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WORKSHOP EQUIPMENT

车间设备



ONE TIME FORMING
LARGE DIAMETER PIPE FITTINGS

一次成型 大口径管件



MADE IN KAILAS GROUP



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PVDF

PVDF 聚偏二氟乙烯
PVDF Polyvinylidene Fluoride



G41F-10F 隔膜阀
Diaphragm valve



G61F-10F 由任隔膜阀
Union diaphragm valve



Q41F-10F 法兰球阀
Flange ball valve



Q341F-10F 蜗轮球阀
Worm gear flange ball valve



Q61F/11F-10F 由任球阀
Double union ball valve



Q41F-10F 法兰式由任球阀
Flange union ball valve



D71X-10F 通用型手柄蝶阀
Handle type butterfly valve



D371X-10F 通用型蜗轮式蝶阀
Worm-gear type butterfly valve



Q941F-10F 电动法兰球阀
Electric flange ball valve



Q641F-10F 气动法兰球阀
Pneumatic flange ball valve



Q961F-10F 电动由任球阀
Electric Union ball valve



Q661F-10F 气动由任球阀
Pneumatic Union ball valve



D971X-10F 通用型电动蝶阀
Electric butterfly valve



D671X-10F 通用型气动蝶阀
Pneumatic butterfly valve



J41F-10F 法兰式截止阀
Flange type globe valve



H44F-10F 旋启式止回阀
Swing type check valve



H41F-10F 球芯式止回阀
Ball check valve



H74F-10F 对夹止回阀
Wafer check valve



H42F-10F 底阀
Bottom valve



H42F-10F 底阀
Bottom valve

PVDF

PVDF 聚偏二氟乙烯
PVDF Polyvinylidene Fluoride



液面计
Liquid level indicator

视镜
Sight Glass

过滤器
Filter

热熔承插法兰
Hot melt socket flange

活套法兰
Vanstone flange

盲法兰
Blind flange

热熔承插管帽
Hot melt socket end cap

热熔承插大小头
Hot melt socket reducer

热熔承插直通
Hot melt socket coupling

热熔承插三通
Hot melt socket tee

对焊三通
Butt welding tee

热熔承插异径三通
Hot melt socket reducing tee

热熔承插 45°弯头
Hot melt socket 45° elbow

热熔承插 90°弯头
Hot melt socket 90° elbow

对焊 90°弯头
Butt welding 90° elbow

内螺纹接头
Female adaptor

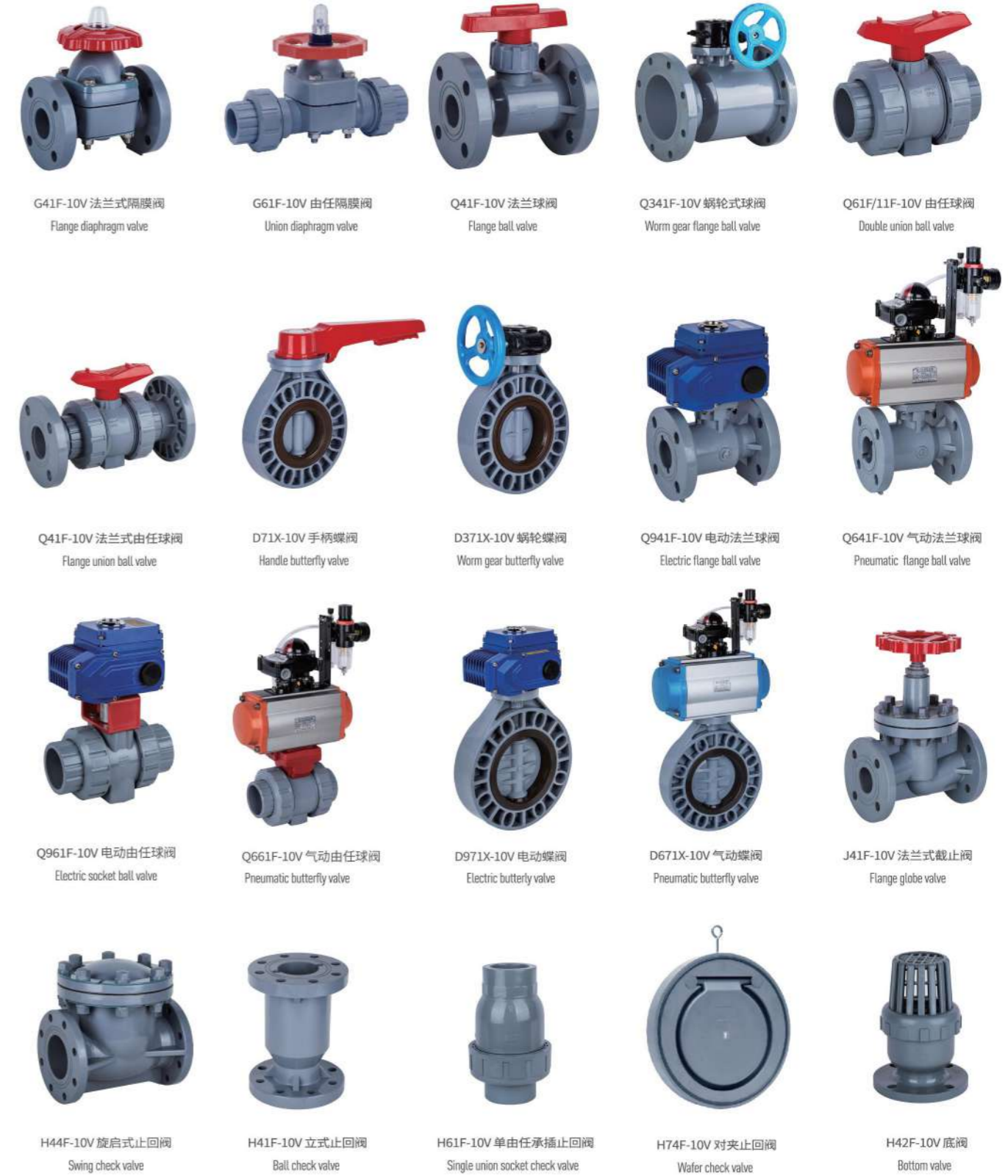
外螺纹接头
Male adaptor

由任
Union

管材
Pipes

PVC-C

PVC-C 氯化聚氯乙烯
PVC-C Chlorinated Polyvinyl Chloride



G41F-10V 法兰式隔膜阀
Flange diaphragm valve

G61F-10V 由任隔膜阀
Union diaphragm valve

Q41F-10V 法兰球阀
Flange ball valve

Q341F-10V 蜗轮式球阀
Worm gear flange ball valve

Q61F/11F-10V 由任球阀
Double union ball valve

Q41F-10V 法兰式由任球阀
Flange union ball valve

D71X-10V 手柄蝶阀
Handle butterfly valve

D371X-10V 蜗轮蝶阀
Worm gear butterfly valve

Q941F-10V 电动法兰球阀
Electric flange ball valve

Q641F-10V 气动法兰球阀
Pneumatic flange ball valve

Q961F-10V 电动由任球阀
Electric socket ball valve

Q661F-10V 气动由任球阀
Pneumatic butterfly valve

D971X-10V 电动蝶阀
Electric butterfly valve

D671X-10V 气动蝶阀
Pneumatic butterfly valve

J41F-10V 法兰式截止阀
Flange globe valve

H44F-10V 旋启式止回阀
Swing check valve

H41F-10V 立式止回阀
Ball check valve

H61F-10V 单由任承插止回阀
Single union socket check valve

H74F-10V 对夹止回阀
Wafer check valve

H42F-10V 底阀
Bottom valve

PVC-C

PVC-C 氯化聚氯乙烯
PVC-C Chlorinated Polyvinyl Chloride



G41F-10V 液面计
Liquid level indicator

视镜
Sight Glass

过滤器
Filter

承插法兰
Socket flange

通用型承插法兰
Universal socket flange

活套法兰
Vanstone flange

盲法兰
Blind flange

管帽
Pipe cap

大小头
Reducer

直通
Coupling

三通
Tee

异径三通
Reducing tee

四通
Cross

45°弯头
45° elbow

90°弯头
90° elbow

补芯
Bushing

内螺纹接头
Female adaptor

外螺纹接头
Male adaptor

由任
Union

管材
Pipes

PVC-U

PVC-U 硬聚氯乙烯
PVC-U Unplasticized Polyvinyl Chloride



G41F-10U 法兰式隔膜阀
Flange diaphragm valve

G61F-10U 由任隔膜阀
Union diaphragm valve

Q41F-10U 法兰球阀
Flange ball valve

Q341F-10U 蜗轮球阀
Worm gear flange ball valve

Q61F/11F-10U 由任球阀
Double union ball valve

Q41F-10U 法兰式由任球阀
Flange ball valve

D71X-10U 手柄蝶阀
Handle butterfly valve

D371X-10U 蜗轮蝶阀
Worm gear butterfly valve

Q941F-10U 电动法兰球阀
Electric flange ball valve

Q641F-10U 气动法兰球阀
Pneumatic flange ball valve

Q961F-10U 电动由任球阀
Electric union ball valve

Q661F-10U 气动由任球阀
Pneumatic union ball valve

D971X-10U 电动蝶阀
Electric butterfly valve

D671X-10U 气动蝶阀
Pneumatic butterfly valve

J41F-10U 法兰式截止阀
Flange globe valve

H44F-10U 旋启式止回阀
Swing check valve

H41F-10U 立式止回阀
Ball check valve

H61F-10U 单由任承插止回阀
Single union socket check valve

H74F-10U 对夹止回阀
Wafer check valve

H42F-10U 底阀
Bottom valve

PVC-U

PVC-U 硬聚氯乙烯
PVC-U Unplasticized Polyvinyl Chloride



液面计
Liquid level indicator

视镜
Sight Glass

过滤器
Filter

承插法兰
Socket flange

通用型承插法兰
Universal socket flange



活套法兰
Varstonie flange

盲法兰
Blind flange

管帽
Pipe cap

大小头
Reducer

直通
Coupling



三通
Tee

异径三通
Reducing tee

四通
Cross

45°弯头
45° elbow

90°弯头
90° elbow



补芯
Bushing

内螺纹接头
Female adaptor

外螺纹接头
Male adaptor

由任
Union

管材
Pipes

PPH

PPH 均聚聚丙烯
PPH Polypropylene-Homo



G41F-10S 法兰式隔膜阀
Flange diaphragm valve

G61F-10S 由任隔膜阀
Union diaphragm valve

Q41F-10S 法兰球阀
Flange ball valve

Q341F-10S 蜗轮球阀
Worm gear flange ball valve

Q61F/11F-10S 由任球阀
Double union ball valve



Q41F-10S 法兰式由任球阀
Flange union ball valve

PE 对焊由任球阀
Butt welding ball valve

PE 法兰 + 对焊球阀
Flange + PE butt welding ball valve

PE 对焊三通球阀
Butt welding tee ball valve

对焊三通球阀
Butt welding Tee ball valve



热熔承插三通球阀
Hot melt socket tee ball valve

法兰热熔对焊球阀
Hot melt/butt welding ball valve

D71X-10S 手柄蝶阀
Handle butterfly valve

D371X-10S 蜗轮蝶阀
Worm gear butterfly valve

D371X-10S 大型蝶阀
Large butterfly valve



Q941F-10S 电动法兰球阀
Electric flange ball valve

Q641F-10S 气动法兰球阀
Pneumatic flange ball valve

Q961F-10S 电动由任球阀
Electric socket ball valve

Q661F-10S 气动由任球阀
Pneumatic socket ball valve

D971X-10S 电动蝶阀
Electric butterfly valve

PPH

PPH 均聚聚丙烯
PPH Polypropylene-Homo



D671X-10S 气动蝶阀
Pneumatic butterfly valve



J41F-10S 法兰式截止阀
Flange globe valve



H44F-10S 旋启式止回阀
Swing check valve



H41F-10S 立式止回阀
Ball check valve



H61F-10S 单由任止回阀
Single union socket check valve



H61F-10S 双由任止回阀
Double union check valve



H61F-10S 热熔对焊止回阀
Socket ball valve



H61F-10S 热熔承插止回阀
Hot melt socket check valve



H74F-10S 对夹止回阀
Wafer check valve



H42F-10S 底阀
Bottom valve



G41F-10S 液面计
Liquid level gauge



视镜
Sight Glass



过滤器
Filter



承插法兰
Socket Flange



对焊钢衬活套法兰
Butt welding steel core Vanstone flange



对焊偏心大小头
Butt welding eccentric reducer



热熔承插直通
Hot melt socket coupling



热熔承插三通
Hot melt socket tee



对焊三通
Butt welding tee



热熔承插异径三通
Hot melt socket reducing tee



对焊异径三通
Butt welding reducing tee



热熔承插 45°弯头
Hot melt socket 45° elbow



对焊 45°弯头
Butt welding 45° elbow



热熔承插 90°弯头
Hot melt socket 90° elbow



对焊 90°弯头
Butt welding 90° elbow



对焊内螺纹接头
Female adaptor



对焊外螺纹接头
Male adaptor



由任
Union



管材
Pipes



热熔承插钢衬活套法兰
Hot melt vanstone flange



盲法兰
Blind flange



热熔管帽
Hot melt end cap



热熔承插大小头
Hot melt socket reducer



对焊大小头
Butt welding reducer

PPH

PPH 均聚聚丙烯
PPH Polypropylene-Homo

FRPP

FRPP 增强聚丙烯
FRPP Fiber Reinforced Polypropylene



G41F-10S 法兰式隔膜阀
Flange diaphragm valve



G61F-10S 由任隔膜阀
Union diaphragm valve



Q41F-10S 法兰球阀
Double union ball valve



Q341F-10S 蜗轮法兰球阀
Worm gear flange ball valve



Q61F/11F-10S 承插球阀
Socket ball valve



Q41F-10S 法兰式由任球阀
Flange union ball valve



D71X-10S 手柄蝶阀
Handle butterfly valve



D371X-10S 蜗轮蝶阀
Worm gear butterfly valve



D371X-10S 大型蝶阀
Large butterfly valve



D971X-10S 电动蝶阀
Electric butterfly valve



D671X-10S 气动蝶阀
Pneumatic butterfly valve



J41F-10S 法兰式截止阀
Flange globe valve



H41F-10S 立式止回阀
Ball check valve



H44F-10S 旋启式止回阀
Swing check valve



H41F-10S 升降式止回阀
Lift check valve



H42F-10S 底阀
Bottom valve



液面计
Liquid level indicator



视镜
Sight Glass



过滤器
Filter



承插法兰
Socket Flange

FRPP

FRPP 增强聚丙烯
FRPP Fiber Reinforced Polypropylene



活套法兰
Vanstone flange



盲法兰
Blind flange



管帽
Pipe cap



大小头
Concentric reducer



直通
Coupling



三通
Tee



异径三通
Reducing tee



45°弯头
45° elbow



90°弯头
90° elbow



补芯
Bushing



内螺纹接头
Female adaptor



外螺纹接头
Male adaptor



由任
Union



管材
Pipes

泵及其它辅材

Pumps & Other auxiliary materials



FRPP FP 系列耐腐蚀离心泵 (直联式) Corrosion resisting plastics centrifugal pump(direct-type)
 FRPP FP 系列耐腐蚀离心泵 (轴联式) Corrosion resisting plastics centrifugal pump(shaft-type)
 FRPP FPZ 系列耐腐蚀自吸泵 (直联式) Corrosion resisting plastics self-priming pump(Direct-type)
 FRPP FPZ 系列耐腐蚀自吸泵 (轴联式) Corrosion resisting plastics self-priming pump(Shaft-type)
 PVDF FV 系列耐腐蚀离心泵 (直联式) Corrosion resisting plastics centrifugal pump(direct-type)



PVDF FV 系列耐腐蚀离心泵 (轴联式) Corrosion resisting plastics centrifugal pump(shaft-type)
 PVDF FVZ 系列耐腐蚀自吸泵 (直联式) Corrosion resisting plastics self-priming pump(Direct-type)
 FRPP 水喷射真空泵、汽水串联喷射泵 Water jet vacuum pump/Aerated water series connection jet pump
 FRPP 水喷射真空泵、汽水串联喷射泵 Water jet vacuum pump/Aerated water series connection jet pump
 全塑卧式成套真空机组 Horizontal plastic water jet vacuum pump units sets



塑料螺丝 Plastic screw
 法兰垫片 Flange gasket
 隔膜阀膜垫、膜片 Diaphragm valve diaphragm gasket and diaphragm
 全材质焊条组合 All material welding rod group
 胶水 & 清洁剂 Glue & Cleaner



PVC-C 板系列 Board series
 PVC-U 透明 45°弯头 Transparent 45° Elbows
 PVC-U 透明 90°弯头 Transparent 90° Elbows
 PVC-U 透明管材 Transparent Pipe
 PVC-U 透明三通 Transparent tee



PVC-U 透明外螺纹接头 Transparent Male adaptor
 PVC-U 透明直通 Transparent Coupling

复合管材管件系列

Composite pipes & Composite pipe fittings series



复合法兰 Composite flange
 复合管帽 Composite pipe cap
 复合大小头 Composite concentric reducer
 复合直通 Composite coupling



复合三通 Composite tee
 复合异径三通 Composite reducing tee
 复合四通 Composite cross
 复合 45°弯头 Composite 45° elbow



复合 90°弯头 Composite 90° elbow
 复合管道 Composite pipes

STANDARDS FOR PVC-C PIPELINES

PVC-C 管道系统设计引用标准

- 产品设计参考: JIS/6676、JIS/K 6777、ASTMD 1785、ISO/DIS 15493 和 SO/DIS 15877 等标准;
- 工业用 PVC-C 管道系统产品符合: GB/T 18998 系列标准;
- Standards referred to: JIS/K 6676, JIS/K 6777, ASTMD 1785, ISO/DIS 15493 and ISO/DIS 15877, etc;
- PVC-C pipelines used in industry: GB/T 18998 series standards;

工业用 PVC-C 管道系统主要性能 MAIN PROPERTIES OF PVC-C PIPELINES NETWORK

特性 Property	单位 Units	技术指标 Test quota	试验方法 Test method
密度 Density	Kg/m ³	1450~1650	GB/T 1033 方法 A
维卡软化温度 (管材) Vicat softening temperature(pipes)	°C	≥ 110	GB/T 8802
维卡软化温度 (管件) Vicat softening temperature(Fittings)	°C	≥ 103	GB/T 8802
纵向回缩率 Longitudinal reversion	%	≤ 5	GB/T 6671 方法 B
氯含量 (质量百分比) Chlorinity(mass percent)	%	≥ 60	GB/T 7139
静液压试验 Hydrostatic pressure test	—	无破裂、无渗漏 No breakage&blistering	ISO 167: 1996
静液压状态下热稳定试验 Thermal stability test under a hydrostatic state	—	无破裂、无渗漏 No breakage&blistering	ISO 1167
落锤冲击试验 (0°C TIR) Falling weight impact test	—	TIR ≤ 10%	GB/T 14152
液压试验 Hydraulic pressure test	—	无破裂、无渗漏 No breakage&blistering	GB/T 6111
烘箱试验 Oven test	—	无分层、无开裂 No grooving&blistering	GB/T 8803
弹性模量 * Modulus of lasticity	Mpa	2660	ASTM D 638
拉伸强度 * Ultimate tensile strength	Mpa	56	ASTM D 638
冲击强度 * Impact strength	KJ/m ²	≥ 16	ASTM D 256
热膨胀系数 * Thermal expansion coefficient	M/m/k	6.1×10 ⁻⁵	ASTM D 696
热传导率 * Thermo-conductivity	Cal/g/°C	0.14	ASTM C 177
比热 * Specific heat	Cal/g/°C	0.14	—
体电阻 * Bulk resistance	Ω/cm	> 1015	—
介电强度 * Dielectric Strength	AC,KV/mm	13	—
阻燃性 * Fire resistance property	—	自熄 Self exting	UL-94

注: 带 "*" 引自 ASTM 标准

PVC-C OUTLINE

PVC-C 概述

- 氯化聚氯乙烯 Chlorinated polyvinyl chloride(pvc-c)由于其相对低成本、高硬质脆脂温度 Tg、高热弯曲温度、化学性迟钝不活泼、优异的机械性强度、非电导性、最安全的燃烧传导性和烟雾性,已使得 PVC-C 成为非常重要的工程塑胶材料。
- PVC-C 最早是由 BFGoodrich 公司在 1960 年代初期加以商业化生产及运用,它的耐高温及绝佳耐化性已在不同的工业应用中获得了极高的评价。
- 概念上 PVC-C 是由 PVC 单质聚合体经过氯化作用形成的,典型上的 PVC 和氯是根据基础自由基反应机制进行作用,这可使用许多不同方法透过加热或 UV 能量加以启动,如下为较普通的 PVC 自由基氯化作用反应过程,其中 RH 代表 PVC。
- PVC-C 会因不同氯化方式,其状况及氯的反应量有很大的差异性,PVC-C 将基础 PVC 氯含量由 56.7% 提升至 74% 之高,而一般 PVC-C 仅止于 63~69% 氯含量而已。由于 PVC-C 氯含量的增加会使得聚合体硬质脆化温度 Tg 显著的提升,此外由于基础 PVC 分子重量的增加也使得在相同氯含量水准时, Tg 亦有小比率的增加。
- PVC-C (Chlorinated polyvinyl chloride) has become an extremely important plastics materials in the engineering, it has a lot of merits such as relatively low cost, high hard embrittlement temperature (Tg) high thermal bending temperature, abtuse (inactive) chemical properties, excellent mechanical strength, no electric conductivity, safest conductivity and smokiness of combustion.
- The commercialized production and application of PVC-C was initiated by BF Goodrich Corporation in early 1960, PVC-C has received very high appraise in various industrial applications for its high-temperature resistance and perfect chemical resistance.
- In the concept, PVC-C is made from PVC Homopolymer through chloridization, while in the models, PVC and chlorine take actions according to the reaction mechanism of free basic radicals, where can be started up with varied methods like heating and UV power, a common reaction process on the chloridization of free PVC radicals is described as below, where RH refers to PVC.
- The status and reaction capacity (chlorine) of PVC-C have vast difference by the different modes of chloridization. Compared with 63~69% as per general PVC-C, the chlorine content of basic PVC of this PVC-C has been upgraded from 56.7% to 74%. Thanking to the increase of the increase of the chlorine content, the hard embrittlement temperature of polymer (Tg) will be greatly boosted, due to the increase of molecule weight of basic PVC, Tg under same content will be also a little upgraded.

PVC-C PRODUCT USES THE STANDARD

PVC-C 产品采用标准

PVC-C 系列产品标准管材按 GB/T18998.2-2022、管件按 GB/T18998.3-2022、维卡软化温度按 GB/T8802-2001、落锤冲击试验按 GB/T14152-2001，其它引用 ASTM F441、F439、F437; DIN8079、DIN8080、ISO15493-1 标准。

PVC-C Series Standard Pipe Materials is produced as per GB/T18998.2-2022, Pipe Fittings as per GB/T18998.3-2022, Vicat Softening Temperature as per GB/T8802-2001, Dart Drop Impact Test as per GB/T14152-2001, the others according to ASTM F441, F439, F437, as well as DIN8079, DIN8080, ISO15493-1.

PVC-C TUBING, FITTING, CALVE PERFORMANCE CHARACTERISTIC

PVC-C 管材、管件、阀门性能特点

使用温度范围广：-20°C至 95°C

具有极佳的强度和韧性

具有优良的耐化学腐蚀性能

阻燃性能为自熄性

低热传导性能，约为钢材的 1/200

介质中重离子含量达超纯水标准

卫生指标符合国家卫生标准要求

管壁平洁光滑，输送流体时具有较小的磨擦阻力和附着力

重量轻，相当于钢管 1/5，铜管的 1/6

安装方便，可采用粘接、螺纹、焊接等方式连接

优异的耐老化和抗紫外线性能，使正常使用寿命比其他管道系统均有很大的延长

Wide operating temperature range:-20°C to 95°C

Excellent strength and tenacity.

Excellent chemical and corrosive resistance

Self-extinguishing character in flame retardant property

Low thermal conductivity, about 1/200 of steel materials

The heavy ion of medium can meet the requirements as ultra pure water.

Sanitary Indexes accord with National Sanitary Standards.

Due to lean and smooth pipe wall, it has small friction and adhesive for when transmitting fluids.

Light weight, equal to 1/5 of steel pipe and 1/6 of copper pipe

Easy to install, can be connected by cementing, screwing and welding etc.

Outstanding ageing resistance and anti-ultraviolet property, its service life is greatly prolonged compared with normal one.

REINFORCED POLYPROPYLENE (FRPP) PIPE PERFORMANCE INDEX

增强聚丙烯 (FRPP) 管材性能指标

增强聚丙烯 (FRPP) 管材照化工部 HG20539-92 标准生产，是以优质玻璃纤维增强聚丙烯为原材料挤出成型。克服聚丙烯机械强度低的缺陷，保持聚丙烯优良耐腐蚀性能，提高工作温度 (-20~120°C)，形成机械强度高、耐磨性能好、成本低、使用寿命长、安装方便等特点，成为石油、氯碱、化纤、燃料、农药、轻工、污水处理等行业防腐首选管道。

FRPP pipe materials are produced according to HG20539-92 issued by Department of Chemical Industry, it is extruded and formed with the raw materials of high-quality fiber glass FRPP, it fills the limitation (which) occurred in FRPP with low mechanical strength and excellent anti-corrosive performance in PP. Moreover, it created the operating temperature (-20~120°C), thus it has the merits like high mechanical strength, good abrasion resistance, low cost, long service life and convenient installation etc, it is the top choice of corrosive resistance in the industries like petroleum, chlorine alkaline, chemical fiber, dyestuff, pesticide, light industries, sewage disposal and so on.

FRPP 的机械物理性能 FRPP MECHANICAL PHYSICAL PERFORMANCE

指标名称 Target name	单位 Units	指标值 Target value
热变形温度 Heating distortion temperature	°C	> 135
密度 Density	g/cm ³	0.92~1.00
扁平试验 Flat experiment	压至管材外 1/2 无裂缝 Presses 1/2 does not have the crack to the tubing outside	
拉伸强度 Pull and draw intension	Mpa	35
断裂伸长率 Break elongation ratio	%	≥ 90
弯曲强度 Bend intension	Mpa	≥ 45
20°C 液压试验 (瞬时爆破环向应力) 20° C water test (instantaneous demolition link to stress)	Mpa	≥ 14
悬臂梁冲击强度 Cantilever beam impact intensity	KJ/m ²	≥ 26
落锤冲击能量 Drop hammer impact energy	kg·m	8
线膨胀系数 Linear expansion coefficient	10 ⁻⁵ m/m°C	9~11

PVDF

PVDF: 聚偏氟乙烯简称 F-2。英文名称 PolyVinylideneFluoride, 简称 PVDF, 分子式 $\text{CF}_2\text{-CH}_2 \in n$, 分子量为 40~60 万。

PVDF 是 60 年代发展的含氟塑料之一, 它是用三氟乙烯、氢氟酸与锌粉等作用生成单体, 再经聚合生成白色结晶固体, 属均聚物。

PVDF 分子结构规整性较大, 分子中氟原子和氢原子大小相似, 高分子链的排列紧密, 并存在着较强的氢键效应, 因此聚合物的拉伸强度, 压缩强度及冲击韧性等都比较大。PVDF 的熔点较低 (170°C 左右), 因此加工性能良好, 成型方便, 可用一般热塑料的加工方法 (如注射、模压、挤出、吹塑等工艺成型)。

PVDF 的化学稳定性良好, 具有优良的耐化学腐蚀性和良好的耐热稳定性, 可在 -40°C~150°C 温度范围内长期使用。同时解电常数大, 是良好的绝缘材料之一。能耐除盐酸, 强溶剂外的所有盐、酸、碱、芳烃、卤素等介质。不燃、耐疲折断、抗磨损、自润滑性能好, 虽原料进口, 价格昂贵, 一次性投入大, 但价格大大低于进口管材, 并以其优良耐腐蚀性能, 无与伦比的使用寿命、安全系数高、减少维修, 将给您带来显著的综合经济效益。

PVDF(Polyvinylidene fluoride)is nominated as F-2 in short, whose English Name PolyVinylidene Fluoride(PVDF for short),molecular formula $(\text{CF}_2\text{-CH}_2)_n$ and molecular weight is 400~600 thousand.

PVDF is one of fluoride plastics developed in 1960s, it is a homopolymer which formed under the actions of trifluoroethylene, hydrofluoric acid and zinc dust, and polymerized into white crystalline solid.

The molecular structure of PVDF has large regularity,the size of fluorine atom and and hydrogen atoms is similar in the molecule, the lineage of macromolecule chains is compact and has strong hydrogen bond effects, therefore, the tensile strength, compressive strength and impact toughness of polymer is relatively high. The melting point of PVDF is low(about 170 ° C), so it has excellent performance of processing, easy shaping, it can be processed with general methods for thermal plastic like injection, mould pressing, extrusion and blow molding etc..

PVDF has excellent chemical stability, excellent chemical resistance and good thermal resisting stability, it can be long operated within the temperature range from - 40 ° C to 150 ° C, furthermore, it is one of perfect insulation materials with a high dielectric constant , which can resist all mediums like salt ,acid ,alkaline, arene ,halogen and so on except for hydrochloric acid and strong solvent. It also enjoys the merits like no flame ,breaking resistance, wear resistance and good self lubricating property, Though its raw materials are Imported with high price and onetime investment, its price is greatly lower than imported pipe materials, it will bring you with obvious compressive economic effects on the basis of excellent corrosive resistance, incomparable service life, high safety coefficient and little maintenance.

PVDF 的机械物理性能 PVDF MECHANICAL PHYSICAL PERFORMANCE

项目 Item	数值 Numerical value	项目 Item	数值 Numerical value
相对密度 Relative density	1.76	拉伸弹性模量 (Mpa) Pull and draw mould quality(Mpa)	840
吸水率 (%) Water-absorptivity(%)	0.04	弯曲弹性模量 (Mpa) Bend mould quality(Mpa)	1400
晶体熔点 (°C) Crystal melting point(° C)	171	压缩弹性模量 (Mpa) Compres mould quality(Mpa)	840
脆化温度 (°C) Embrittled temperature(° C)	< -61	硬度 (HB) Degree of hardness(HB)	7
比热容 (J/Kg·k) Compared to heat capacity (J/Kg·k)	1170	摩擦系数 (对钢) Friction coefficient(To steel)	0.14
线膨胀系数 (K) Linear expansion coefficient(K)	80×10	介电系数 (60Hz) Dielectric coefficient	8.4
热变形温度 (°C), 0.46M PaThermal deformation temperature(° C),0.46M	150	(10 ⁶ Hz)	6.43
1.86MPa	90	介电损耗 (60Hz) Dieletric loss	0.05
分解温度 (°C) Decomposition temperature(° C)	316	(10 ⁶ Hz)	0.16
工作温度范围 (°C) Operating temperature scope(° C)	-40-150	体积电阻 (Ω·cm) Volume resistance(Ω·cm)	2×10
拉伸强度 (Mpa), 25°C Longitudinal strength(Mpa),25° C	49.2	击穿强度 (kv/m) Disruptive strength(kv/m)	> 10
100°C	35.2	耐电弧性 (s) Arc resistanse(s)	50~70
伸长率 (%) Elongation ratio(%)	30~400	燃烧性 Flammability	自熄 From extinguishes
抗压强度 (Mpa) Compressive strength(Mpa)	70	透明性 Transparency	透明—半透明 Transparent-Translucent
冲击强度 (KJ/m2) Impact intensity(KJ/m2)	1.47×10 ⁴	耐化学腐蚀性 Bears chemistry corrosiveness	良好 Good

STANDARDS ADOPTED FOR DESIGN OF PVC-U PIPELINES NETWORK PVC-U 管道系统设计引用标准

产品设计参考: ISO4422、ISO4435、ISO727、ASTMD5127、ASTMD1785、ASTMD2467、GB/T 11446.1、GB/T 11446.3、GB/T 11446.5、GB/T 11446.7 和 GB/T 11446.9 等标准;

化工用 PVC-U 管道系统产品符合: GB/T 4219 系统标准;

Standards referred to for design :ISO4422, ISO4435, ISO727, ASTMD5127, ASTMD1785, ASTMD2467;

GB/T 11446.1, GB/T 11446.3, GB/T 11446.5, GB/T 11446.7,GB/T 11446.9 and other standards;

Chemical application PVC-U pipelines products meet:GB/T 4219 series standards;

PVC-U 的机械物理性能 (产品执行标准 GB/T4219)

PVC-U MECHANICAL PHYSICAL PERFORMANCE (THE PRODUCT CARRIES OUT STANDARD GB/T4219)

性能 Performance	测试标准 Test standard	单位 Unit	数据 Date
比重 Proportion	HG-144-65	g/m ³	1.41
拉伸强度 Longitudinal strength	GB1040-92	Mpa	49
弯曲强度 Bending strength	GB9341-88	Mpa	82
简支梁冲击强度 Stand shocking intension	GB1843-89	KJ/m ²	14
维卡软化点 WEI card intenerating pot	GB1633-89	°C	90
热变形温度 Heating distorsion temperature	GB1634-89	°C	74
纵向回缩率 Portrait returen rete	GB6671	%	≥ 0.3
线性膨胀系数 Line expande coefficient	GB1036-89	m/m°C	4.1×10 ⁻⁵
限额氧指数 Quota oxygen index	GB2406	%	41

PVC-U 工作压力与温度的关系

PVC-U WORKING PRESSURE AND TEMPERATURE RELATIONS

温度°C Temperature° C	工作压力 Mpa Working pressure Mpa
23	1
27	0.9
32	0.75
38	0.6
43	0.45
49	0.35
54	0.25
60	0.15
66	0

PROPERTIES OF PVC-U PIPELINES USED IN CHEMICAL APPLICATION

PVC-U 化工用管道系统特性

- 使用温度：化工管道使用温度范围：-5°C ~ 45°C
 - 阻燃性能为自熄性；
 - 价格低：材料费用低，不同工程比例不同；
 - 耐腐蚀性：具有优良的耐腐性能，详见产品耐化学性能腐蚀表；
 - 耐压高：爆破压力为工作压力 4~5 倍，确保系统品质级安全；
 - 韧性强：具有极佳的强度和韧性，不会受外力或内压变化大的情况下造成损害；
 - 管壁光洁：输送流体时具有较小的摩擦阻力，抑制细菌滋生，流体介质不易附道；
 - 耐老化：化学稳定性好，材料试验及国内外工程应用实例证明，PVC-U 正常使用实际寿命超过 50 年；
 - 保温性能佳：低热传导性能，约为钢材的 1/200，节省保温材料及施工费用；
 - 重量轻：相当于钢管的 1/5，铜管的 1/6，搬运、安装简单轻松，节省时间及费用。
 - 安装施工方便：可采用粘接、法兰、螺纹、焊接等方式连接；
 - 综合性能高：价格低，内外部光滑、不生锈、不积垢、耐腐蚀性能佳、施工简便、不传热、不导电、阻燃、机械强度高，适用性广。
-
- Use temperature: chemical pipeline use temperature range: -5°C ~ 45°C
 - The flame retardant performance is self-extinguishing;
 - Low price: low material costs, different ratios of different projects;
 - Corrosion resistance: It has excellent corrosion resistance. See the chemical resistance corrosion table of the product for details.
 - High pressure resistance: the bursting pressure is 4~5 times of the working pressure to ensure the safety of the system quality level;
 - Strong toughness: It has excellent strength and toughness and will not be damaged by external force or internal pressure.
 - Smooth & clean wall: it has a small frictional resistance when transporting fluid, inhibits the growth of bacteria, and the fluid medium is not easy to attach;
 - Anti-aging: good chemical stability, material testing and domestic and foreign engineering application examples prove that the actual life of PVC-U is more than 50 years.
 - Good thermal insulation performance: low thermal conductivity, about 1/200 of steel, saving insulation materials and construction costs;
 - Light weight: equivalent to 1/5 of steel pipe, 1/6 of copper pipe, easy to carry and install, saving time and cost.
 - Convenient installation and construction: it can be connected by bonding, flange, thread, welding, etc.
 - High comprehensive performance: low price, smooth inside and outside, no rust, no fouling, good corrosion resistance, simple construction, no heat transfer, no electricity, flame retardant, high mechanical strength, wide applicability.

PROPERTIES OF PVC-U/FRP AND PVC-C/FRP PIPELINES

PVC-U/FRP、PVC-C/FRP 管道系统特性

PVC-U/FRP、PVC-C/FRP 复合管材和管件是化工用 PVC-U 管材、管件、工业用 PVC-C 管材、管件为内衬，玻璃钢作外增强层，通过界面粘合剂，经过特定机械缠绕制造。该管道综合了 PVC-U、PVC-C 耐腐蚀和 FRP 的强度高、耐高温性的特点，克服了 PVC-U、PVC-C 在较高温度下承受能力差、室外易老化的缺点，扩大了单一的 PVC-U、PVC-C 管道系统和 FRP 管的使用范围。

PVC-U/FRP、PVC-C/FRP 复合管材和管件价格低廉，安装维修方便，使用寿命长，管道内表面光滑，摩擦阻力小，耐腐蚀性良好、耐高温性、耐压高、耐磨、可设计性强、PVC-U/FRP、PVC-C/FRP 界面的粘结力强、抗冲击性良好、流体阻力小、无电化学腐蚀、投资省、安装方便等优点。产品广泛用于油田、化工、机械、冶金、轻工、电力、等行业，综合经济效益良好，是你理想的选择。

PVC-U/FRP and PVC-C/FRP composite pipes and fittings are made with PVC-U piping material fittings, or chlorinated polyvinyl chloride piping materials fittings as the lining layer inside, and fibre glass reinforced plastic as the reinforcing layer outside. The pipeline combines the characteristics of PVC-U, PVC-C corrosion resistance and FRP with high strength and high temperature resistance. It overcomes the disadvantages of PVC-C and PVC-C under high temperature tolerance and aging, and expands the use range of single PVC-C, PVC-C piping system and FRP pipe.

PVC-U/FRP, PVC-C/FRP composite pipe and pipe fittings are in low price, convenient installation and maintenance, long service life, smooth surface, little friction resistance, good corrosion resistance good temperature resistance, high pressure resistance, high resistance and easily design, PVC-U/FRP, PVC-C/FRP interface has strong adhesive strength, good impact resistance, small fluid resistance, no electrochemical corrosion, investment province, and convenient installation. The products are widely used in oil fields, chemical industry, machinery, metallurgy, light industry, electric power, etc., the comprehensive economic benefits are good, it is your ideal choice.

APPLICABLE OCCASIONS FOR PVC-U/FRP AND PVC-C/FRP PIPELINES

PVC-U/FRP、PVC-C/FRP 管道系统适用场合

- | | |
|---------------------|---|
| ■ 化学介质输送管； | ■ Chemical medium conveying pipe; |
| ■ 氯碱工业工艺管； | ■ Chlorine-alkali industrial process pipe; |
| ■ 污水处理及输送管道； | ■ Sewage treatment and delivery piping; |
| ■ 化学较高要求介质输送管； | ■ Heat transfer pipe and seawater pipe; |
| ■ 热能输送管、海水输送管； | ■ Chemical high demand medium conveying pipe; |
| ■ 冶金工业化学介质输送管； | ■ Metallurgical industrial chemical medium conveying pipe; |
| ■ 冶金、矿山等行业； | ■ Metallurgy, mining and other industries; |
| ■ 水电站压力水管、发电厂循环水管…… | ■ Pressure water pipe of hydropower stations, water recycling pipes for power plants… |

STANDARDS ADOPTED FOR DESIGN OF PVC-U/FRP AND PVC-C/FRP PIPE NETWORK PVC-U/FRP、PVC-C/FRP 管道系统设计引用标准

- PVC-U/FRP管道系统符合:HG/T 3731、HG/T 21636;衬管符合GB/T4219系列标准
- PVC-U/FRP base pipes meet requirements of HG/T 3731 standard or HG/T 21636 standard,and the liner pipes meet requirements of GB/T4219 standard.
- PVC-C/FRP管道系统符合:HG/T 3731、HG/T 21636;衬管符合GB/18998系列标准
- PVC-C/FRP base pipes meet requirements of HG/T 3731 standard or HG/T 21636 standard,and the liner pipes meet requirements of GB/T18998 standard.

PVC-C/FRP 管道系统主要性能 MAIN PROPERTIES OF PVC-U/FRP PIPELINES NETWORK

名称 Name	性能指标 Property index	名称 Name	性能指标 Property index
密度 Density,g/cm ³	1.55-1.65	压缩强度 Compressive strength,Mpa	≥ 56
吸水性 Water absorption,%	≤ 0.2	弯曲强度 Bending strength,Mpa	≥ 28
树脂不可溶成分含量 Content of resin and insoluble materials	≥ 80	短时失效压力, Mpa Short-time failure pressure,Mpa	DN400 (含 400) 以下 Lower than DN400
树脂含量 Resin content	45±5		DN400 以上 Higher than
复合管材 Composite pipes	55±5		> 4
复合管件 Composite fitting	55±5		> 2.4
拉伸强度 Tensile strength, Mpa	≥ 35	粘接强度 Bonding strength,Mpa	> 4

PVC-C/FRP管道系统主要性能 MAIN PROPERTIES OF PVC-C/FRP PIPELINES NETWORK

名称 Name	性能指标 Property index	
树脂不可溶成分含量 Content of resin and insoluble materials,%	≥ 80	
树脂含量 Resin content	复合管材 Composite pipes,%	45±5
	复合管件 Composite fitting,%	55±5
短时失效压力 Short-time failure pressure,Mpa	≥ 4	
剪切强度 Shear strength,Mpa	≥ 4	
巴柯尔硬度 Barcol Hardness	≥ 40	

STANDARDS ADOPTED FOR DESIGN OF PPH PIPE PPH管道系统设计引用标准:

- 产品设计参考:DIN8077/8078、DIN16962;GB/T5099系列标准
- PPH base pipes meet requirements of DIN 8077/8078 standard or DIN16962 standard and GB/T5099 standard.

BEAT(B)-PP(PPH)主要性能/MAIN PROPERTIES

Beat(β)-PP(PPH) BE60-7032 是一种高分子量低熔流率的均聚聚丙烯,它经过 β 改性,具有细腻的结晶结构。即使在低温下也有优异的抗冲击强度。增加了静液压强度,增加了耐化学品性能,提高了使用温度,并使其膨胀系数降到同等材料最低点。Beat(β)-PP(PPH) BE60-7032 是北欧化工专为生产工业和超纯管道、管件、挤出、板材等研制的牌号。

Beat(β)-PP(PPH) BE60-7032 is a high molecular weight low melt flow rate polypropylene homopolymer, which is modified by β and has a fine crystalline structure. It also has excellent impact strength even at low temperature. The static hydraulic strength is increased, the chemical resistance is increased, the temperature is increased, and the expansion coefficient is reduced to the lowest point of the same material. Beat (beta) - PP (PPH) be60-7032 is the brand name developed by the Nordic chemical industry for the production of industrial and ultra-pure pipe, pipe fitting, extrusion, and plate.

BEAT(B)-PP(PPH) 主要性能 PIPELINES SYSTEM PERFORMANCE TABLE

特性 Property	标准 Criterion	单位 Unit	β-PPH
密度 (23°C) Density at 23° C	DIN53479 ISO/R1183	g/m ³	0.91
熔融流动性 Melt flow index MFR190/5 CODET MFR230/5 CODEV MFI range	DIN53735 ISO1133	g/10min	0.5 1.25 M003
屈服张应力 Tensile stress at yield	DIN53455 ISO/R527	N/mm ²	30
屈服延伸率 Elongation at yield	DIN53452 ISO/R527	%	12
断裂张应力 Tensile stress at break	DIN53495 ISO/R527	N/mm ²	45
断裂延伸率 Elongation at break	DIN53455 ISO/R527	%	> 50
应变放 35% 时的张应力 Flexural stress at 35% strain	DIN53457 ISO/R178	N/mm ²	28
弹性模量抗拉试验 Modulus of elasticity(tendile test)	DIN53455 ISO/R537	N/mm ²	1150
切变模量 Modulus in shear	DIN53445 ISO/R537	N/mm ²	650
球压痕硬度 Ball indent ation hardness	DIN53456 ISO2039	N/mm ²	67
切口冲击强度 (23°C) Charpy impact strength at 23° C	DIN53453 ISO/179/2C	KJ/m ²	50
切口冲击强度 (-30°C) Charpy impact strength at 30° C	DIN53453 ISO/179/2D	KJ/m ²	35
临界熔点 Crystallinity melting temperature	DIN53736	°C	160-165
维卡式软化点 Vicat softening point VST-A/50 VST-B/50	DIN53460 ISO/R306	°C	95
承载状态下温度 Deflection temperature under load A 方法 MethodeA B 方法 MethodeB	DIN53461 ISO75	°C	50 90
热导率 Thermal conductivity(at 20° C)	DIN52612	W/mk	0.22
热膨胀系数 Thermal expansion coefficient	DIN53752	1/°C	-4 1.0×10
可燃性 Flammability			B2 B2 94-HB
特征体积电阻率 Specific volume resistivity	DIN53482 Teil 1 IEC Publ.93	Ohm cm	16 > 10
绝缘强度 Dielectric strength	DIN53481 IEC Publ.234	Kv/mm	75
表面电阻率 Surface resistivity	DIN53482 IEC Publ.167		13 > 10
颜色 Colour	RAL	Ohm	RAL7037 grey (灰)

应用温度范围表 APP TEMPERATURE BOUND LIST

材料 Material	介质温度°C Medium temperature° C	材料 Material	介质温度°C Medium temperature° C
氯化聚乙烯 (PVC-C)	-20°C ~+95°C	聚氯乙烯 (PVC-U)	-5°C ~+45°C
增强聚丙烯 (FRPP)	-20°C ~+120°C	均聚聚丙烯 (PPH)	-20°C ~+110°C
聚偏二氟乙烯 (PVDF)	-40°C ~+150°C		

PLASTIC VALVES SERIES

塑胶阀门系列



DIAPHRAGM VALVE

隔膜阀 G41F-10S

产品结构特点 MAIN STRUCTURAL FEATURES

1. 密封件膜片采用 F46 或 PFA、PTFE 制造，耐折次数 ≥ 120000 次。
2. 采用螺杆升降结构，启闭力矩小，平稳性好。

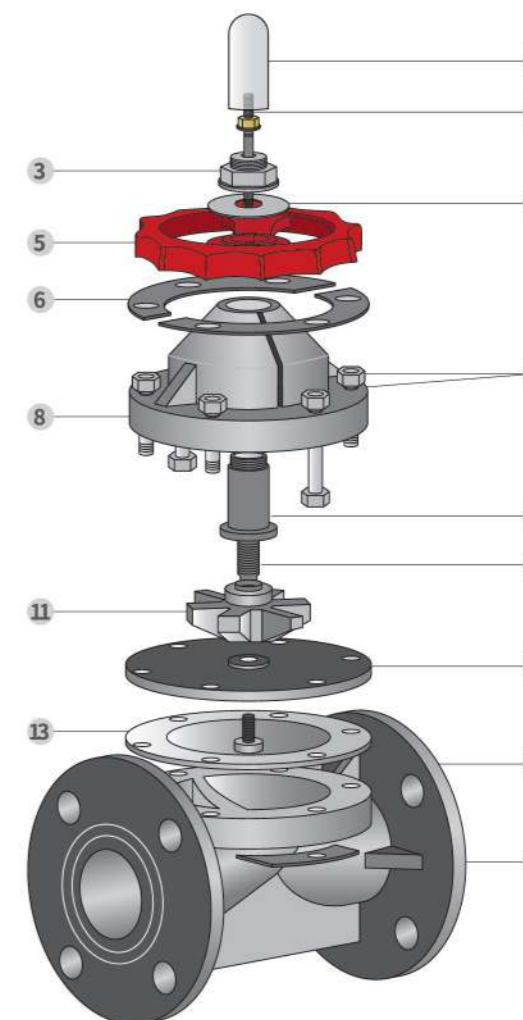
1. The seal diaphragm is made of F46 or PFA, PTFE, the number of folds is ≥ 120000 times.
2. Valve adopts screw lifting structure, opening and closing torque is small, good stability.

隔膜阀装配明细表 Diaphragm Valve Assembly Detail Drawing

件号 No.	名称 Name	材质 Material
1	限位罩 Cover limit	AS
2	螺柱 Stud	钢、不锈钢 Steel, Stainless Steel
3	压紧螺母 Retaining Nut	FRPP
4	垫圈 Washer	FRPP
5	手轮 Wheel	合金料 Alloy material
6	上压板 Platen	钢、不锈钢 Steel, Stainless Steel
7	双头螺柱及螺母 Double headed stud and Nut	钢、不锈钢 Steel, Stainless Steel
8	阀盖 Bonnet	FRPP, PVDF, PVC-C, PVC-U, PPH
9	阀杆螺母 Yoke Nut	钢、铜 Ht300 Steel
10	阀杆 Stem	钢、不锈钢 Steel, Stainless Steel
11	阀板 Valve Plate	铸铁、FRPP, PVDF, PVC-U, PVC-C, PPH, Steel, Stainless Steel, C.I, FRP
12	垫膜 Flim	EPDM, FPM
13	膜片 Diaphragm	F46, PFA, PTFE
14	阀体 Body	FRPP, PVDF, PVC-C, PVC-U, PPH
15	下压板 Platen	钢、不锈钢 Steel, Stainless Steel

工作压力和工作温度表 WORKING PRESSURE AND WORKING TEMPERATURE LIST

MPa °C 口径 Caliber	FRPP			PVDF			PVC-U			PVC-C		
	14-40	41-60	61-100	40-60	61-90	91-140	20-40	41-60	61-80	0-40	41-60	61-90
15(1/2")	0.8	0.8	0.7	1	0.9	0.7	0.8	0.8	0.7	0.7	0.7	0.6
20(3/4")	0.8	0.8	0.7	1	0.9	0.7	0.8	0.8	0.7	0.7	0.7	0.6
25(1")	0.8	0.8	0.7	1	0.9	0.7	0.8	0.8	0.7	0.7	0.7	0.6
32(1 1/4")	0.7	0.7	0.6	1	0.9	0.7	0.7	0.7	0.6	0.7	0.7	0.6
40(1 1/2")	0.7	0.7	0.6	0.8	0.7	0.5	0.7	0.7	0.6	0.7	0.7	0.5
50(2")	0.7	0.7	0.6	0.8	0.6	0.5	0.7	0.7	0.6	0.7	0.7	0.5
65(2 1/2")	0.7	0.7	0.6	0.8	0.5	0.4	0.7	0.7	0.6	0.7	0.7	0.5
80(3")	0.7	0.7	0.6	0.7	0.5	0.4	0.7	0.7	0.6	0.7	0.7	0.5
100(4")	0.7	0.7	0.6	0.6	0.5	0.4	0.7	0.7	0.6	0.7	0.6	0.5
125(5")	0.5	0.5	0.4	0.5	0.4	0.3	0.5	0.5	0.4	0.5	0.5	0.4
150(6")	0.5	0.5	0.4	0.5	0.3	0.2	0.5	0.5	0.4	0.5	0.4	0.3
200(8")	0.3	0.3	0.2	0.4	0.25	0.2	0.3	0.3	0.2	0.3	0.3	0.25
250(10")	0.3	0.3	0.2	0.4	0.25	0.2	0.3	0.3	0.2	0.3	0.3	0.2



隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液面计
LEVEL INDICATOR

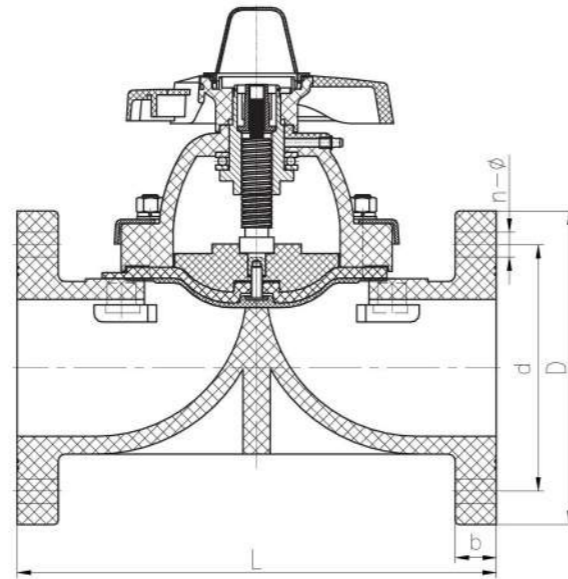
视镜
SIGHT GLASS

插板阀
GATE VALVE

自动化阀门
AUTOMATIC VALVE

DIAPHRAGM VALVE

隔膜阀 执行标准 HG/T2643-2023 GB/T 44578-2024



外形尺寸表 DIMENSION LIST

注：所有材质均可生产。

公称直径 DN (mm)	D			d			L			b			n-Φ		
	GB	JIS	ANSI	GB	JIS	ANSI	GB	JIS	ANSI	GB	JIS	ANSI	GB	JIS	ANSI
15(1/2")	95	95	95	65	70	60.3	125	125	125	14	18	14	4-Φ14	4-Φ15	4-Φ16
20 (3/4")	100	100	100	75	75	69.9	135	120	135	18	18	18	4-Φ14	4-Φ15	4-Φ16
25 (1")	115	125	115	85	90	79.4	145	130	130	18	18	18	4-Φ14	4-Φ19	4-Φ16
32 (1 1/4")	135	135	135	100	100	88.9	160	160	160	18	20	18	4-Φ18	4-Φ19	4-Φ16
40 (1 1/2")	145	140	145	110	105	98.4	180	180	180	20	20	20	4-Φ18	4-Φ19	4-Φ16
50 (2")	160	155	160	125	120	120.7	210	210	210	22	22	22	4-Φ18	4-Φ19	4-Φ18
65 (2 1/2")	180	175	180	145	140	139.7	250	250	250	24	22	24	4-Φ18	4-Φ19	4-Φ18
80 (3")	195	185	195	160	150	152.4	300	280	300	24	22	24	8-Φ19.5	8-Φ19	4-Φ18
100 (4")	229	210	229	180	175	190.5	350	340	350	28	24	28	8-Φ19X21	8-Φ19	8-Φ18
125 (5")		245		210	210	215.9		400					8-Φ18	8-Φ23	8-Φ22
150 (6")		280		240	240	241.3		455					8-Φ23X27	8-Φ23X27	8-Φ23X27
200 (8")		335		295	290	298.5		570					8-Φ22.5	12-Φ23	8-Φ22
250 (10")		390		350	355	362		680					12-Φ23	12-Φ25	12-Φ26
300 (12")		445		400	400			680					12-Φ23	16-Φ25	

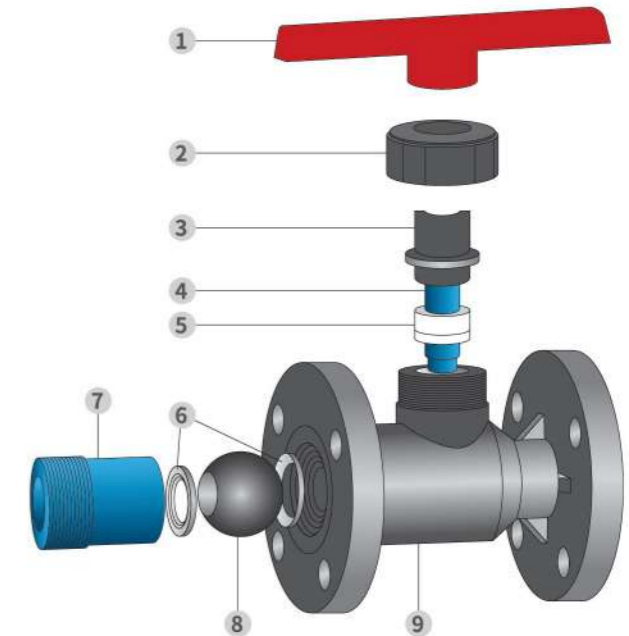
BALL VALVE

球阀 Q41F-10S

产品结构特点 MAIN STRUCTURAL FEATURES

1. 工程塑料系列球阀采用 FRPP、PVDF、PVC-C、PVC-U、PPH 等耐腐蚀热塑性塑料一次注塑成形，有较强抗腐能力。
2. 密封可靠、启闭力矩小。
3. 流体阻力小、启闭迅速。
4. 结构简单、外形美观。

1. Engineering plastic series ball valve adopts FRPP, PVDF, PVC-C, PVC-U, PPH etc the corrosion resistance thermoplastic which formed in a single injection molding and has a strong ability to resist corrosion.
2. Reliable seal, small opening and closing torque.
3. Small fluid resistance, Open/close quickly.
4. Simple structure, beautiful appearance.



一体型球阀装配明细图
Bodily Form Ball Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

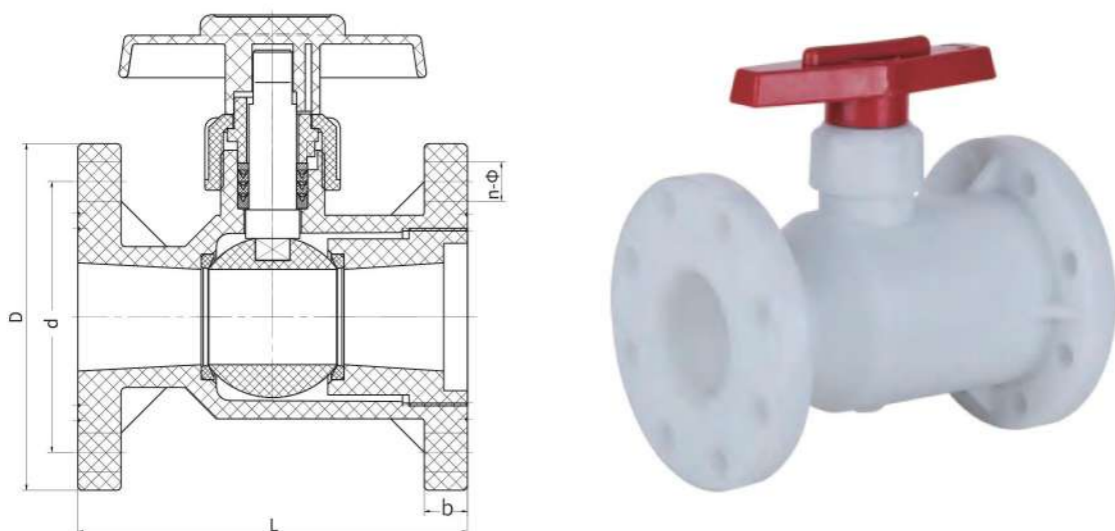
注：所有材质均可生产。

件号 No.	名称 Name	材质 Material
1	手柄 Handle	合金材料 Alloy material
2	压紧螺母 Retaining Nut	FRPP, PVDF, PVC-U, PVC-C, PPH
3	定位圈 Locating ring	FRPP, PVDF, PVC-U, PVC-C, PPH
4	阀杆 Stem	FRPP, PVDF, PVC-U, PVC-C, PPH
5	阀杆密封 Stem seal	PTFE
6	球密封 Sealed ball	PTFE
7	密封座 Seal seat	FRPP, PVDF, PVC-U, PVC-C, PPH
8	球 Ball	FRPP, PVDF, PVC-U, PVC-C, PPH
9	阀体 Body	FRPP, PVDF, PVC-U, PVC-C, PPH

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液位计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

FLANGED BALL VALVE

法兰球阀 执行标准 HG/T2737-2023、GB/T37842-2019



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D			d			L	b	n-Φ		
	GB	JIS	ANSI	GB	JIS	ANSI			GB	JIS	ANSI
15(1/2")	95	95		65	70		120	15	4-Φ15	4-Φ15	
20 (3/4")	105	100	100	75	75	69.9	120	16	4-Φ15	4-Φ15	4-Φ16
25 (1")	120	125	110	85	90	79.4	130	16	4-Φ15	4-Φ19	4-Φ16
32 (1 1/4")	135	135	115	100	100	88.9	145	18	4-Φ18	4-Φ19	4-Φ16
40 (1 1/2")	145	140	125	110	105	98.4	168	20	4-Φ18	4-Φ19	4-Φ16
50 (2")	160	155	150	125	120	120.7	180	20	4-Φ19	4-Φ19	4-Φ18
65 (2 1/2")	180	175	180	145	140	139.7	225	22	4-Φ19	4-Φ19	4-Φ18
80 (3")	195	185	190	160	150	152.4	255	25	8-Φ18.5	8-Φ19	4-Φ18
100 (4")	229	210	229	180	175	190.5	280	25	8-Φ18.5X20	8-Φ19	8-Φ18.5X20
125 (5")	254	250	254	210	210	215.9	350	30	8-Φ18.5X20	8-Φ23	8-Φ22
150 (6")	280	280	280	240	240	241.3	400	30	8-Φ24X27	8-Φ24X27	8-Φ24X27
200 (8")	335	330	335	295	290	298.5	400	35	8-Φ23	12-Φ23	8-Φ22
250 (10")	400	400	400	350	355	362	450	38	12-Φ23X26	12-Φ25	12-Φ26
300 (12")	440	440		400	400		450	38	12-Φ23	16-Φ25	

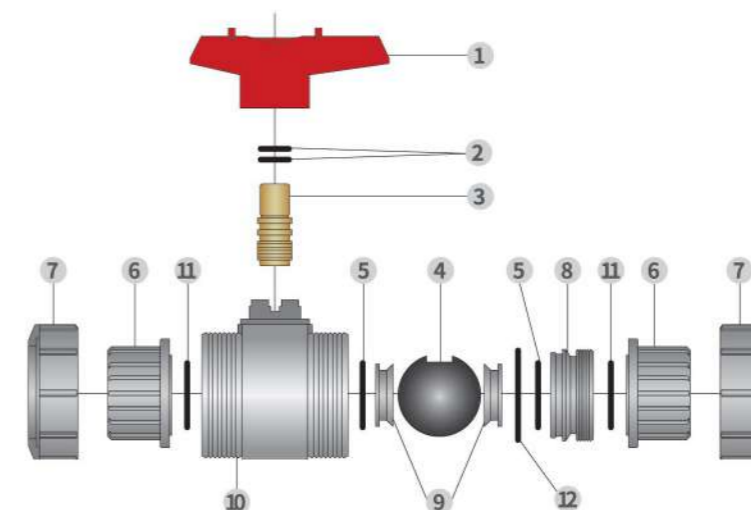
DOUBLE UNIQU BALL VALVE

双由任球阀 Q61F-10S

产品结构特点 MAIN STRUCTURAL FEATURES

1. 双由任球阀 PTFE 垫座松紧可适度调整。
2. 双层 O 型圈提供双重防漏保护。
3. 外观精致、表面光滑、加工精细、全流量设计。

1. The PTFE seat of double-union ball valve can be adjusted tightly.
2. Double O-rings provide double leak protection.
3. Exquisite appearance, smooth surface, fine processing, full flow design.



由任球阀装配明细图
Socket Ball Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

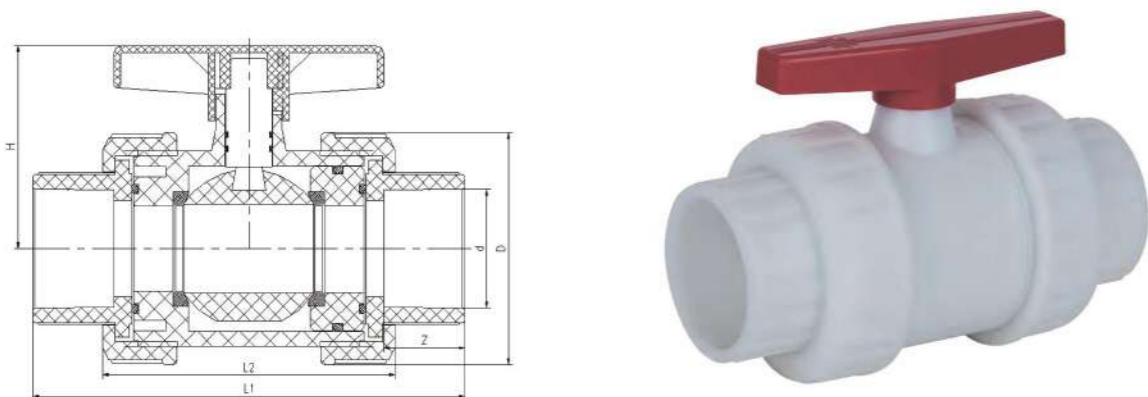
件号 No.	名称 Name	材质 Material
1	手柄 Hand wheel	合金料 Alloy material
2	密封圈 Sealing ring	EPDM,FPM
3	阀杆 Stem	FRPP,PVDF,PVC-U,PVC-C,PPH
4	球 Ball	FRPP,PVDF,PVC-U,PVC-C,PPH
5	密封圈 Sealing ring	EPDM,FPM
6	承插、螺纹接头 Socket join	FRPP,PVDF,PVC-U,PVC-C,PPH
7	压紧螺母 Retaining nut	FRPP,PVDF,PVC-U,PVC-C,PPH
8	密封座 Seal seat	FRPP,PVDF,PVC-U,PVC-C,PPH
9	球密封 Ball seal	PTFE
10	阀体 Body	FRPP,PVDF,PVC-U,PVC-C,PPH
11	密封圈 Sealing ring	EPDM,FPM
12	密封圈 Sealing ring	EPDM,FPM

注：所有材质均可生产

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液位计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

UNIOU (SOCKET / THREADED) BALL VALVE

由任 (承插 / 螺口) 球阀 A 款 执行标准 HG/T2737-2023、GB/T37842-2019



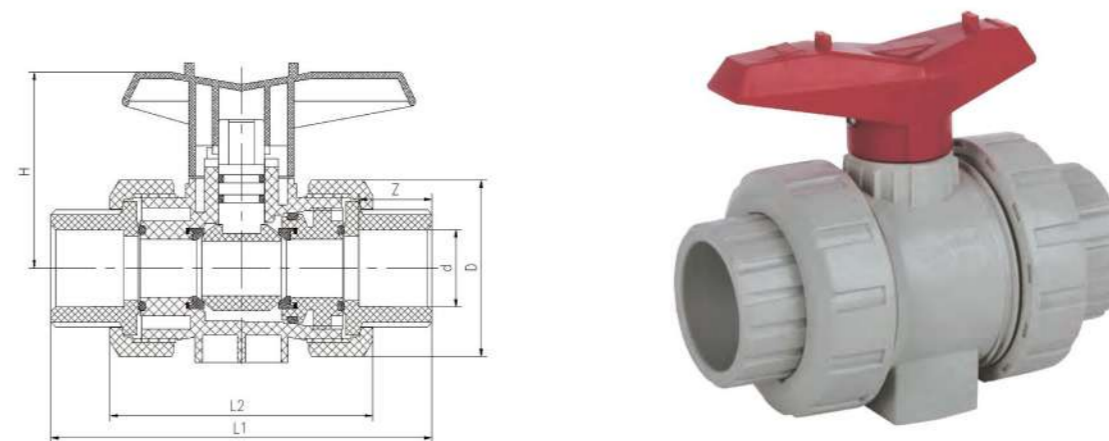
外形尺寸表 DIMENSION LIST

规格 DN	D	d	L1	L2	Z	H
15	48	20	105	80	17.5	42
20	60	25	127	92.5	23	52
25	72	32	144.5	107	26.5	61.5
32	82.5	40	171.5	114	36	80
40	100.5	50	183.5	128.5	34.5	87.5
50	112	63	201.5	146.5	38	95
65	133	75	232.5	159.5	44.5	113.5
80	154	90	284	190	53	130
100	172	110	340	230	65.5	153.5

1. 阀门有由任与螺纹两种连接。
The valve has two kinds of connection (socket or thread connection) .
2. 此阀门可根据客户要求加装执行器, 可安装气动电动执行器。
This valve can be equipped with actuators according to customer requirements, and can be installed with pneumatic & electric actuators.

UNIOU (SOCKET / THREADED) BALL VALVE

由任 (承插 / 螺口) 球阀 B 款 执行标准 HG/T2737-2023、GB/T37842-2019



外形尺寸表 DIMENSION LIST

规格 DN	D	d	L1	L2	Z	H
15	50	20	110	77	20	59
20	58	25	126	87	24	65
25	70	32	140	96	27	70
32	85	40	160	110	30	90
40	98	50	170	120	32	100
50	127	63	190	140	37	110
65	144	75	230	158	44	115
80	158	90	280	207	51	120
100	192	110	340	238	61	130

1. 阀门有由任与螺纹两种连接。
The valve has two kinds of connection (socket or thread connection) .
2. 此阀门可根据客户要求加装执行器, 可安装气动电动执行器。
This valve can be equipped with actuators according to customer requirements, and can be installed with pneumatic & electric actuators.

HANDLE BUTTERFLY VALVE

手柄式蝶阀 D71X-10S

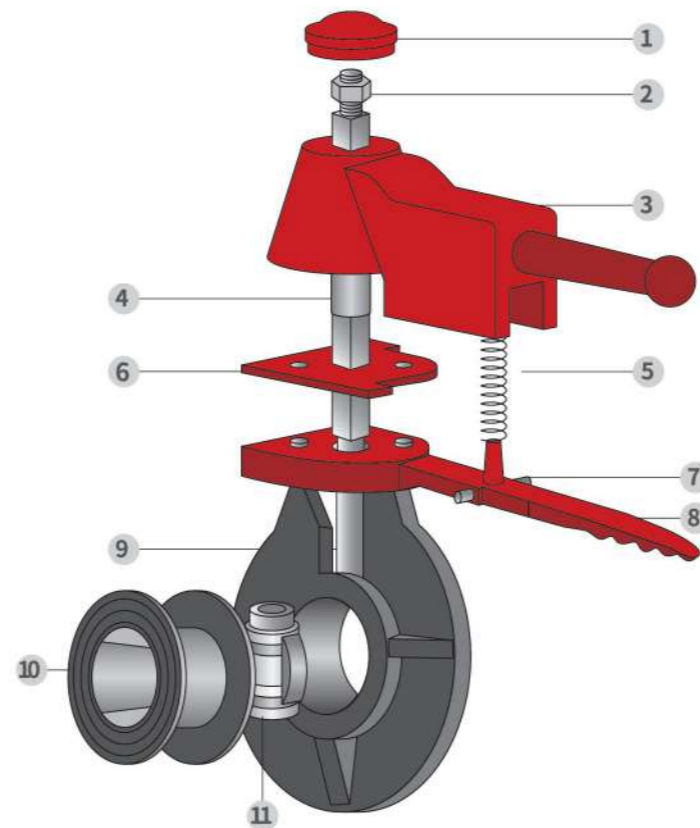
产品结构特点 MAIN STRUCTURAL FEATURES

1. 阀门小巧轻便，容易拆装及维修，并可在任意位置安装。
2. 结构简单、紧凑、操作扭矩小，90°回转开启迅速。
3. 流量特性趋直线，调节性能好。

1. The valve is small and light, easy to disassemble and repair, and can be installed at any position.
2. The structure is simple & compact, and the operating torque is small, and the 90° rotation is opened quickly.
3. The flow characteristics tend to be straight and the adjustment performance is good.

零件材质表 PART MATERIAL TABLE

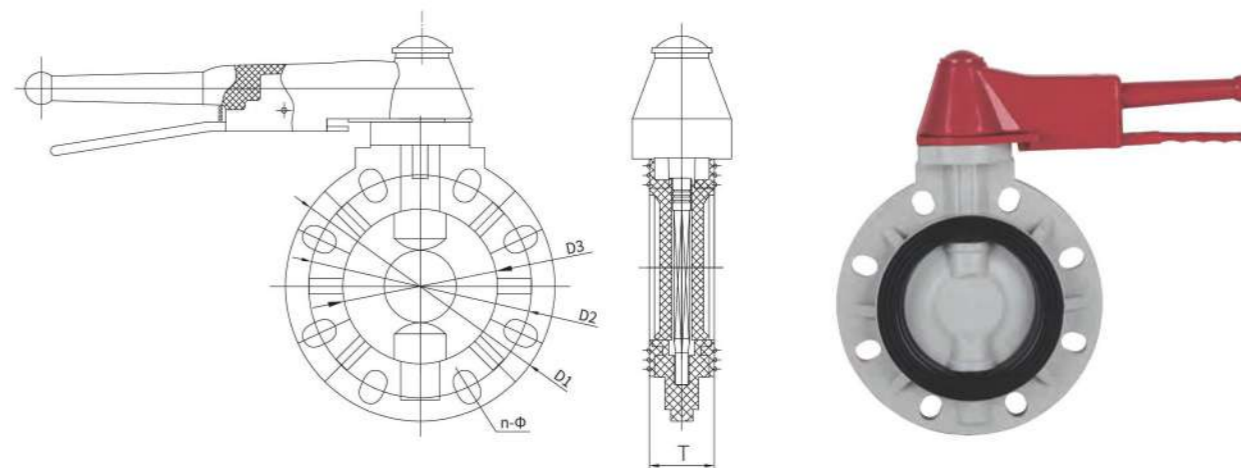
件号 No.	名称 Name	材质 Material
1	手柄盖 Handle head	合金料 Alloy material
2	六角螺母 Hexagonal nut	钢、不锈钢 Steel, Stainless steel
3	手柄 Hand whell	合金料 Alloy material
4	阀杆 Stem	钢、不锈钢 Steel, Stainless steel
5	弹簧 Spring	钢 Steel
6	调节定位板 Adjust the positioning plate	合金料 Alloy material
7	销 Pin	钢 Steel
8	定位杆 Locating rod	合金料 Alloy material
9	阀体 Body	FRPP, PVDF, PVC-C, PVC-U, PPH
10	密封橡胶 Sealing rubber	EPDM, FPM
11	阀板 Valve Plate	FRPP, PVDF, PVC-C, PVC-U, PPH



手柄式蝶阀装配明细图
Handle Butterfly Valve Assembly Detail Drawing

HANDLE BUTTERFLY VALVE

手柄式蝶阀 (A款) 执行标准 GB/T27725-2011



外形尺寸表 DIMENSION LIST

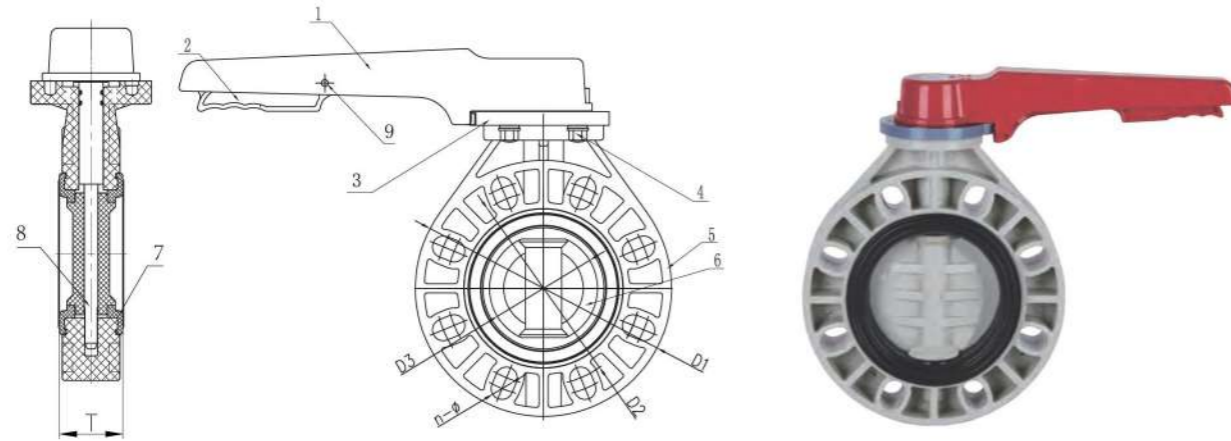
公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
32 (1 1/4")	140	100	100	88.9	35	35	4-Φ17X25	4-Φ19	4-Φ16
40 (1 1/2")	150	110	105	98.4	45	40	4-Φ18	4-Φ19	4-Φ16
50 (2")	160	125	120	120.7	51	42	4-Φ18	4-Φ19	4-Φ19
65 (2 1/2")	180	145	140	139.7	66	47	4-Φ18	4-Φ19	4-Φ19
80 (3")	200	160	150	152.4	79	45	8-Φ18X22	8-Φ19	4-Φ19
100 (4")	220	180	175	190.5	98.5	55	8-Φ18X22	8-Φ19	8-Φ19
125 (5")	250	210	210	215.9	125	65	8-Φ18X22	8-Φ23	8-Φ22
150 (6")	290	240	240	241.3	148	75	8-Φ22X28	8-Φ23	8-Φ22
200 (8")	340	295	290	298.5	201	85	8-Φ24X28	12-Φ23	8-Φ22

此阀门可根据客户要求加装执行器，可安装气动电动执行器或蜗轮箱，运用相关材质快速安装模块，螺栓孔尺寸符合相关行业标准。

This valve can be equipped with actuators according to customer requirements, can be installed pneumatic or electric actuators reduction gear box, using the related material quickly install the module, bolt hole size comply with relevant industry standards.

HANDLE BUTTERFLY VALVE

手柄式蝶阀 (B款) 执行标准 GB/T27725-2011



零件材质表 PART MATERIAL TABLE

编号 NO.	部件名称 Parts Name	材质 Material	数量 Qty.
1	手柄 Handle	合金料 Alloy Material	1
2	定位杆 Locating Rod	合金料 Alloy Material	1
3	定位板 Positioning plate	合金料 Alloy Material	1
4	螺帽罩 Nut Cup	FRPP	4
5	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH	1
6	阀板 Valve Plate	FRPP,PVDF,PVC-C,PVC-U,PPH	1
7	密封橡胶 Rubber seal	EPDM, FPM	1
8	阀杆 Stem	钢、不锈钢 Steel,Stainless steel	1
9	销子 Pin	合金料 Alloy material	1

外形尺寸表 DIMENSION LIST

公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
40	148	110	105	98.4	45	39	4-Φ19X25	4-Φ19X25	4-Φ19X25
50	162	125	120	120.7	50	40	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
65	180	145	140	139.7	64	42	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
80	198	160	150	152.4	77	42	8-Φ19X25	8-Φ19X24	4-Φ19X20
100	225	180	175	190.5	96	52	8-Φ18X32	8-Φ19X32	8-Φ19X32
125	255	210	210	215.9	120	61	8-Φ23X33	8-Φ23X33	8-Φ23X33
150	285	240	240	241.3	145	71	8-Φ23X34	8-Φ23X34	8-Φ23X34
200	340	295	290	298.5	196.5	81	8-Φ23X33.5	12-Φ23x27	8-Φ23x33.5

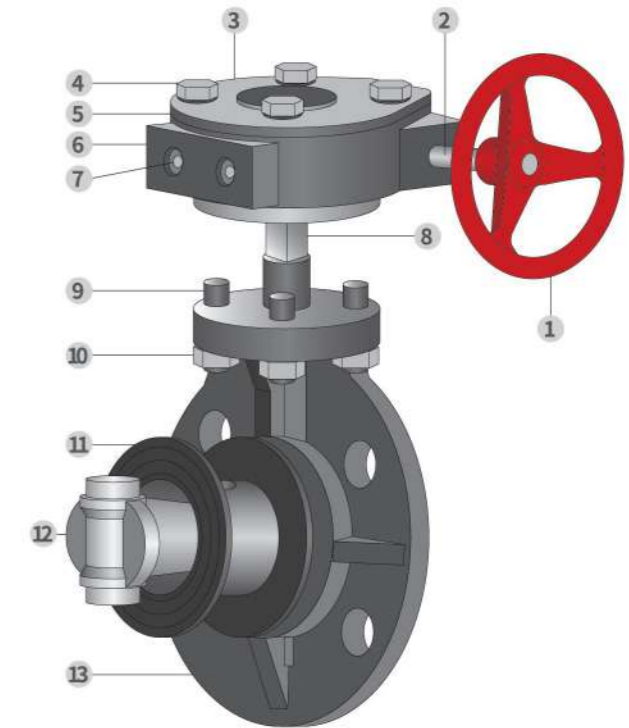
WORM-GEAR TYPE BUTTERFLY VALVE

蜗轮式蝶阀 D371X-10S

产品结构特点 MAIN STRUCTURAL FEATURES

1. 阀门小巧轻便, 容易拆装及维修, 并可在任意位置安装。
2. 结构简单、紧凑、操作扭矩小, 90°回转开启迅速。
3. 流量特性趋直线, 调节性能好。

1. The valve is small and light, easy to disassemble and repair, and can be installed at any position.
2. The structure is simple & compact, and the operating torque is small, and the 90° rotation is opened quickly.
3. The flow characteristics tend to be straight and the adjustment performance is good.



蜗轮式蝶阀装配明细图
Worm-gear Type Butterfly Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	手轮 Hand wheel	铸铁, 铝合金 Cast Iron, Aluminium alloy
2	蜗轮轴 Worm gear bear	钢 Steel
3	指示器铭牌 Data lplate	ABS 铝
4	六角螺栓 Hexagon bolt	钢、不锈钢 Steel,Stainless steel
5	蜗轮盖 Worm gear lid	铸铁, 铝合金 Cast Iron,Aluminium alloy
6	蜗轮箱 Worm gear	铸铁, 铝合金 Cast Iron,Aluminium alloy
7	限位螺栓	钢、不锈钢 Steel,Stainless steel
8	阀杆 Stem	钢、不锈钢 Steel,Stainless steel
9	双头螺柱 Double headed stud	钢、不锈钢 Steel,Stainless steel
10	六角螺母 Hex nuts	钢、不锈钢 Steel,Stainless steel
11	密封橡胶 Rubber seal	EPDM,FPM
12	阀板 Valve Plate	FRPP,PVDF,PVC-C,PVC-U,PPH
13	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液面计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液面计
LEVEL INDICATOR

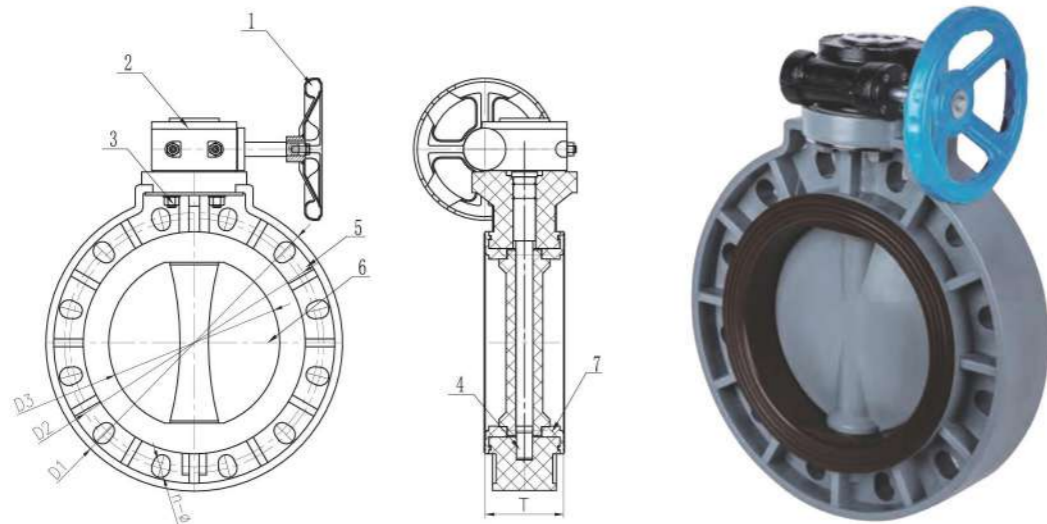
视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

WORM-GEAR TYPE BUTTERFLY VALVE

蜗轮式蝶阀 (A款) 执行标准 GB/T27725-2011



外形尺寸表 DIMENSION LIST

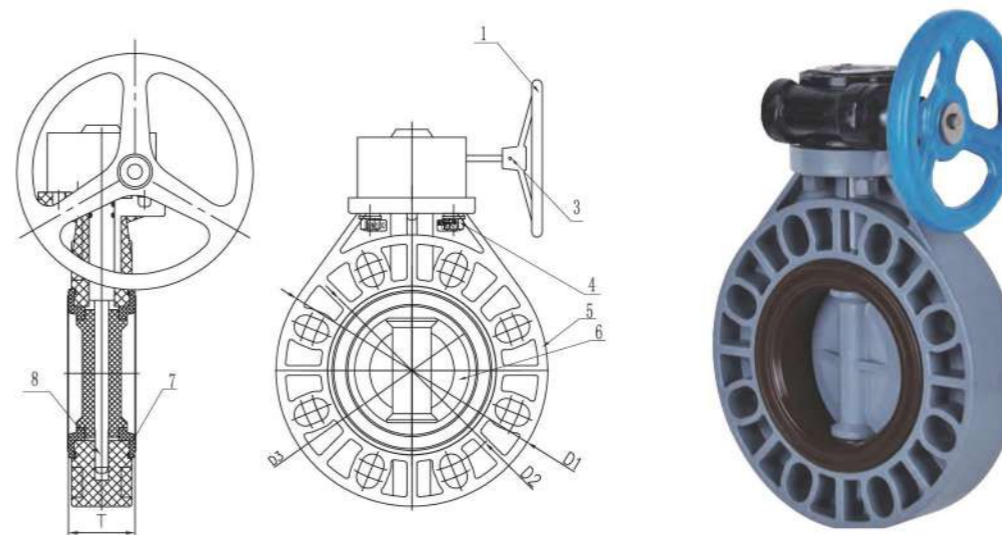
公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
32 (1 1/4")	140	100	100	88.9	33	35	4-Φ17	4-Φ17	4-Φ17
40 (1 1/2")	150	110	105	98.4	41.5	39	4-Φ19X25	4-Φ19X25	4-Φ19X25
50 (2")	160	125	120	120.7	50	40	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
65 (2 1/2")	180	145	140	139.7	64	42	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
80 (4")	200	160	150	152.4	77	42	8-Φ19X25	8-Φ19X25	4-Φ19X20
100 (4")	225	180	175	190.5	96	52	8-Φ19X32	8-Φ19X32	8-Φ19X32
125 (5")	255	210	210	215.9	120	61	8-Φ23X33	8-Φ23X33	8-Φ23X33
150 (6")	290	240	240	241.3	145	71	8-Φ23X34	8-Φ23X34	8-Φ23X34
200 (8")	340	295	290	298.5	196.5	81	8-Φ23X33.5	12-Φ23X27	8-Φ23X33.5
250 (10")	420	350	355	362	245.5	110	12-Φ23.5X32	12-Φ23.5X32	12-Φ23.5X32
300 (12")	500	400		431.8	291.5	115	12-Φ28X48		12-Φ28X48
350 (14")	550	460		476.3	340	127	16-Φ26		12-Φ33
400 (16")	619	515	510	539.8	399	140	16-Φ36X52	16-Φ36X52	16-Φ36X52
450 (18")	655	565	565	577.9	446	150	20-Φ25	20-Φ27	16-Φ33
500 (20")	705	620	620	635	494	150	20-Φ26X33	20-Φ27X33	20-Φ26X33
600 (24")	816	725		749.3	570	170	20-Φ28X38		20-Φ28X38
700 (28")	910	840	840		670	185	24-Φ33X44	24-Φ33X44	
800 (32")	1055	960	950	977.9	755	240	24-Φ44.5X65	28-Φ36X52	24-Φ44.5X65
1000 (40")	1230	1160	1160		935	236	28-Φ36X52	28-Φ39	

此阀门可根据客户要求加装执行器,可安装气动电动执行器或蜗轮箱,运用相关材料快速安装模块,螺栓孔尺寸符合相关行业标准。

This valve can be equipped with actuators according to customer requirements, can be installed pneumatic or electric actuators reduction gear box, using the related material quickly install the module, bolt hole size comply with relevant industry standards.

WORM-GEAR TYPE BUTTERFLY VALVE

蜗轮式蝶阀 (B款) 执行标准 GB/T27725-2011



零件材质表 PART MATERIAL TABLE

编号 NO.	部件名称 Parts Name	材质 Material	数量 Qty.
1	手轮 Hand Wheel	铸铁 Cast iron	1
2	蜗轮头 Worm gear	铸铁 Cast iron	1
3	销子 Pin	钢 Steel	1
4	螺帽罩 Nut Cup	FRPP	4
5	阀体 Body	FRPP, PVDF, PVC-C, PVC-U, PPH	1
6	阀板 Valve Plate	FRPP, PVDF, PVC-C, PVC-U, PPH	1
7	密封橡胶 Rubber seal	EPDM, FPM	1
8	阀杆 Stem	钢、不锈钢 Steel, Stainless steel	1

外形尺寸表 DIMENSION LIST

公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
40 (1 1/2")	148	110	105	98.4	41.5	39	4-Φ19X25	4-Φ19X25	4-Φ19X25
50 (2")	162	125	120	120.7	50	40	4-Φ19X26.5	4-Φ19X25.6	4-Φ19X25.6
65 (2 1/2")	180	145	140	139.7	64	42	4-Φ19X26.5	4-Φ19X25.6	4-Φ19X25.6
80 (3")	198	160	150	152.4	77	42	8-Φ19X25	8-Φ19X24	4-Φ19X20
100 (4")	225	180	175	190.5	96	52	8-Φ19X32	8-Φ19X32	8-Φ19X32
125 (5")	255	210	210	215.9	120	61	8-Φ23X33	8-Φ23X33	8-Φ23X33
150 (6")	285	240	240	241.3	145	71	8-Φ23X34	8-Φ23X34	8-Φ22X34
200 (8")	340	295	290	298.5	196.5	81	8-Φ23X33.5	12-Φ23X27	8-Φ22X33.5

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

球阀
BOTTOM VALVE

视镜
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

球阀
BOTTOM VALVE

视镜
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀门 AUTOMATIC VALVE

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀门 AUTOMATIC VALVE

FLANGE TYPE GLOBE VALVE

法兰式截止阀 J41F-10S

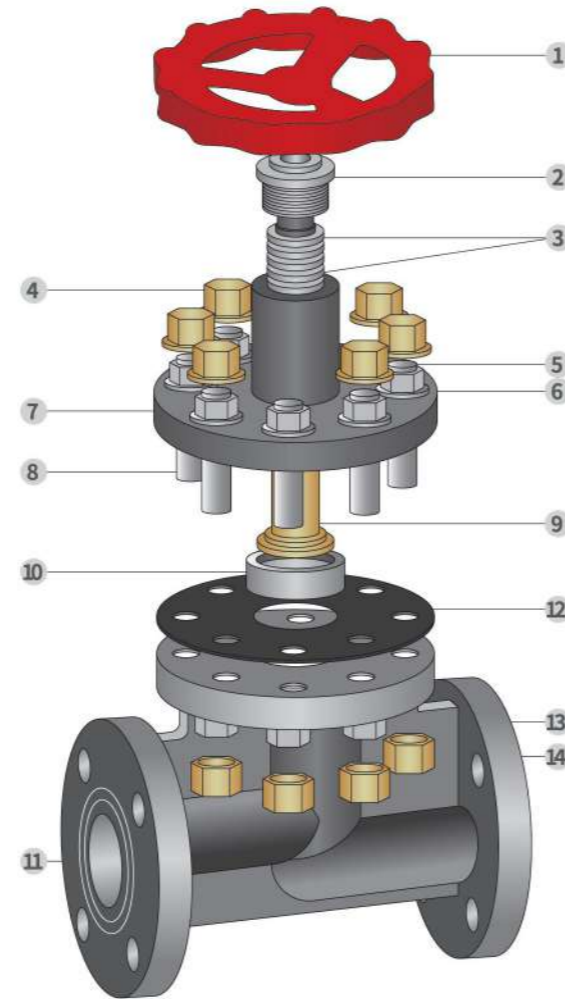
产品结构特点 MAIN STRUCTURAL FEATURES

1. 塑料阀体具有优良的耐腐蚀性、耐磨损性。
2. 设计紧凑、价廉物美。
3. 提供流量调整用的阀门。

- 1.The plastic body has excellent corrosion resistance, chemical resistance and abrasion resistance.
- 2.Compact design, high quality and inexpensive.
- 3.Provide flow adjustment.

零件材质表 PART MATERIAL TABLE

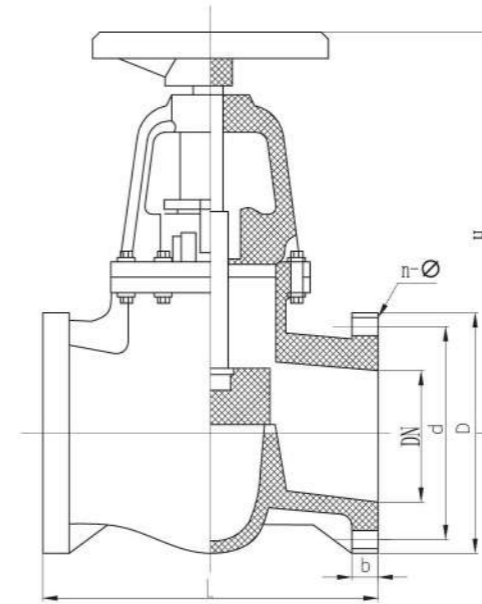
件号 No.	名称 Name	材质 Material
1	手轮 Hand whell	合金料 Alloy material
2	密封螺母 Seal nut	FRPP,PVDF,PVC-C, PVC-U,PPH
3	阀杆密封 Yoke seal	PTFE
4	螺母盖 Cap nut	FRPP
5	六角螺母 Hex nuts	钢 Steel、 不锈钢 stainless steel
6	垫片 Filling plece	钢 Steel、 不锈钢 stainless steel
7	阀盖 Bonnet	FRPP,PVDF,PVC-C, PVC-U,PPH
8	双头螺柱 Double headed stud	钢 Steel、 不锈钢 stainless steel
9	阀杆 Stem	钢 + 塑 Steel+Plastic
10	封盖 Capping	FRPP,PVDF,PVC-C, PVC-U,PPH
11	阀体 Body	FRPP,PVDF,PVC-C, PVC-U,PPH
12	橡胶垫片 Rubber washer	EPDM,FPM
13	六角螺母 Hex nuts	钢 Steel、 不锈钢 stainless steel
14	螺母盖 Cap nut	FRPP



法兰式截止阀装配明细图
Flange Type Globe Valve Assembly Detail Drawing

FLANGE TYPE GLOBE VALVE

法兰式截止阀 执行标准 GB/T28494-2012



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-φ		
		GB	JIS	ANSI			GB	JIS	ANSI
15(1/2")	105	65	70	60.3	155	18	4-φ14	4-φ15	4-φ16
20 (3/4")	105	75	75	69.9	155	18	4-φ14	4-φ15	4-φ16
25 (1")	115	85	90	79.4	160	20	4-φ14	4-φ19	4-φ16
32 (1 1/4")	135	100	100	88.9	185	20	4-φ18	4-φ19	4-φ16
40 (1 1/2")	150	110	105	98.4	200	20	4-φ18	4-φ19	4-φ16
50 (2")	165	125	120	120.7	230	20	4-φ18	4-φ19	4-φ18
65 (2 1/2")	185	145	140	139.7	295	24	4-φ18	4-φ19	4-φ18
80 (3")	200	160	150	152.4	310	25	8-φ18	8-φ19	4-φ18
100 (4")	220	180	175	190.5	350	26	8-φ18	8-φ19	8-φ18
125 (5")	250	210	210	215.9	400	30	8-φ18	8-φ23	8-φ22
150 (6")	285	240	240	241.3	480	33	8-φ22	8-φ23	8-φ22

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液位计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
自动阀 AUTOMATIC VALVE

SWING TYPE CHECK VALVE

旋启式止回阀 H44F-10S

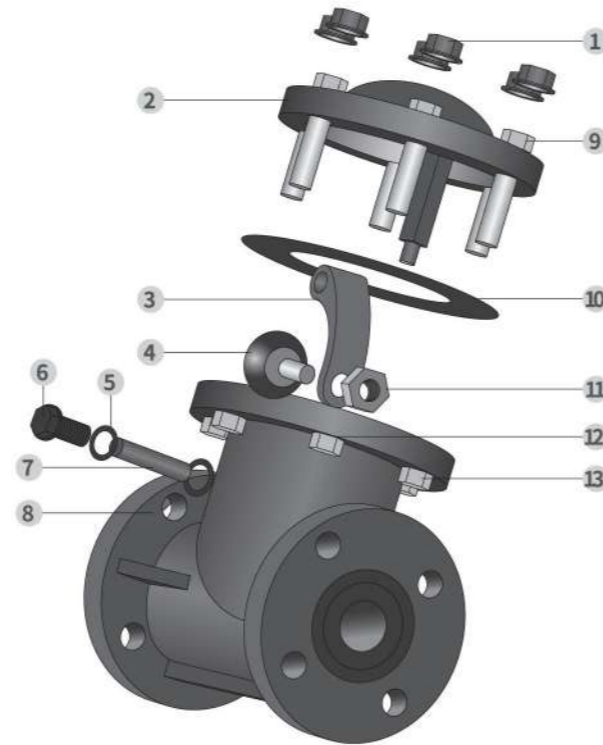
产品结构特点 MAIN STRUCTURAL FEATURES

1. 防止液体的逆流现象，保护泵设备等。
2. 由于是悬臂式止回阀，对流体产生阻力较小。
3. 全塑料材料制造，发挥酸碱等腐蚀性流体的强耐腐蚀性。
4. 不仅可从配管上拆卸阀体，而且，可打开阀帽，进行内部点检维护。

- 1.To prevent the phenomenon of liquid counter-current to protect the pump equipment.
- 2.Because it is a cantilever check valve, there is less resistance to flow.
- 3.Using all plastic materials,it plays a Strong corrosion resistance to prevent acid and alkali fluid.
- 4.Not only remove the valve body from the piping, but also open the bonnet for internal inspection and maintenance.

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	螺帽盖 Cap nut	FRPP
2	阀盖 Bonnet	FRPP,PVDF,PVC-C,PVC-U,PPH
3	摇杆 Rocker	FRPP,PVDF,PVC-C,PVC-U,PPH
4	封盖 Capping	FRPP,PVDF,PVC-C,PVC-U,PPH
5	密封圈 Seal ring	EPDM,FPM
6	密封螺母 Seal nut	FRPP,PVDF,PVC-C,PVC-U,PPH
7	连接杆 Connecting rod	FRPP,PVDF,PVC-C,PVC-U,PPH
8	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH
9	六角螺栓 Hexagon bolt	钢、不锈钢 Steel,Stainless steel
10	O型圈 O-rings	EPDM,FPM
11	六角螺栓 Hexagon bolt	FRPP,PVDF,PVC-C,PVC-U,PPH
12	垫片 Filling piece	钢、不锈钢 Steel,Stainless steel
13	六角螺母 Hex nuts	钢、不锈钢 Steel,Stainless steel

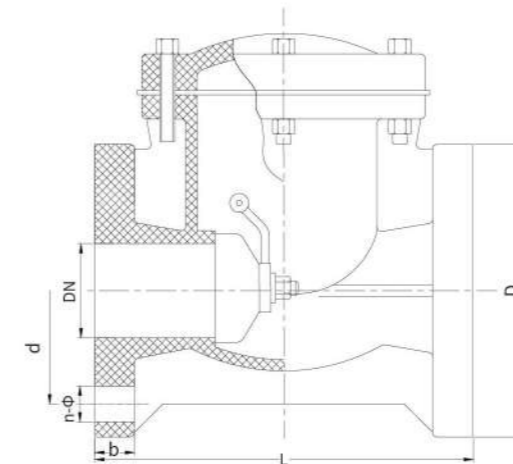


旋启式止回阀装配明细图
Swing Type Check Valve Assembly Detail Drawing



SWING TYPE CHECK VALVE

旋启式止回阀



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-φ		
		GB	JIS	ANSI			GB	JIS	ANSI
15 (1/2")	115	65	70		160	18	4-φ14	4-φ15	
20 (3/4")	115	75	75	69.9	160	18	4-φ14	4-φ15	4-φ16
25 (1")	115	85	90	79.4	160	18	4-φ18	4-φ19	4-φ16
32 (1 1/4")	145	100	100		170	20	4-φ18	4-φ19	
40 (1 1/2")	145	110	105	98.4	170	20	4-φ18	4-φ19	4-φ16
50 (2")	160	125	120	120.7	200	21	4-φ18	4-φ19	4-φ18
65 (2 1/2")	180	145	140	139.7	245	25	4-φ18	4-φ19	4-φ18
80 (3")	195	160	150	152.4	265	26	8-φ18	8-φ19	4-φ18
100 (4")	230	180	175	190.5	300	26	8-φ18	8-φ19	8-φ18
125 (5")	250	210	210	215.9	350	30	8-φ18	8-φ23	8-φ22
150 (6")	280	240	240	241.3	400	30	8-φ22	8-φ23	8-φ22
200 (8")	340	295	290	298.5	500	30	8-φ22	12-φ23	8-φ22
250 (10")	390	350	355	362	575	38	12-φ22	12-φ25	12-φ26
300 (12")	445	400	400		575	38	12-φ22	16-φ25	

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液位计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
自动阀 AUTOMATIC VALVE

LIFE TYPE CHECK VALVE 升降式止回阀

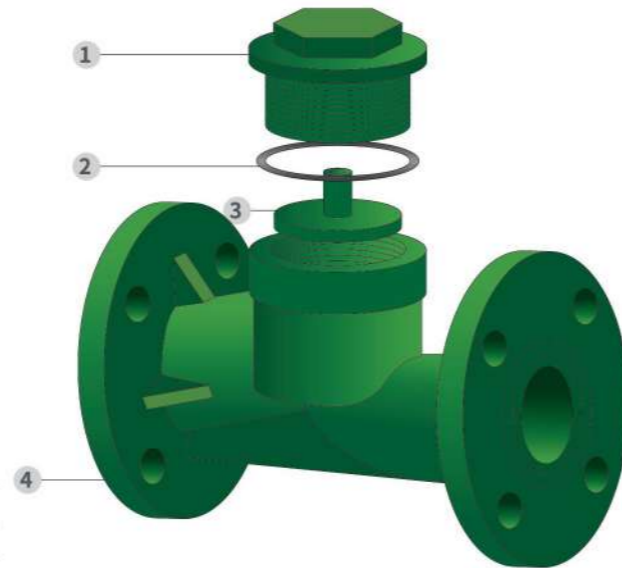
产品结构特点 MAIN STRUCTURAL FEATURES

1. 规格齐全
2. 性能可靠
3. 使用范围广
4. 安装简易可靠
5. 可任意位置安装

- 1.The Size : From DN15 to DN300
- 2.Reliable performance.
- 3.Wide application range.
- 4.Easy installation.
- 5.Install in any position.

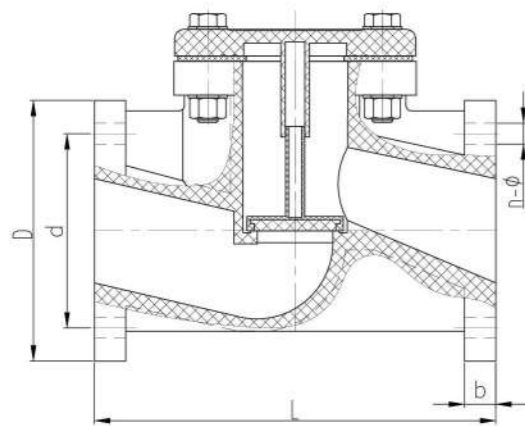
零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	阀盖 Bonnet	FRPP
2	O 型圈 O-ring	EPDM
3	活塞 Pistons	PP + PTEE
4	阀体 Body	FRPP



升降式止回阀装配明细图
Life Type Check Valve Assembly Detail Drawing

LIFE TYPE CHECK VALVE 升降式止回阀



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
40 (1 1/2")	150	110	110	98.4	200	20	4-Φ18	4-Φ19	4-Φ16
50 (2")	165	125	125	120.7	230	20	4-Φ18	4-Φ19	4-Φ18
65 (2 1/2")	185	145	145	139.7	295	24	4-Φ18	4-Φ19	4-Φ18
80 (3")	200	160	160	152.4	310	25	8-Φ18	8-Φ19	4-Φ18

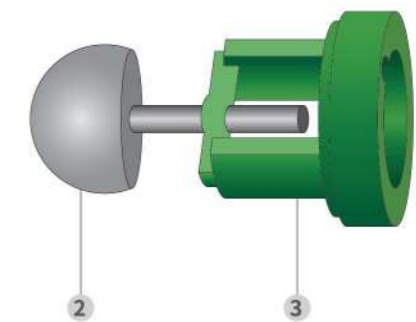
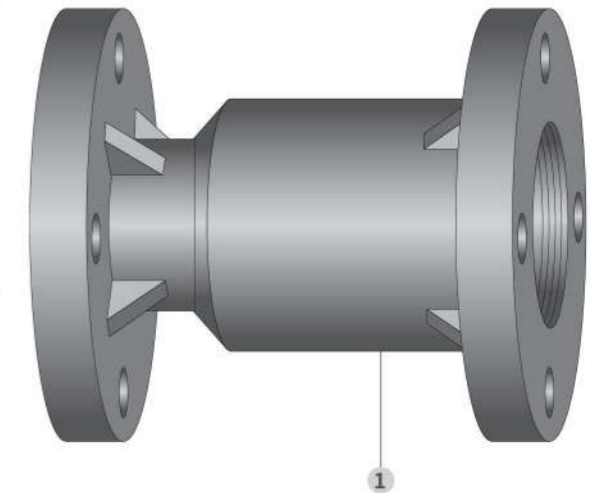


BALL CHECK VALVE 立式止回阀 H41F-10S

产品结构特点 MAIN STRUCTURAL FEATURES

- 1. 耐腐蚀**
阀门整体采用新型塑料制造。对于各种酸碱介质都有较强的抗腐蚀性。
- 2. 流量大**
阀门结构设计合理,从而减少整个管路的阻力,使介质能够顺利地通过,从而降低了压力的损失,保证了流量。
- 3. 止回性**
结构简单,不易受其它因素的影响,所以具有优良的止回性。
- 4. 小而轻**
阀门整体形状小巧,适合安装在狭小空间内。

- 1. Corrosion resistance**
The whole valve is made of new plastic. It has strong corrosion resistance to all kinds of acid and alkali media.
- 2. Large flow**
Valve struture design is reasonable,so as to reduce the resistance of whole pipeline,so that the medium can pass smoothly,thus reducing the loss of pressure, to ensure the flow
- 3. The nature of non-return**
Simple structure,not easy to be affected by other factors, so it has exellect non-return performance
- 4. Small and light shape**
The whole shape of the valve is small,so it can be installed in limited space



立式止回阀装配明细图
Ball Check Valve Assembly Detail Drawing

外形尺寸表 DIMENSION LIST

件号 No.	名称 Name	材质 Material
1	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH
2	球芯 Ball Core	FRPP,PVDF,PVC-C,PVC-U,PPH
3	密封支架 Seal stent	FRPP,PVDF,PVC-C,PVC-U,PPH

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

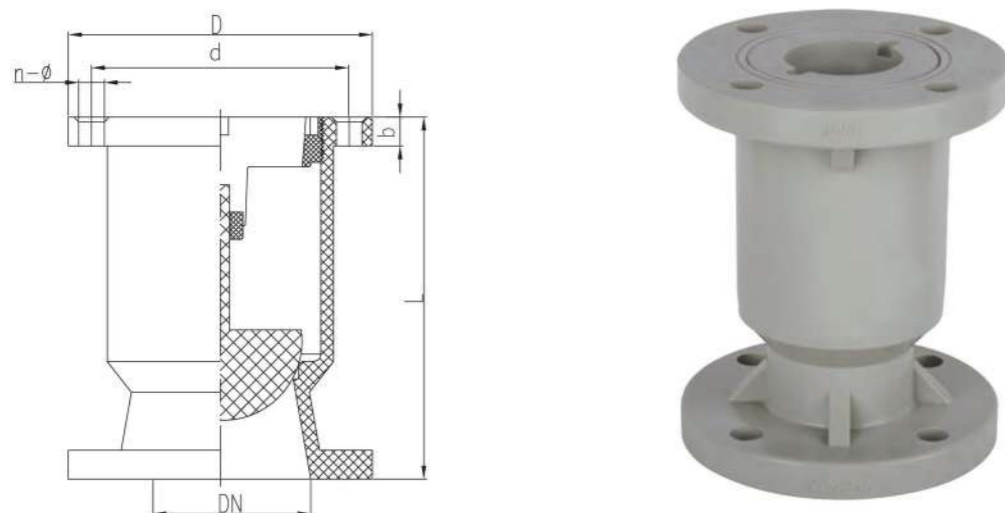
液面计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀门
AUTOMATIC VALVE

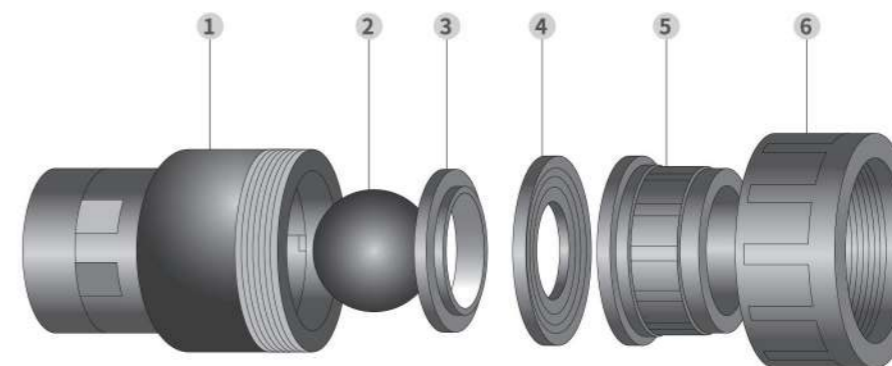
BALL CHECK VALVE 立式止回阀



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-φ		
		GB	JIS	ANSI			GB	JIS	ANSI
15(1/2")	105	65	70		120	15	4-φ14	4-φ15	
20 (3/4")	105	75	75		120	16	4-φ14	4-φ15	
25 (1")	115	85	90		130	16	4-φ14	4-φ19	
32 (1 1/4")	135	100	100		145	18	4-φ18	4-φ19	
40 (1 1/2")	145	110			168	20	4-φ18		
50 (2")	160	125			180	20	4-φ18		
65 (2 1/2")	180	145			225	22	4-φ18		
80 (3")	195	160			255	25	8-φ18		
100 (4")	215	180		190.5	280	25	8-φ18		8-φ18
125 (5")	245	210	210	215.9	350	30	8-φ18	8-φ23	8-φ22
150 (6")	280	240	240	241.3	400	30	8-φ22	8-φ23	8-φ22
200 (8")	335	295	290	298.5	400	35	8-φ22	12-φ23	8-φ22
250 (10")	390	350	355	362	450	38	12-φ22	12-φ25	12-φ26
300 (12")	445	400	400		450	38	12-φ22	16-φ25	

SINGLE UNION SOCKET CHECK VALVE 单由任止回阀 H61F-10S



单由任止回阀装配明细图
Single Union Scket Check Valve Assembly Detail Drawing

产品结构特点 MAIN STRUCTURAL FEATURES

1. 逆流保护

因为其级成部件数量的减小, 该阀不易受外界压力的影响, 同时, 该阀具有很高的精确性, 所以完全可以防止逆流。

2. 精致和轻巧

由任止回阀结构精致, 重量轻巧, 因而可以安装在有限的空间中, 而且很容易维护。

1. Non-return protection

The valve is not susceptible to external pressure because of its reduced number of components. At the same time, the valve is highly accurate, so it can be completely prevented.

2. Delicate and light weight

The valve structure is delicate and lightweight, so it can be installed in limited space and easy to maintain.

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH
2	实心球 Solid ball	FRPP,PVDF,PVC-C,PVC-U,PPH
3	阀盖 Bonnet	FRPP,PVDF,PVC-C,PVC-U,PPH
4	密封橡胶 Seal rubber	FPM,EPDM
5	承插接头 Socket joint	FRPP,PVDF,PVC-C,PVC-U,PPH
6	压紧螺母 Retaining Nut	FRPP,PVDF,PVC-C,PVC-U,PPH

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液面计
LEVEL INDICATOR

视镜
SIGHT GLASS

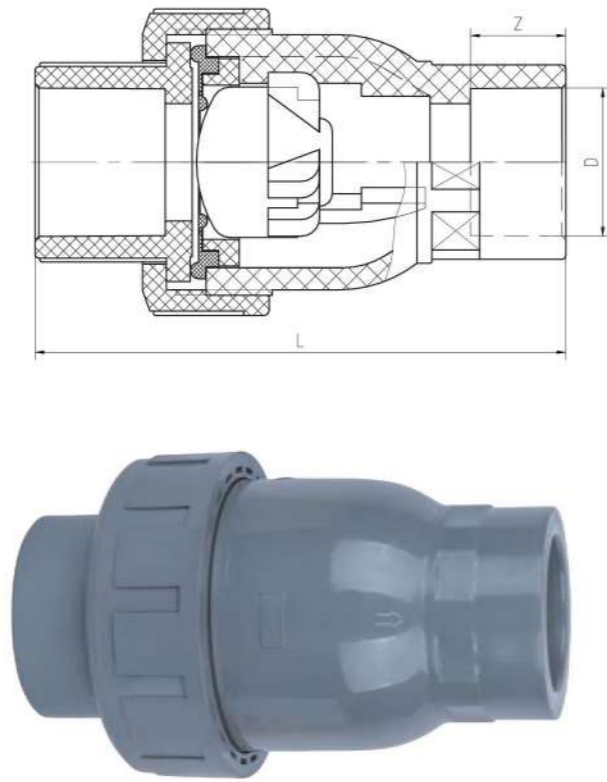
插板阀
GATE VALVE

自动阀门
AUTOMATIC VALVE

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

SINGLE UNION SOCKET CHECK VALVE

单由任止回阀

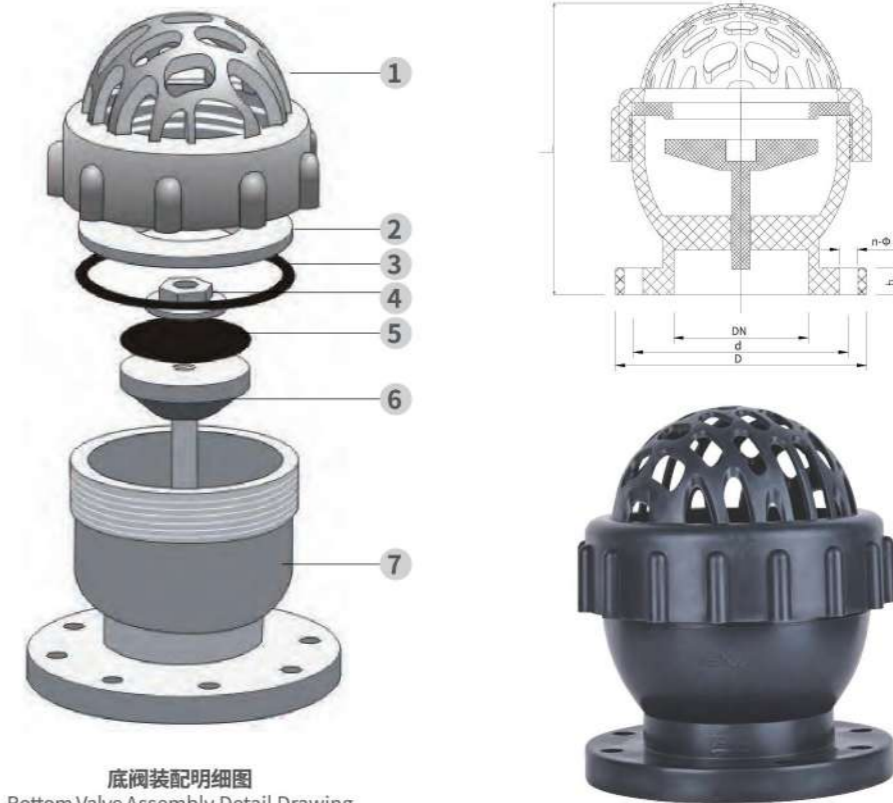


外形尺寸表 DIMENSION LIST

规格 DN	L	D	Z
15	86	20	20
20	103	25	24
25	117	32	26.5
32	144	40	26
40	154	50	31
50	175	63	35
65	270	75	45
80	275	90	45
100	320	110	57

BOTTOM VALVE

底阀 H42F-10S



底阀装配明细图
Bottom Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

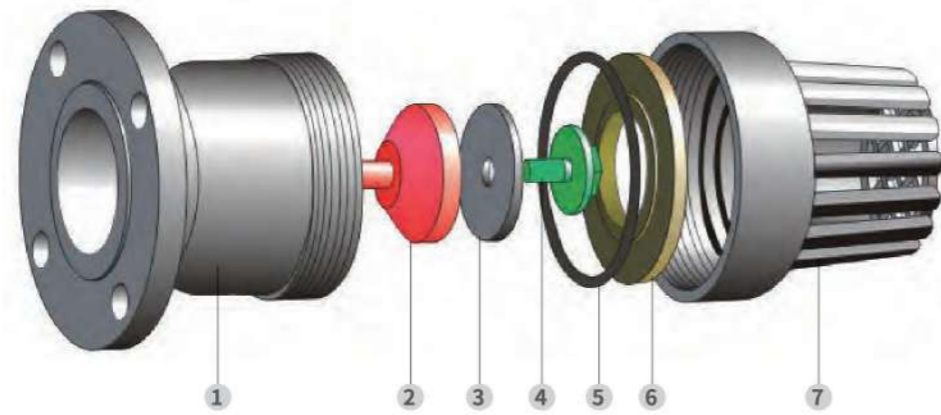
件号 No.	名称 Name	材质 Material
1	网罩 Network mask	FRPP,PVDF,PVC-C,PVC-U,PPH
2	隔板 Partytion	FRPP,PVDF,PVC-C,PVC-U,PPH
3	密封垫圈 Rubber seal	EPDM,FPM
4	螺母 Nut	FRPP,PVDF,PVC-C,PVC-U,PPH
5	密封橡胶 Rubber seal	EPDM,FPM
6	活塞 Pistons	FRPP,PVDF,PVC-C,PVC-U,PPH
7	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

BOTTOM VALVE

底阀 H42F-10S



底阀装配明细图
Bottom Valve Assembly Detail Drawing

产品结构特点 MAIN STRUCTURAL FEATURES

1. 生产规格从 DN50 到 DN300
2. DN200 到 DN300 应客户要求生产
3. 具有优良的密封性
4. 较小的压力损失
5. 具有良好的液压性能
6. 结构简单，安装便捷

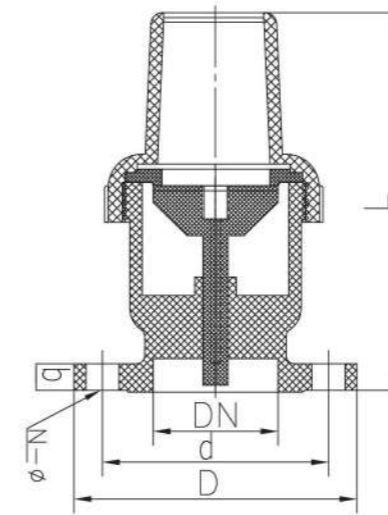
1. The Size from DN50 to DN150 are standard products.
2. From DN200 to DN300 can meet customer requirements to produce.
3. Good sealing performance.
4. Less pressure loss.
5. Good hydraulic performance.
6. Simply installation and easy to use.

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	阀体 Body	FRPP,PVDF,PVC-C,PVC-U,PPH
2	活塞 Pistons	FRPP,PVDF,PVC-C,PVC-U,PPH
3	密封橡胶 Seal rubber	EPDM,FPM
4	压紧螺母 Nut	FRPP,PVDF,PVC-C,PVC-U,PPH
5	密封件 Sealing	EPDM,FPM
6	隔板 Partition	FRPP,PVDF,PVC-C,PVC-U,PPH
7	网罩 Mesh	FRPP,PVDF,PVC-C,PVC-U,PPH

BOTTOM VALVE

底阀



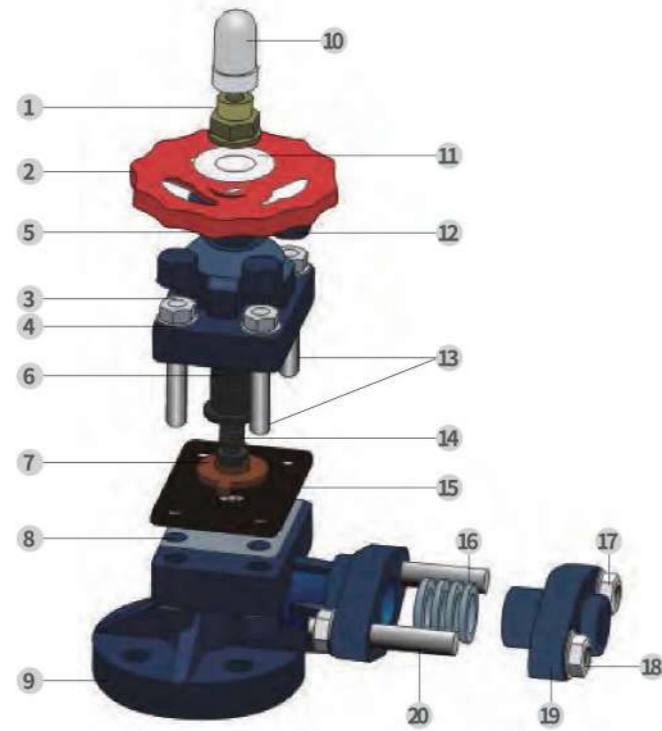
外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-φ		
		GB	JIS	ANSI			GB	JIS	ANSI
15(1/2")	105	65	70	60.3	140	15	4-φ14	4-φ15	4-φ16
20 (3/4")	105	75	75	69.9	168	16	4-φ14	4-φ15	4-φ16
25 (1")	115	85	90	79.4	189	16	4-φ14	4-φ19	4-φ16
32 (1/2")	135	100	100	88.9	210	18	4-φ18	4-φ19	4-φ16
40 (1 3/4")	145	110	105	98.4	238	20	4-φ18	4-φ19	4-φ16
50 (2")	160	125	120	120.7	215	17	4-φ18	4-φ19	4-φ18
65 (2 1/2")	170	145	140	139.7	235	17	4-φ18	4-φ19	4-φ18
80 (3")	192	160	150	152.4	265	21	8-φ18	8-φ19	4-φ18
100 (4")	220	180	175	190.5	315	23	8-φ18	8-φ19	8-φ18
125 (5")	250	210	210	215.9	335	31	8-φ18	8-φ23	8-φ22
150 (6")	282	240	240	241.3	335	31	8-φ22	8-φ23	8-φ22
200 (8")	335	295	290	298.5	380	32	8-φ22	12-φ23	8-φ22
250 (10")	395	350	355	362	550	38	12-φ22	12-φ25	12-φ26
300 (12")	445	400	400		550	38	12-φ22	16-φ25	

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
液面计 LEVEL INDICATOR
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

LIQUID LEVEL INDICATOR
液面计

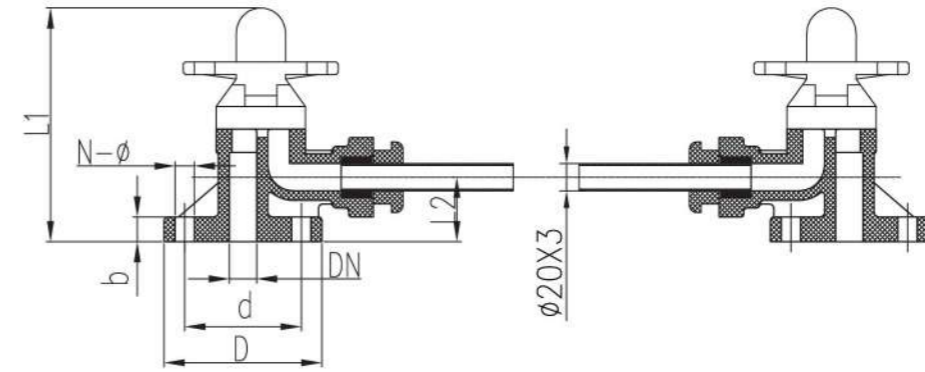


液面计装配明细图
Level Indicator Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material	件号 No.	名称 Name	材质 Material
1	压紧螺母 Retaining Nut	FRPP	11	衬环 Liner ring	FRPP
2	手轮 Hand whell	合金料 Alloy material	12	螺帽盖 Nut cap	FRPP
3	六角螺母 Hex nuts	钢 Steel	13	双头螺柱 Double headed stud	钢 Steel
4	垫片 Folling plece	钢 Steel	14	阀杆 Stem	钢 Steel
5	阀盖 Bonnet	PPH、PVC-C、PVC-U、PVDF、FRPP	15	垫膜 Membran pad	EPDM
6	阀杆螺母 Stem nut	铸铁 Cast Iron	16	密封件 Sealing	PTFE
7	阀板 Valve Plate	PPH、PVC-C、PVC-U、PVDF、FRPP	17	垫片 Filling piece	钢 Steel
8	膜片 Diaphragm	EPDM,F46	18	六角螺母 Hex nuts	钢 Steel
9	阀体 Body	PPH、PVC-C、PVC-U、PVDF、FRPP	19	连接件 Connector	PPH、PVC-C、PVC-U、PVDF、FRPP
10	限位罩 Cover limit	AS	20	双头螺柱 Double headed stud	钢 Steel

LIQUID LEVEL INDICATOR
液面计



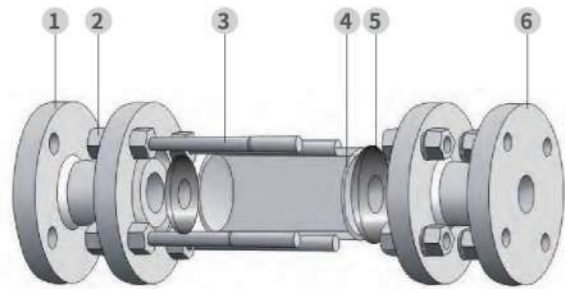
外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L1	L2	b	n-φ		
		GB	JIS	ANSI				GB	JIS	ANSI
15(1/2")	95	65	70	60.3	195	50	20	4-φ14	4-φ15	4-φ16
20 (3/4")	105	75	75	69.9	195	50	20	4-φ14	4-φ15	4-φ16
25 (1")	115	85	90	79.4	200	50	20	4-φ14	4-φ19	4-φ16
32 (1 1/4")	135	100	100	88.9	200	50	20	4-φ18	4-φ19	4-φ16
40 (1 1/2")	145	110	105	98.4	205	50	20	4-φ18	4-φ19	4-φ16
50 (2")	160	125	120	120.7	205	50	20	4-φ18	4-φ19	4-φ18

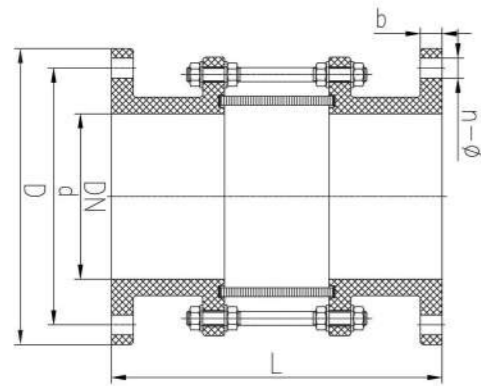
隔膜阀 DIAPHRAGM VALVE
球阀 BALL VALVE
蝶阀 BUTTERFLY VALVE
截止阀 GLOBE VALVE
止回阀 CHECK VALVE
底阀 BOTTOM VALVE
视镜 SIGHT GLASS
插板阀 GATE VALVE
电动阀 AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE
球阀
BALL VALVE
蝶阀
BUTTERFLY VALVE
截止阀
GLOBE VALVE
止回阀
CHECK VALVE
底阀
BOTTOM VALVE
液位计
LEVEL INDICATOR
视镜
SIGHT GLASS
插板阀
GATE VALVE
电动阀
AUTOMATIC VALVE

SIGHT GLASS 视镜



视镜装配明细图
Sight Glass Assembly Detail Drawing



零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	底座 Base	FRPP,PVDF,PVC-C, PVC-U,PPH
2	六角螺母 Hex nuts	钢 Steel、 不锈钢 Stainless steel
3	双头螺柱 Double headed stud	钢 Steel、 不锈钢 Stainless steel
4	玻璃 Glass	Glass
5	垫圈 Washers	EPDM,FPM
6	底座 Base	FRPP,PVDF,PVC-C, PVC-U,PPH



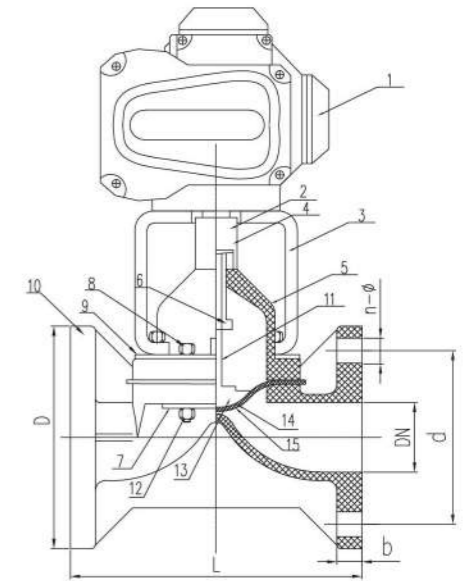
外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D	d			L	b	n-φ		
		GB	JIS	ANSI			GB	JIS	ANSI
25 (1/2")	115	85	90	79.4	240	14	4-φ14	4-φ19	4-φ16
32 (1 1/4")	150	100	100		232	16	4-φ18	4-φ19	
40 (1 1/2")	150	110	105	98.4	232	16	4-φ18	4-φ19	4-φ16
50 (2")	165	125	120	120.7	233	16	4-φ18	4-φ19	4-φ18
65 (2 1/2")	195	145	140	139.7	278	19	4-φ18	4-φ19	4-φ18
80 (3")	195	160	150	152.4	278	20	8-φ18	8-φ19	4-φ18
100 (4")	220	180	175	190.5	310	21	8-φ18	8-φ19	8-φ18
125 (5")	250	210	210	215.9	350	26	8-φ18	8-φ23	8-φ22
150 (6")	285	240	240	241.3	385	26	8-φ22	8-φ23	8-φ22
200 (8")	340	295		298.5	400	30	8-φ22		8-φ22
250 (10")	406	350	355	362	400	30	12-φ22	12-φ25	12-φ26
300 (12")	475	400		431.8	440	32	12-φ22		12-φ26

ELECTRIC DIAPHRAGM VALVE 电动隔膜阀 G941F-10S

零件材质表 PART MATERIAL TABLE

序号 No.	名称 Name	材质 Material	数量 Qty.
1	电动头 Electric actuator	铝合金 Aluminium alloy	1
2	连接杆 Connecting rod	钢 Steel	2
3	电、气动支架 Electric/ Pneumatic actuator bracket	铁 Iron	1
4	连接销 Connection pin	钢 Steel	1
5	阀盖 Bonnet	PPH,PVC-C,PVC-U,PVDF,FRPP	1
6	阀杆螺母 Stem nut	不锈钢 Stainless steel、 镀铜 Coppering	1
7	下压板 Down press plate	Q345、不锈钢 Stainless steel	2
8	螺丝 Screw	钢、不锈钢 Steel,Stainless steel	4
9	上压板 Upper press plate	Q345、不锈钢 Stainless steel	2
10	阀体 Body	PPH,PVC-C,PVC-U,PVDF,FRPP	1
11	阀杆 Stem	钢、不锈钢 Steel,Stainless steel	1
12	螺帽 Nut	钢、不锈钢 Steel Stainless steel	4
13	阀板 Valve Plate	PPH,PVC-C,PVC-U FRPP,PVDF/ 铸铁 Cast iron	1
14	橡胶垫 Rubber gasket	EPDM, FPM	1
15	膜片 Diaphragm	F46.PFA.PTFE	1



外形尺寸表 DIMENSION LIST

规格 DN	D	d	L	b	n-φ
15	95	65	125	14	4-φ14
20	105	75	135	18	4-φ14
25	115	85	145	18	4-φ14
32	135	100	160	18	4-φ18
40	145	110	180	20	4-φ18
50	160	125	210	22	4-φ18
65	180	145	250	24	4-φ18
80	195	160	300	24	8-φ18
100	225	180	350	28	8-φ18
125	245	210	400	30	8-φ18
150	280	240	455	30	8-φ23x27
200	335	295	570	40	8-φ22
250	390	350	680	38	12-φ23
300	445	400	680	38	12-φ23



隔膜阀
DIAPHRAGM VALVE
球阀
BALL VALVE
蝶阀
BUTTERFLY VALVE
截止阀
GLOBE VALVE
止回阀
CHECK VALVE
底阀
BOTTOM VALVE
液位计
LEVEL INDICATOR
视镜
SIGHT GLASS
插板阀
GATE VALVE
自动阀
AUTOMATIC VALVE

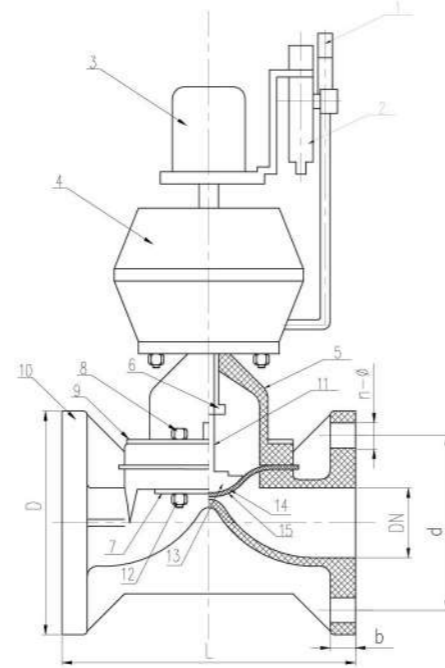
隔膜阀
DIAPHRAGM VALVE
球阀
BALL VALVE
蝶阀
BUTTERFLY VALVE
截止阀
GLOBE VALVE
止回阀
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LEVEL INDICATOR
视镜
SIGHT GLASS
插板阀
GATE VALVE
自动阀
AUTOMATIC VALVE

PNEUMATIC DIAPHRAGM VALVE

气动隔膜阀 G641F-10S

零件材质表 PART MATERIAL TABLE

序号 No.	名称 Name	材质 Material	数量 Qty.
1	电磁阀 Solenoid valve		1
2	压力表 Pressure gauge		1
3	信号反馈器 Signal feedback device		1
4	气动执行器 Pneumatic actuator	铝合金 Aluminium alloy	1
5	阀盖 Bonnet	PPH,PVC-C,PVC-U,PVDF,FRPP	1
6	阀杆螺母 Stem nut	不锈钢 Stainless steel, 钢 Steel	1
7	下压板 Down press plate	Q345、不锈钢 Stainless steel	2
8	螺丝 Screw	钢、不锈钢 Steel, Stainless steel	4
9	上压板 Upper press plate	Q345、不锈钢 Stainless steel	2
10	阀体 Body	PPH,PVC-C,PVC-U,PVDF,FRPP	1
11	阀杆 Stem	钢、不锈钢 Steel, Stainless steel	1
12	螺帽 Nut	钢、不锈钢 Steel, Stainless steel	4
13	阀板 Valve Plate	PPH,PVC-C,PVC-U FRPP,PVDF/ 铸铁 Cast iron	1
14	橡胶垫 Rubber gasket	EPDM, FPM	1
15	膜片 Diaphragm	F46.PFA.PTFE	1



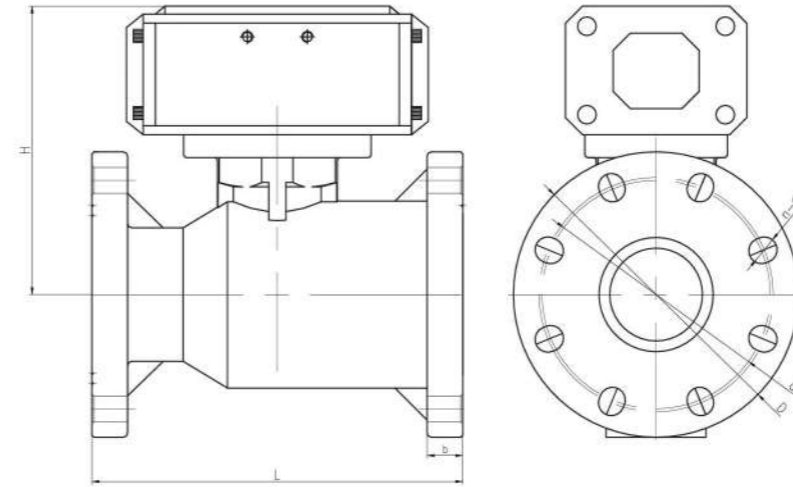
外形尺寸表 DIMENSION LIST

规格 DN	D	d	L	b	n-Φ
15	95	65	125	14	4-Φ14
20	105	75	135	18	4-Φ14
25	115	85	145	18	4-Φ14
32	135	100	160	18	4-Φ18
40	145	110	180	20	4-Φ18
50	160	125	210	22	4-Φ18
65	180	145	250	24	4-Φ18
80	195	160	300	24	8-Φ18
100	225	180	350	28	8-Φ18
125	245	210	400	30	8-Φ18
150	280	240	455	30	8-Φ23x27
200	335	295	570	40	8-Φ22
250	390	350	680	38	12-Φ23
300	445	400	680	38	12-Φ23



PNEUMATIC FLANGE BALL VALVE

气动法兰球阀 Q641F-10S



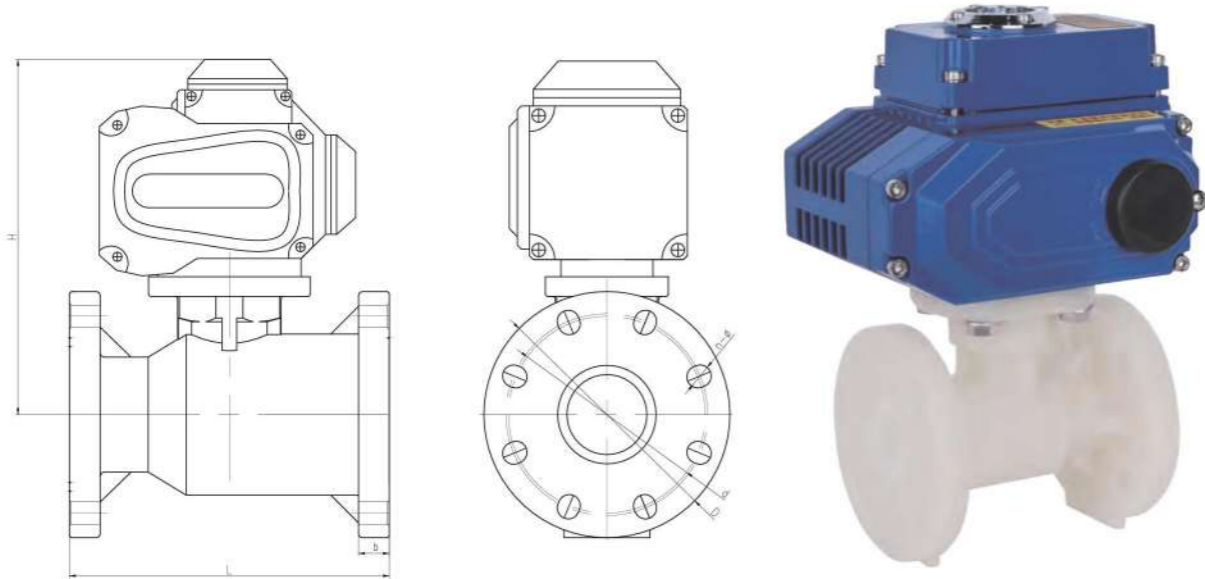
外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D			d			L	H	b	n-Φ		
	GB	JIS	ANSI	GB	JIS	ANSI				GB	JIS	ANSI
15 (1/2")	95	95		65	70		120	160	15	4-Φ15	4-Φ15	
20 (3/4")	105	100		75	75		120	160	16	4-Φ15	4-Φ15	
25 (1")	120	125		85	90		130	162	16	4-Φ15	4-Φ19	
32 (1 1/4")	135	135		100	100		145	190	18	4-Φ18	4-Φ19	
40 (1 1/2")	145	140	125	110	105	98.4	168	220	20	4-Φ18	4-Φ19	4-Φ16
50 (2")	160	155	150	125	120	120.7	180	230	20	4-Φ19	4-Φ19	4-Φ18
65 (2-1/2")	180			145			225	245	22	4-Φ19		
80 (3")	195			160			255	280	25	8-Φ18.5		
100 (4")	229		229	180		190.5	280	295	25	8-Φ18.5X20		8-Φ18.5X20
125 (5")	254	250	254	210	210	215.9	350	340	30	8-Φ18.5X20	8-Φ23	8-Φ22
150 (6")	280	280	280	240	240	241.3	400	360	30	8-Φ24X27	8-Φ24X27	8-Φ24X27
200 (8")	335	330	335	295	290	298.5	400	400	35	8-Φ23	12-Φ23	8-Φ22
250 (10")	400	400	400	350	355	362	450	460	38	12-Φ23X26	12-Φ25	12-Φ26
300 (12")	440	440		400	400		450	460	38	12-Φ23	16-Φ25	



ELECTRIC FLANGE BALL VALVE

电动法兰球阀 Q941F-10S



外形尺寸表 DIMENSION LIST

公称直径 DN (mm)	D			d			L	H	b	n-Φ		
	GB	JIS	ANSI	GB	JIS	ANSI				GB	JIS	ANSI
15 (1/2")	95	95		65	70		120	160	15	4-Φ15	4-Φ15	
20 (3/4")	105	100		75	75		120	160	16	4-Φ15	4-Φ15	
25 (1")	120	125		85	90		130	162	16	4-Φ15	4-Φ19	
32 (1 1/4")	135	135		100	100		145	190	18	4-Φ18	4-Φ19	
40 (1 1/2")	145	140	125	110	105	98.4	168	220	20	4-Φ18	4-Φ19	4-Φ16
50 (2")	160	155	150	125	120	120.7	180	230	20	4-Φ19	4-Φ19	4-Φ18
65 (2-1/2")	180			145			225	245	22	4-Φ19		
80 (3")	195			160			255	280	25	8-Φ18.5		
100 (4")	229		229	180		190.5	280	295	25	8-Φ18.5X20		8-Φ18.5X20
125 (5")	254	250	254	210	210	215.9	350	340	30	8-Φ18.5X20	8-Φ23	8-Φ22
150 (6")	280	280	280	240	240	241.3	400	360	30	8-Φ24X27	8-Φ24X27	8-Φ24X27
200 (8")	335	330	335	295	290	298.5	400	400	35	8-Φ23	12-Φ23	8-Φ22
250 (10")	400	400	400	350	355	362	450	460	38	12-Φ23X26	12-Φ25	12-Φ26
300 (12")	440	440		400	400		450	460	38	12-Φ23	16-Φ25	

PNEUMATIC DOUBLE UNION BALL VALVE

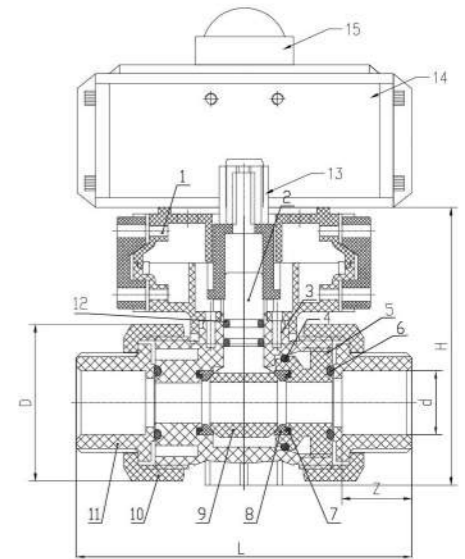
气动双由任球阀 Q661F-10S

零件材质表 PART MATERIAL TABLE

序号 No.	名称 Name	材质 Material	数量 Qty.
1	电 / 气动头支架 Electric/ Pneumatic actuator bracket	合金料 Alloy material	1
2	阀杆 Stem	PPH,PVC-C,PVC-U,PVDF,FRPP	1
3	阀体 Body	PPH,PVC-C,PVC-U,PVDF,FRPP	2
4	密封座 O 型圈 1 Seal seat O-ring 1	FPM, EPDM	1
5	密封座 Seal seat	PPH,PVC-C,PVC-U,PVDF,FRPP	1
6	密封座 O 型圈 2 Seal seat O-ring 2	FPM, EPDM	2
7	密封座 O 型圈 3 Seal seat O-ring 3	FPM, EPDM	2
8	密封四氟 (球密封) Ball seal	PTFE	2
9	球体 Ball body	PPH,PVC-C,PVC-U,PVDF,FRPP	1
10	压帽 Holding-down nut	PPH,PVC-C,PVC-U,PVDF,FRPP	2
11	由任接头 Union joints	PPH,PVC-C,PVC-U,PVDF,FRPP	2
12	阀杆 O 型圈 Stem O-ring	FPM,EPDM	2
13	阀杆连接件 Stem connector	合金料 Alloy material	1
14	气动头 Pneumatic actuator	铝合金 Aluminium alloy	1
15	信号反馈器 signal feedback unit		1

外形尺寸表 DIMENSION LIST

规格 DN	D	d	L	H	Z
15	50	20	110	87.8	20
20	58	25	126	97.5	24
25	70	32	140	106.6	27
32	85	40	160	123.5	30
40	98	50	170	138.5	32
50	127	63	190	163.5	37
65	144	75	230	191	44
80	158	90	280	222.5	51
100	192	110	340	261.5	61



隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液位计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液位计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

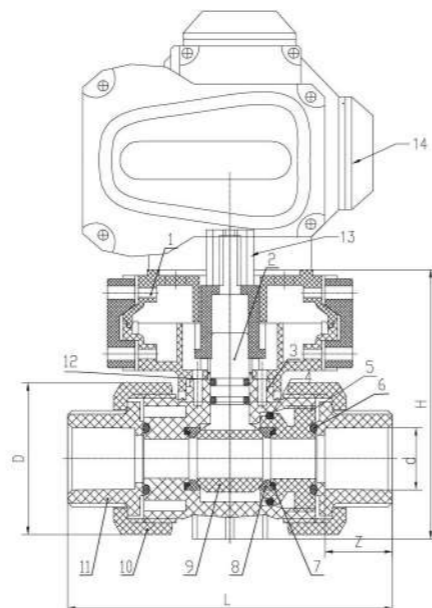
自动阀
AUTOMATIC VALVE

ELECTRIC DOUBLE UNION BALL VALVE

电动双由任球阀 Q961F-10S

零件材质表 PART MATERIAL TABLE

序号 No.	名称 Name	材质 Material	数量 Qty.
1	电 / 气动头支架 Electric/ Pneumatic actuator bracket	合金料 Alloy material	1
2	阀杆 Stem	PVDF, PVC-C, PVC-U, PPH, FRPP	1
3	阀体 Body	PVDF, PVC-C, PVC-U, PPH, FRPP	2
4	密封座 O 型圈 1 Seal seat O-ring 1	FPM	1
5	密封座 Seal seat	PVDF, PVC-C, PVC-U, PPH, FRPP	1
6	密封座 O 型圈 2 Seal seat O-ring 2	FPM	2
7	密封座 O 型圈 3 Seal seat O-ring 3	FPM	2
8	密封四氟 (球密封) Ball seal	PTFE	2
9	球体 Ball body	PVDF, PVC-C, PVC-U, PPH, FRPP	1
10	压帽 Holding-down nut	PVDF, PVC-C, PVC-U, PPH, FRPP	2
11	由任接头 Union joints	PVDF, PVC-C, PVC-U, PPH, FRPP	2
12	阀杆 O 型圈 Stem O-ring	FPM	2
13	阀杆连接件 Stem connector	铝 Aluminium	1
14	电动头 Electric actuator		1



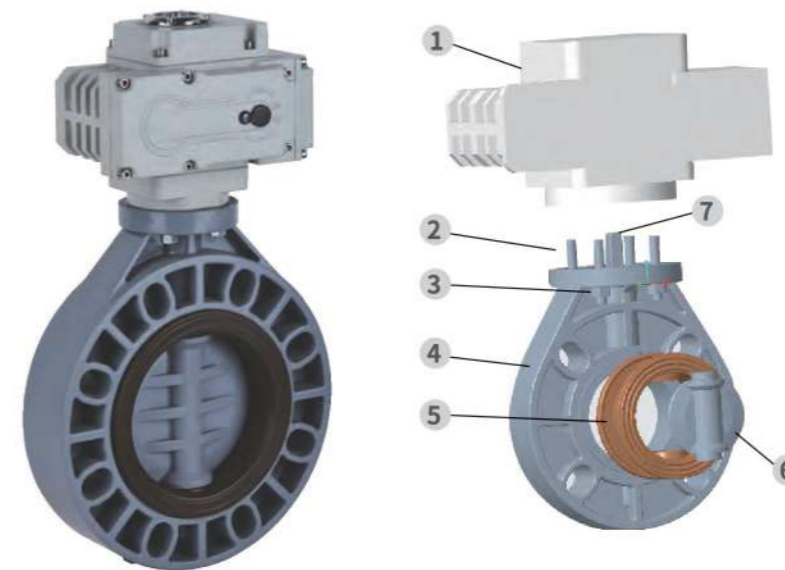
外形尺寸表 DIMENSION LIST

规格 DN	D	d	L	H	Z
15	50	20	110	87.8	20
20	58	25	126	97.5	24
25	70	32	140	106.6	27
32	85	40	160	123.5	30
40	98	50	170	138.5	32
50	127	63	190	163.5	37
65	144	75	230	191	44
80	158	90	280	222.5	51
100	192	110	340	261.5	61



ELECTRIC BUTTERFLY VALVE

电动蝶阀 D971X-10S



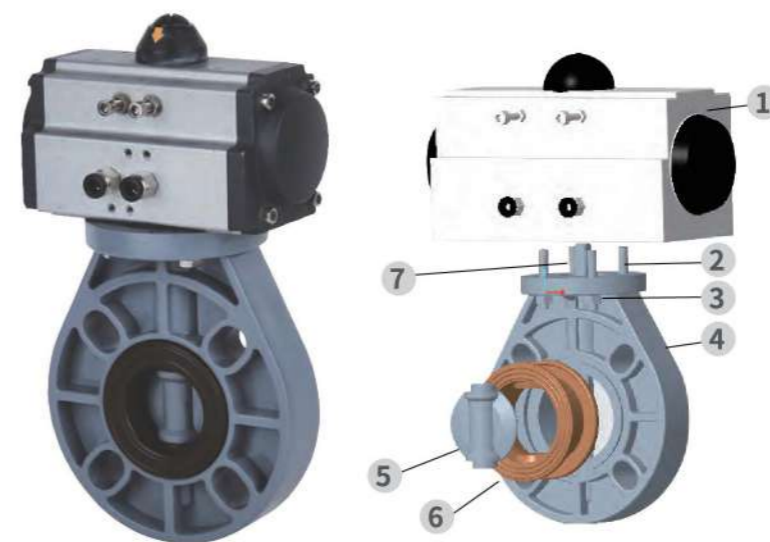
电动蝶阀装配明细图
Electric Butterfly Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	电动头 Electric	铝 Aluminium
2	螺柱 headed stud	钢、不锈钢 Steel, Stainless steel
3	六角螺母 Hex nuts	不锈钢、钢 Stainless steel, Steel
4	阀体 Body	FRPP, PVDF, PVC-C, PVC-U, PPH
5	密封橡胶 Rubber seal	EPDM, FPM
6	阀板 Valve Plate	FRPP, PVDF, PVC-C, PVC-U, PPH
7	阀杆 Stem	钢、不锈钢 Steel, Stainless steel

PNEUMATIC BUTTERFLY VALVE

气动蝶阀 D671X-10S



气动式蝶阀装配明细图
Pneumatic Butterfly Valve Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	气动头 Pneumatic	铝合金 Aluminium alloy
2	螺柱 headed stud	钢、不锈钢 Steel, Stainless steel
3	六角螺母 Hex nuts	不锈钢、钢 Stainless steel, Steel
4	阀体 Body	FRPP, PVDF, PVC-C, PVC-U, PPH
5	阀板 Valve Plate	FRPP, PVDF, PVC-C, PVC-U, PPH
6	密封橡胶 Rubber seal	EPDM, FPM
7	阀杆 Stem	钢、不锈钢 Steel, Stainless steel

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底部阀
BOTTOM VALVE

液位计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底部阀
BOTTOM VALVE

液位计
LEVEL INDICATOR

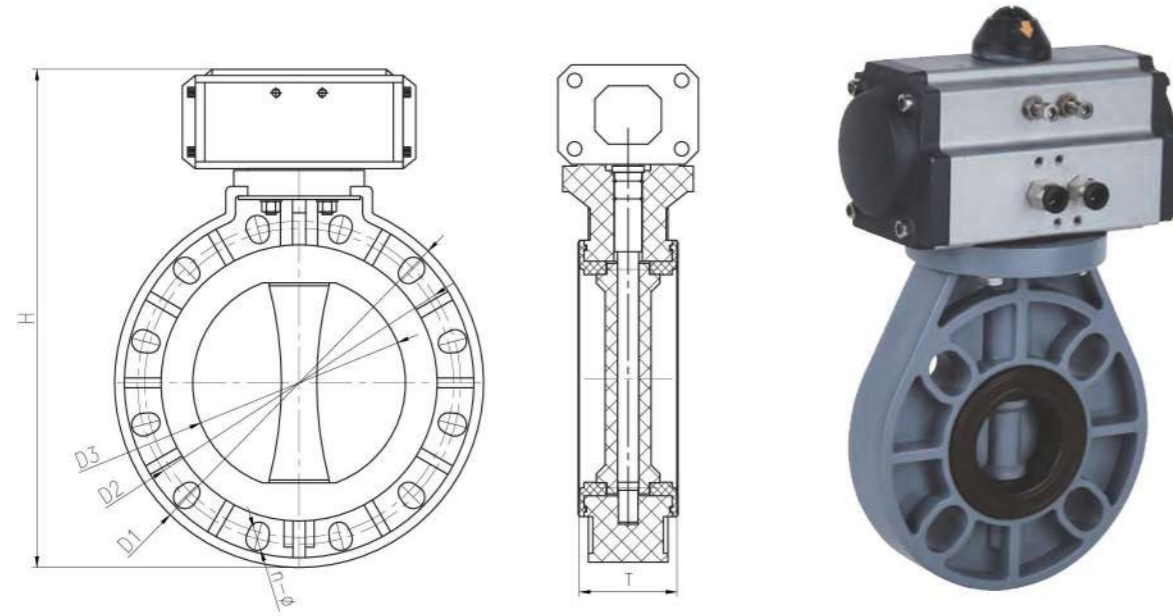
视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

PNEUMATIC BUTTERFLY VALVE

气动蝶阀 D671X-10S

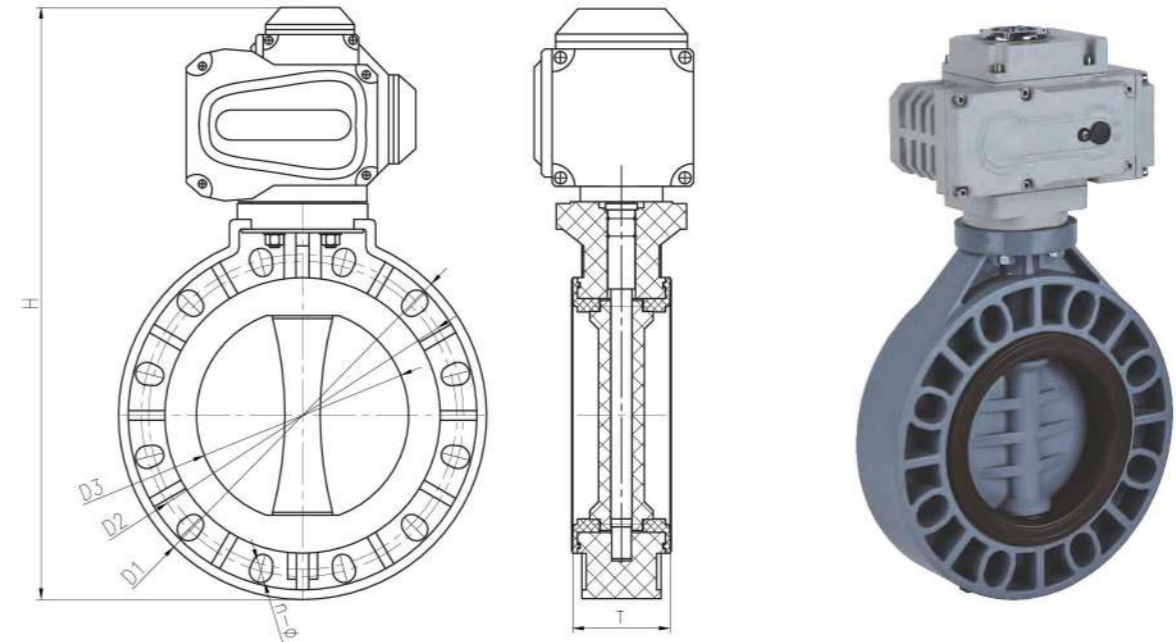


外形尺寸表 DIMENSION LIST

公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	H	n-Φ		
		GB	JIS	ANSI				GB	JIS	ANSI
32 (1 1/4")	140	100	100	88.9	33	35	270	4-Φ17	4-Φ17	4-Φ17
40 (1 1/2")	150	110	105	98.4	41.5	39	280	4-Φ19X25	4-Φ19X25	4-Φ19X25
50 (2")	160	125	120	120.7	50	40	300	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
65 (2 1/2")	180	145	140	139.7	64	42	310	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
80 (3")	200	160	150	152.4	77	42	400	8-Φ19X25	8-Φ19X25	4-Φ19X20
100 (4")	225	180	175	190.5	96	52	410	8-Φ19X32	8-Φ19X32	8-Φ19X32
125 (5")	255	210	210	215.9	120	61	500	8-Φ23X33	8-Φ23X33	8-Φ23X33
150 (6")	290	240	240	241.3	145	71	530	8-Φ23X34	8-Φ23X34	8-Φ23X34
200 (8")	340	295	290	298.5	196.5	81	600	8-Φ23X33.5	12-Φ23X27	8-Φ23X33.5
250 (10")	420	350	355	362	245.5	110	650	12-Φ23.5X32	12-Φ23.5X32	12-Φ23.5X32
300 (12")	500	400		431.8	291.5	115	750	12-Φ28X48		12-Φ28X48
350 (14")	550	460		476.3	340	127	850	16-Φ26		12-Φ33
400 (16")	619	515	510	539.8	399	140	950	16-Φ36X52	16-Φ36X52	16-Φ36X52
450 (18")	655	565	565	577.9	446	150	1050	20-Φ25	20-Φ27	16-Φ33
500 (20")	705	620	620	635	494	150	1140	20-Φ26X33	20-Φ27X33	20-Φ26X33
600 (24")	816	725		749.3	570	170	1290	20-Φ28X38		20-Φ28X38
700 (28")	910	840	840		670	185	1530	24-Φ33X44	24-Φ33X44	
800 (32")	1055	960	950	977.9	755	240	1690	24-Φ44.5X65	28-Φ36X52	24-Φ44.5X65
1000 (40")	1230	1160	1160		935	236	1800	28-Φ36X52	28-Φ39	

ELECTRIC BUTTERFLY VALVE

电动蝶阀 D971X-10S



外形尺寸表 DIMENSION LIST

公称直径 DN(mm)	法兰外径 D1	孔距 D2			内径 D3	T	H	n-Φ		
		GB	JIS	ANSI				GB	JIS	ANSI
32 (1 1/4")	140	100	100	88.9	33	35	270	4-Φ17	4-Φ17	4-Φ17
40 (1 1/2")	150	110	105	98.4	41.5	39	280	4-Φ19X25	4-Φ19X25	4-Φ19X25
50 (2")	160	125	120	120.7	50	40	300	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
65 (2 1/2")	180	145	140	139.7	64	42	310	4-Φ19X26.5	4-Φ19X26.5	4-Φ19X26.5
80 (3")	200	160	150	152.4	77	42	400	8-Φ19X25	8-Φ19X25	4-Φ19X20
100 (4")	225	180	175	190.5	96	52	410	8-Φ19X32	8-Φ19X32	8-Φ19X32
125 (5")	255	210	210	215.9	120	61	500	8-Φ23X33	8-Φ23X33	8-Φ23X33
150 (6")	290	240	240	241.3	145	71	530	8-Φ23X34	8-Φ23X34	8-Φ23X34
200 (8")	340	295	290	298.5	196.5	81	600	8-Φ23X33.5	12-Φ23X27	8-Φ23X33.5
250 (10")	420	350	355	362	245.5	110	650	12-Φ23.5X32	12-Φ23.5X32	12-Φ23.5X32
300 (12")	500	400		431.8	291.5	115	750	12-Φ28X48		12-Φ28X48
350 (14")	550	460		476.3	340	127	850	16-Φ26		12-Φ33
400 (16")	619	515	510	539.8	399	140	950	16-Φ36X52	16-Φ36X52	16-Φ36X52
450 (18")	655	565	565	577.9	446	150	1050	20-Φ25	20-Φ27	16-Φ33
500 (20")	705	620	620	635	494	150	1140	20-Φ26X33	20-Φ27X33	20-Φ26X33
600 (24")	816	725		749.3	570	170	1290	20-Φ28X38		20-Φ28X38
700 (28")	910	840	840		670	185	1530	24-Φ33X44	24-Φ33X44	
800 (32")	1055	960	950	977.9	755	240	1690	24-Φ44.5X65	28-Φ36X52	24-Φ44.5X65
1000 (40")	1230	1160	1160		935	236	1800	28-Φ36X52	28-Φ39	

隔膜阀
DIAPHRAGM VALVE

球阀
BALL VALVE

蝶阀
BUTTERFLY VALVE

截止阀
GLOBE VALVE

止回阀
CHECK VALVE

底阀
BOTTOM VALVE

液位计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

自动阀
AUTOMATIC VALVE

隔膜阀
DIAPHRAGM VALVE

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CHECK VALVE

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BOTTOM VALVE

液位计
LEVEL INDICATOR

视镜
SIGHT GLASS

插板阀
GATE VALVE

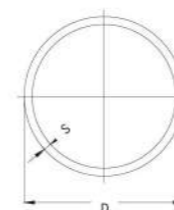
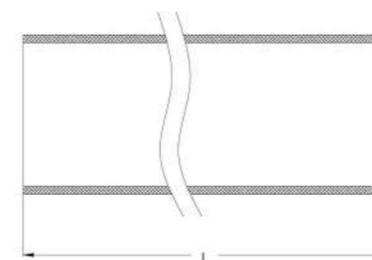
自动阀
AUTOMATIC VALVE

PVDF PIPES / FITTINGS SERIES

PVDF 管材 / 管件系列

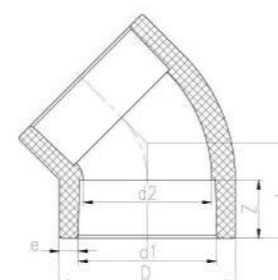


PVDF PIPES PVDF 管



外径 D	长度 L (mm)	1.0MPa	1.6MPa	2.0MPa
		壁厚 s	壁厚 s	壁厚 s
20	4000		1.9	1.9
25	4000		1.9	1.9
32	4000		2.4	2.4
40	4000		2.4	2.4
50	4000		2.9	2.9
63	4000	2.5	3	3.6
75	4000	2.5	3.6	4.3
90	4000	2.8	4.3	5.1
110	4000	3.2	5.3	6.3
125	4000	3.9	6	
140	4000	4.4	6.7	
160	4000	5	7.7	
180	4000	5.6	8.6	
200	4000	6.2	9.6	
225	4000	7.1	10.8	
250	4000	7.5	11.9	
280	4000	8.5	13.4	
315	4000	9.6		
355	4000	10.8		
400	4000	12.2		

PVDF ELBOW PVDF 热熔承插 45°弯头



公称直径 DN	D	d1	d2	L	Z	e
15	29	20	16	21	15	4.5
20	35	25	20	25	18	5
25	43	32	27	28	20	5.5
32	51	40	35	32	22	5.5
40	64	50	45	37.3	24	7
50	81	63	57	44.8	28	9
65	93	75	68	50.3	31	9
80	114	90	82	58	35	12
100	134	110	100	68.8	41	12

PIPES
PVDF 管

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

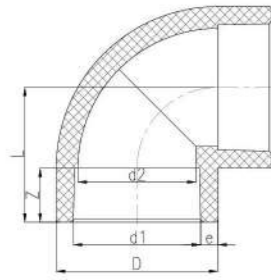
ADAPTER
接头

REDUCER
大小头

FLANGE
法兰

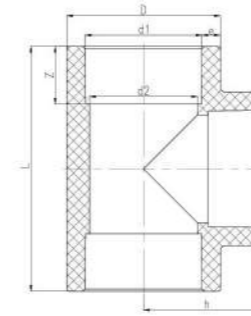


PVDF HOT MELT SOCKET 90° ELBOW
PVDF 热熔承插 90°弯头



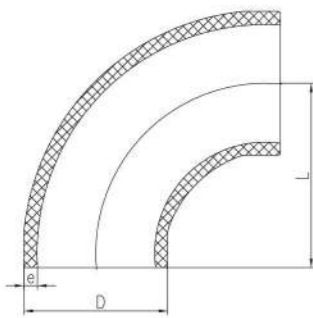
公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	28	15	3
20	31	25	20	32	18	3
25	39	32	26.5	38	20	3.5
32	51	40	34.5	47.5	22	5.5
40	63.5	50	44.5	57	25	6.75
50	80	63	57	68.5	28	8.5
65	92	75	68	77.5	31	8.5
80	109	90	80	90	35	9.5
100	132	110	100	108	41	11

PVDF HOT MELT SOCKET TEE
PVDF 热熔承插三通



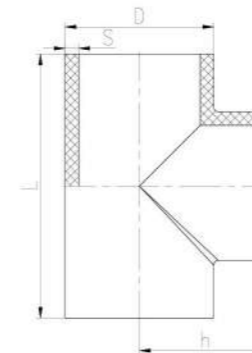
公称直径 DN	D	d1	d2	L	Z	h	e
15	26	20	16	55	14.5	28	3
20	31	25	20	63	17.5	32	3
25	39	32	27	75	20	37.5	3.5
32	51	40	35	87	22	44	5.5
40	64	50	45	102	23.5	50	7
50	80.5	63	57	122	28	60	8.5
65	93	75	68	150	31	76	9
80	112.5	90	82	174	35	85	11
100	133	110	100	210	41	104.5	11.5

PVDF BUTT WELDING 90° ELBOW
PVDF 对焊 90°弯头



公称直径 DN	D	L	e
15	20	51	1.9
20	25	56	1.9
25	32	63	2.4
32	40	72	2.4
40	50	84	3.0
50	63	97	3.0
65	75	110	3.6
80	90	123	4.3
100	110	142	5.3
125	140	170	6.7
150	160	185	7.7
200	225	245	10.8
250	280	285	13.4
300	315	337.5	15

PVDF BUTT WELDING TEE
PVDF 对焊三通



公称直径 DN	D	S	L	b
15	20	1.9	70	35
20	25	1.9	80	40
25	32	2.4	89	44.5
32	40	2.4	100	50
40	50	3.0	120	60
50	63	3.0	149	74.5
65	75	3.6	175	87.5
80	90	4.3	181	90.5
100	110	5.3	223	111.5
125	140	6.7	293	146.5
150	160	7.7	315	157.5
200	225	10.8	400	200
250	280	13.4	495	247.5
300	315	15	528	264

PVDF 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PVDF 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

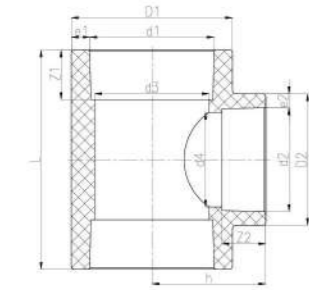
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ADAPTER

大小头
REDUCER

法兰
FLANGE

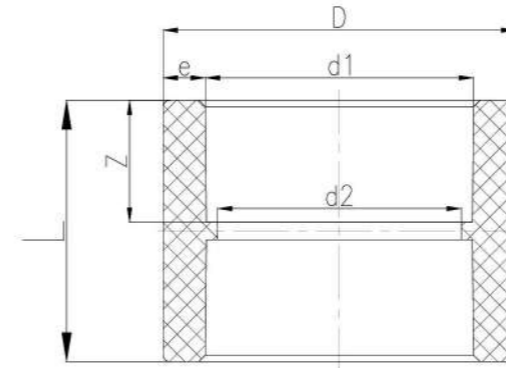


PVDF HOT MELT REDUCING TEE
PVDF 热熔异径三通



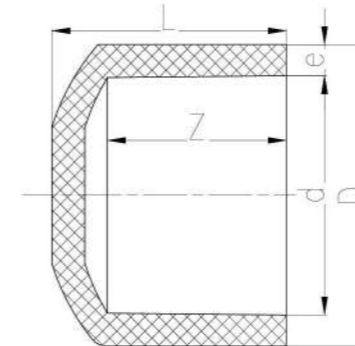
公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
20*15	35	29	25	20	20	16	60	29	18	15	5	4.5
25*15	43	29	32	20	26	16	64	32	20	15	5.5	4.5
25*20	43	35	32	25	26	20	68	35	20	18	5.5	5
32*15	51	29	40	20	34	16	70	37	22	15	5.5	4.5
32*20	51	35	40	25	34	20	74	40	22	18	5.5	5
32*25	51	43	40	32	34	26	80	42	22	20	5.5	5.5
40*15	64	29	50	20	44	16	76	43	24	15	7	4.5
40*20	64	35	50	25	44	20	80	46	24	18	7	5
40*25	64	43	50	32	44	26	86	48	24	20	7	5.5
40*32	64	51	50	40	44	34	94	50	24	22	7	5.5
50*25	81	43	63	32	57	26	94	54.5	28	20	9	5.5
50*32	81	51	63	40	57	34	102	56.5	28	22	9	5.5
50*40	81	64	63	50	57	44	112	58.5	28	24	9	7
65*25	93	43	75	32	67	26	103	61	31	20	9	5.5
65*32	93	51	75	40	67	34	111	63	31	22	9	5.5
65*40	93	64	75	50	67	44	121	65	31	24	9	7
65*50	93	81	75	63	67	57	134	69	31	28	9	9
80*40	114	64	90	50	81	44	132	73.5	35	24	12	7
80*50	114	81	90	63	81	57	145	77.5	35	28	12	9
80*65	114	93	90	75	81	67	155	80.5	35	31	12	9
100*25	134	43	110	32	100	27	131	80	42	20	12	5.5
100*32	134	51	110	40	100	34	138	82	42	22	12	5.5
100*40	134	64	110	50	100	44	146	84	41	24	12	7
100*50	134	81	110	63	100	57	159	88	41	28	12	9
100*65	134	93	110	75	100	67	169	91	41	31	12	9
100*80	134	114	110	90	100	81	183	95	41	35	12	12

PVDF HOT MELT SOCKET COUPLING
PVDF 热熔承插直通



公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	33.5	15	3
20	31	25	20	39.5	18	3
25	38.5	32	26	44	20.5	3.2
32	50	40	34	47.5	22	5
40	63.5	50	44	53.5	24.5	6.7
50	80	63	56	59	27.5	8.5
65	91.5	75	67	69	30.5	8.2
80	110	90	80	80	34.5	10
100	131.5	110	100	95	40.5	10.7

PVDF HOT MELT SOCKET ENDCAP
PVDF 热熔承插管帽



公称直径 DN	D	d	L	Z	e
15	27.5	20	21	16	4
20	32	25	25	19	3.5
25	40	32	29.5	22	4
32	50	40	36	27	5
40	62	50	41	31	6
50	78.5	63	55	38.5	8
65	91.5	75	63	43.5	8
80	108.5	90	74	50	9.5
100	129.5	110	84.5	61	9.5

PVDF管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PIPES
PVDF管

ELBOW
弯头

TEE
三通

COUPLING
直通

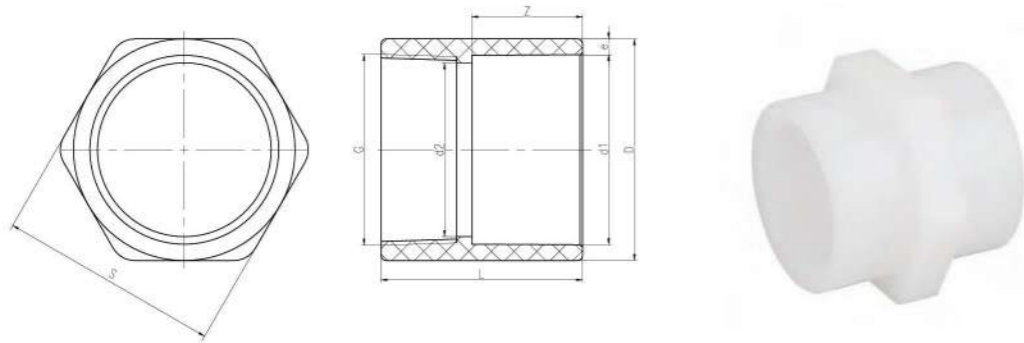
END CAP
管帽

ADAPTER
接头

REDUCER
大小头

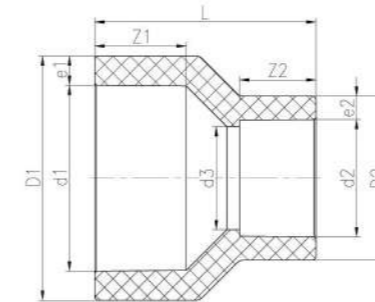
FLANGE
法兰

PVDF FEMALE ADAPTOR
PVDF 内螺纹接头



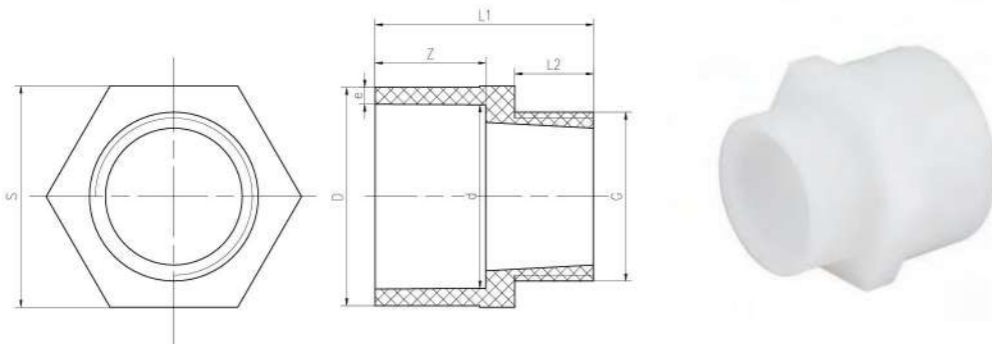
公称直径 DN	D	d1	d2	G	L	Z	S	e
15	29.5	20	15	Rc 1/2	33.5	14.5	38	4.7
20	33	25	20	Rc 3/4	40	20	41	3.7
25	39	32	25	Rc 1	46.5	21.5	47	3.5
32	49	40	35	Rc 1-1/4	52	26	57	4.5
40	60	50	44	Rc 1-1/2	60.5	30.5	68	5
50	74	63	55	Rc 2	66	37	81.5	5.3

PVDF HOT MELT SOCKET REDUCER
PVDF 热熔承插大小头



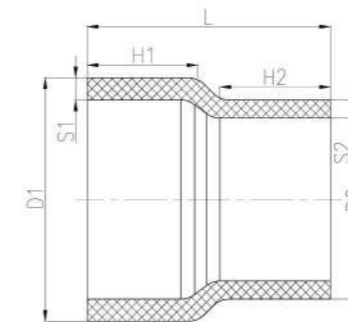
公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
20*15	35	29	25	20	16	40	18	15	5	4.5
25*15	43	29	32	20	16	46	20	15	5.5	4.5
25*20	43	35	32	25	20	47	20	18	5.5	5
32*20	51	35	40	25	20	53	22	18	5.5	5
32*25	51	43	40	32	27	52	22	20	5.5	5.5
40*20	64	35	50	25	20	60	24	18	7	5
40*25	64	43	50	32	27	58	24	20	7	5.5
40*32	64	51	50	40	35	56	24	22	7	5.5
50*25	82	44	63	32	27	70	28.5	20.5	9.5	6
50*32	82	52	63	40	36	68	28.5	22.5	9.5	6
50*40	82	65	63	50	46	65	28.5	24.5	9.5	7.5
65*32	94	52	75	40	36	76	31	22	9.5	6
65*40	94	65	75	50	45	73	31	24	9.5	7.5
65*50	94	82	75	63	57	71	31	28	9.5	9.5
80*40	115.5	66	90	50	45	85	35	24	13	8
80*50	115.5	82.5	90	63	56	83	35	28	13	10
80*65	116	95	90	75	68	80	35	31.5	13	10
100*40	134	64.5	110	50	45	99	41	24	12	7.5
100*50	134	81.5	110	63	56.5	97	41	28	12	9.5
100*65	134	93	110	75	67.5	95	41	31	12	9
100*80	136	116	110	90	82	93.5	41	36	13	13

PVDF MALE ADAPTOR
PVDF 外螺纹接头



公称直径 DN	D	d	G	L1	L2	Z	S	e
15	30	20	R 1/2	44	18	16.5	31	5
20	33	25	R 3/4	44.5	17.5	20	33.5	4
25	39.5	32	R 1	52	23	21.5	40.5	3.6
32	49	40	R 1-1/4	58	23	26	50	4.5
40	60	50	R 1-1/2	66	27	30	63.5	5
50	73.5	63	R 2	73.5	27	37	75	5.2

PVDF BUTT WELDING SMALL HEAD
PVDF 对焊大小头



公称直径 DN	D1	S1	D2	S2	L	H1	H2
20*15	25	1.9	20	1.9	93	45	45
25*15	32	2.4	20	1.9	96	45	45
25*20	32	2.4	25	1.9	94	45	45
32*15	40	2.4	20	1.9	100	45	45
32*20	40	2.4	25	1.9	98	45	45
32*25	40	2.4	32	2.4	94	45	45
40*15	50	2.9	20	1.9	105	45	45
40*20	50	2.9	25	1.9	102.5	45	45
40*25	50	2.9	32	2.4	99	45	45
40*32	50	2.9	40	2.4	95	45	45
50*20	63	3	25	1.9	109	45	45
50*25	63	3	32	2.4	105.5	45	45
50*32	63	3	40	2.4	101.5	45	45
50*40	63	3	50	2.9	96.5	45	45
65*25	75	3.6	32	2.4	121.5	50	50
65*32	75	3.6	40	2.4	117.5	50	50
65*40	75	3.6	50	2.9	112.5	50	50
65*50	75	3.6	63	3	106	50	50
80*32	90	4.3	40	2.4	125	50	50
80*40	90	4.3	50	2.9	120	50	50
80*50	90	4.3	63	3	113.5	50	50
80*65	90	4.3	75	3.6	107.5	50	50
100*40	110	5.3	50	2.9	130	50	50
100*50	110	5.3	63	3	123.5	50	50
100*65	110	5.3	75	3.6	117.5	50	50
100*80	110	5.3	90	4.3	110	50	50

PVDF管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PIPES
PVDF管

ELBOW
弯头

TEE
三通

COUPLING
直通

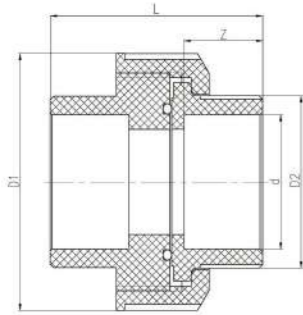
END CAP
管帽

ADAPTER
接头

REDUCER
大小头

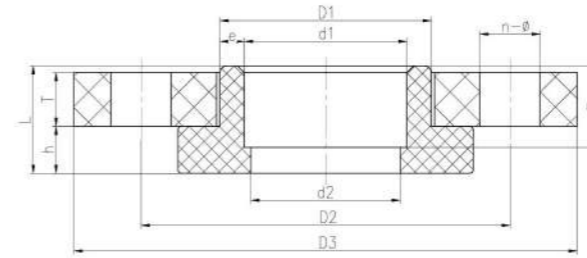
FLANGE
法兰

PVDF HOT MELT SOCKET BY ANY
PVDF 热熔承插由任



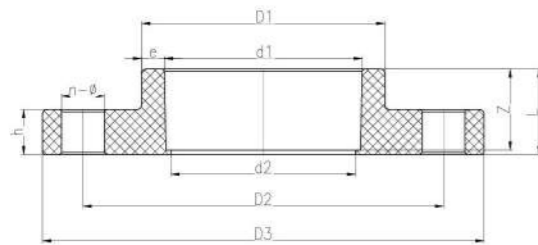
公称直径 DN	D1	D2	d	L	Z
15	49	26.5	20	52	14.5
20	57	33.5	25	62.5	18
25	68	40.5	32	65.5	20
32	82.5	51.5	40	77	22
40	95.5	63	50	79.5	25
50	124.5	77	63	88	28
65	141	96	75	117.5	31.5
80	155	106	90	129.5	35
100	188	125	110	156	41

PVDF HOT MELT SOCKET VANSTONE FLANGE
PVDF 热熔承插活套法兰



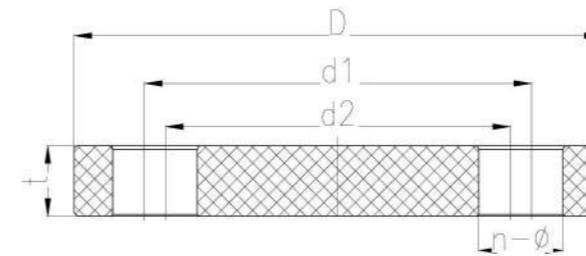
公称直径 DN	D1	D2	D3	d1	d2	L	T	h	Z	e	n-φ
15	27	65	95	20	14.5	27	14	12	16	3.5	4-φ14
20	33	75	105	25	19.5	29	16	14	19.5	4	4-φ14
25	41	85	115	32	26.5	32	16	14	20.5	4.5	4-φ14
32	50	100	140	40	34.5	32	18	14	23	5	4-φ19
40	61	110	150	50	44.5	32	18	14	24.5	5.5	4-φ19
50	76	125	165	63	57.5	36	20	16	28	6.5	4-φ19
65	90	145	185	75	69.5	36	20	16	30	7.5	4-φ19
80	109	160	200	90	82.5	41.5	20	16	35.5	9.5	8-φ19
100	131	180	229	110	102.5	48.5	22	18	42	10.5	8-φ19

PVDF HOT MELT SOCKET FLANGE
PVDF 热熔承插法兰



公称直径 DN	D1	D2	D3	d1	d2	L	h	Z	e	n-φ
15	30.5	65	95	20	15	24	14	18.5	5	4-φ14
20	36.5	75	105	25	20	25	16	20	5.7	4-φ14
25	46.5	85	115	32	26	26	16	20.5	7.2	4-φ14
32	53.5	100	135	40	32	27	18	22	6.7	4-φ18
40	65	110	145	50	41	30	18	25	7.5	4-φ18
50	82	125	160	63	51	33	20	27.5	9.5	4-φ18
65	93.5	145	185	75	61	37.5	20	31	9.2	4-φ18
80	114.7	160	196	90	74.5	41.5	21	36	12.5	8-φ18
100	134.5	180	215	110	95	52.5	23	47.5	12.5	8-φ18

PVDF BLIND FLANGE
PVDF盲法兰



公称直径 DN	D	d1	d2	t	n-φ
15	92.5	68.5	59	13	4-φ14.5X19.5
20	103	73.5	69	15.5	4-φ14.5X17
25	123	87.5	77	17.5	4-φ14.5X20
32	136.5	97.5	87	18.5	4-φ17.5X23
40	147	110.5	96	18	4-φ17.5X24.5
50	161	125	117	18.5	4-φ17.5X21.5
65	180.5	145.5	136	19	4-φ17X22
80	195.5	159	146.5	18.5	8-φ17X23.5
100	222.5	190	170.5	20.5	8-φ17.5X22
125	249	214	204.5	21	8-φ17.5X22.5
150	280	240.5	234.5	22.5	8-φ21.5X24.5
200	342	299	287	28	8-φ23X29

PVDF管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PIPES
PVDF管

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

ADAPTER
接头

REDUCER
大小头

FLANGE
法兰

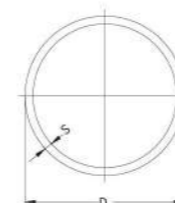
PVC-C PIPES / FITTINGS SERIES

PVC-C管材 / 管件系列



PVC-C PIPES

PVC-C 管 管材执行标准 GB/T18998.2-2022

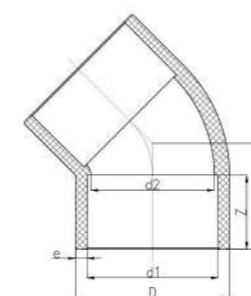


英寸	外径 D 长度 L		壁厚及重量 S			
	mm	mm	PN1.6MPa	KG/M	PN1.0MPa	KG/M
1/2"	20	4000	2.0	0.17	2.0	0.17
3/4"	25	4000	2.3	0.25	2.0	0.22
1"	32	4000	2.9	0.40	2.0	0.28
1-1/4"	40	4000	3.0	0.52	2.0	0.36
1-1/2"	50	4000	3.7	0.81	2.4	0.54
2"	63	4000	4.7	1.29	3.0	0.85
2-1/2"	75	4000	5.6	1.83	3.6	1.21
3"	90	4000	6.7	2.63	4.3	1.74
4"	110	4000	8.1	3.89	5.3	2.61
5"	140	4000	10.3	6.29	6.7	4.21
6"	160	4000	11.8	8.24	7.7	5.52
8"	225	4000	16.6	16.29	10.8	10.90
10"	280	4000	20.6	25.17	13.4	16.83
12"	315	4000	23.2	31.89	15	21.20
14"	355	4000	26.1	40.43	16.9	26.91
16"	400	4000	29.4	51.32	19.1	34.27
18"	450	4000			21.5	43.39
20"	500	4000			23.9	53.59
24"	630	4000			30.3	84.78

本标准依据国家标准 GB/T18998.2-2003 制定，管材长度可根据客户需要定制。

PVC-C 45° ELBOW

PVC-C 45° 弯头 管件执行标准 GB/T18998.3-2022



公称直径 DN	D	d1	d2	L	Z	e
15	27	20	16	21.6	16	3.5
20	32	25	21	25.6	19	3.5
25	40	32	28	30.3	22	4
32	50	40	36	36.4	26	5
40	61	50	45	43.6	31	5.5
50	75	63	58	53.5	38	6
65	88	75	70	62.2	44	6.5
80	104	90	85	72.5	51	7
100	127	110	104	87.3	61	8.5
125	161	140	136	107	76	10.5
150	184	160	154	122	86	12
200	260	225	218	171	118.5	17.5
250	310	280	274	210	146	15
300	346	315	304	236	164	15.5
350	390	355	340	265	184	17.5
400	440	400	386	298	206	20

PIPES
PVC-C 管

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

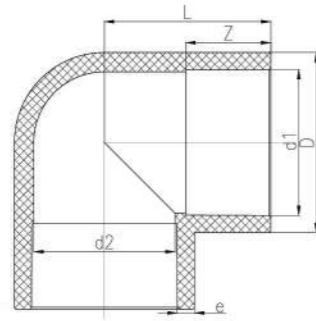
ADAPTER
接头

REDUCER
大小头

FLANGE
法兰

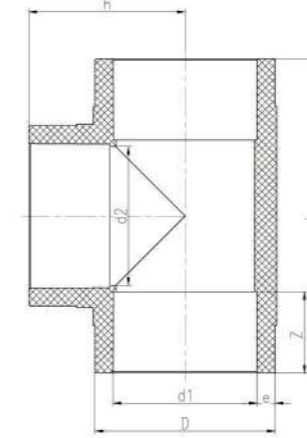


PVC-C 90° ELBOW
PVC-C 90°弯头 - A 款



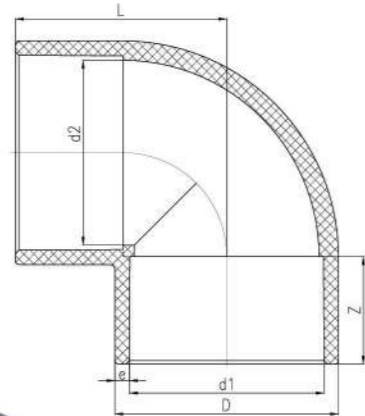
公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	27	16	3
20	32	25	20	33	19	3.5
25	41	32	27	40	22	4.5
32	50	40	34	48	26	5
40	63	50	44	58	31	6.5
50	79	63	57	72	38	8
65	93	75	73	86	44	9
80	112	90	87	99	51	11
100	132	110	106	118	61	11
125	163	140	135	150	76	11.5
150	186	160	156	168	86	13
200	261	225	216	244	119	18
250 (Φ250)	287	250	240	274.5	131	18.5
250 (Φ280)	318	280	270	298	146	19
300	360	315	305	352	164	22.5

PVC-C TEE
PVC-C 三通 - A 款



公称直径 DN	D	d1	d2	L	Z	h	e
15	26	20	16	65	16	29.5	3
20	32	25	20	65	19	32	3.5
25	41	32	27	80	22	40	4.5
32	50.5	40	34	96	26	48	5
40	63.5	50	44	116	31	58	6.5
50	79	63	55	142	38	72	8
65	94.5	75	74	167	44	84	9.5
80	113	90	87	197	51	98	11.5
100	134	110	106	236	61	118	12
125	163	140	135	300	76	148	11.5
150	185	160	156	335	86	168	12.5
200	262	225	214	490	119	244	18.5
250 (Φ250)	288	250	240	538	131	269	19
250 (Φ280)	318	280	270	595	146	298	19
300	362	315	305	652	164	330	23.5

PVC-C 90° ELBOW
PVC-C 90°弯头 - B 款



公称直径 DN	D	d1	d2	L	Z	e
15	27	20	18	28	16	3.5
20	32	25	23	34	18.5	3.5
25	40	32	30	41	22	4
32	50	40	38	49	26	5
40	61	50	47.5	61	31	5.5
50	75	63	60	74	37.5	6
65	88	75	72	83	43.5	6.5
80	104	90	86	99	51	7
100	127	110	105	120	61	8.5
125	161	140	134	150	76	10.5
150	184	160	154	172	86	12
200	249	225	219	237	118.5	12
250	310	280	270	301	146	15
300	346	315	310	331	163.5	15.5
350	392	355	350	371.5	184	18.5
400	442	400	395	416	206	21
450	494	450	430	483	231	22
500	548	500	480	521	256	24
600	670	630	600	654	321	20

CPVC 管

弯头

三通

直通

管帽

接头

补芯

由任活接

四通

大小头

法兰

CPVC 管

弯头

三通

直通

管帽

接头

补芯

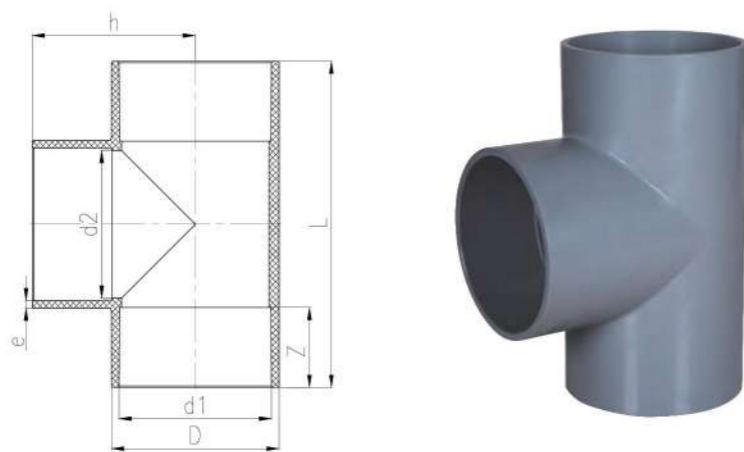
由任活接

四通

大小头

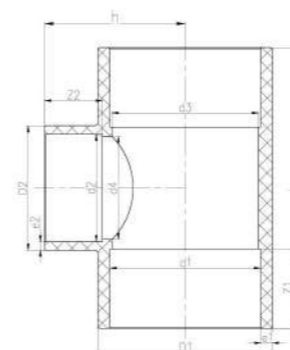
法兰

PVC-C TEE
PVC-C 三通 - B 款



公称直径 DN	D	d1	d2	L	Z	h	e
15	27	20	18	56	16	28	3.5
20	32	25	22	66	18.5	33	3.5
25	40	32	29	80	22	40	4
32	50	40	37	99	26	49.5	5
40	61	50	47	120	31	60	5.5
50	75	63	59	148	38	74	6
65	88	75	71	169	43.5	84.5	6.5
80	104	90	86	198	51	99	7
100	127	110	105	238	61	119	8.5
125	161	140	135	298	76	149	10.5
150	184	160	154	338	86	169	12
200	249	225	219	484	118.5	242	12
250	308	280	270	595	146	297.5	14
300	346	315	310	662	163.5	331	15.5
350	390	355	340	749	184	374.5	17.5
400	440	400	386	840	206	420	20
450	494	450	430	944	231	472	22
500	540	500	480	1040	256	520	20

PVC-C REDUCING TEE
PVC-C 异径三通



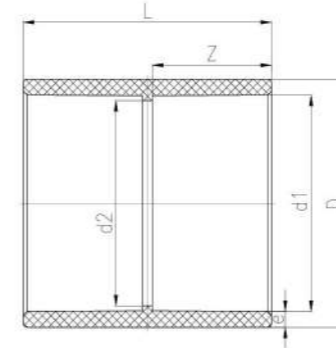
公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
20*15	31.5	26	25	20	20	16	65.5	29.5	19	19	3.2	3
25*15	41	27	32	20	27	16	80.5	33.5	22	19	4.5	3.5
25*20	41	31.5	32	25	27	20	80.5	36.5	22	19	4.5	3.2
32*15	50.5	26	40	20	34	16	96.5	37.25	26	16.5	5.2	3
32*20	50.5	31.5	40	25	34	20	96.5	40.25	26	19	5.2	3.2
32*25	50.5	41	40	32	34	27	96.5	43.65	26	22	5.2	4.5
40*15	63.5	27	50	20	44	16	116	42.85	31	16	6.7	3.5
40*20	63.5	33	50	25	44	20	116	45.75	31	19	6.7	4
40*25	63.5	43	50	32	44	27	116	48.65	31	22	6.7	5.5
40*32	63.5	51	50	40	44	34	116	52.45	31	26	6.7	5.3
50*20	79	33	63	25	55	20	143	52	38	19	8	3.8
50*25	79	41	63	32	55	27	143	55.3	38	22	8	4.5
50*32	79	50.5	63	40	55	34	143	60	38	26	8	5.3
50*40	79	63.5	63	50	55	44	143	63.5	38	31	8	6.6
65*25	94.5	41	75	32	69	27	168	70.5	44	22	9.7	4.5
65*32	94.5	50.5	75	40	69	34	168	64	44	26	9.7	5.2
65*40	94.5	63	75	50	69	44	168	70	44	31	9.7	6.5
65*50	94.5	79.5	75	63	69	55	168	79	44	38	9.7	8.2
80*20	114	42.5	90	25	87	20	197	68.5	50.5	18.5	12	8.7
80*25	114	42.5	90	32	87	27	197	68.5	50.5	22	12	5.2
80*32	114	52	90	40	87	34	197	73.5	50.5	26	12	5.8
80*40	114	63.5	90	50	87	44	197	78.5	50.5	31	12	6.7
80*50	114	80	90	63	87	55	197	83	50.5	38	12	8.4
80*65	114	95	90	75	87	69	197	92	50.5	44	12	10
100*25	134	41	110	32	106	27	237	77	61	22.5	12	4.4
100*32	134	50	110	40	106	34	237	85	61	26	12	5
100*40	134	63	110	50	106	44	237	89	61	31	12	6.5
100*50	134	79	110	63	106	55	237	89	61	37.5	12	8
100*65	134	94.5	110	75	106	69	237	100	61	44	12	9.7
100*80	134	113.5	110	90	106	87	237	107	61	51	12	11.7
125*50	163	113	140	63	135	55	297.5	132.5	77	37.5	11.5	8
125*80	163	113	140	90	135	87	297.5	132.5	77	50.5	11.5	11.5
125*100	163	134	140	110	135	106	297.5	138.5	77	60.5	11.5	12
150*50	185.5	79.5	160	63	156	55	337	117.5	85.5	38	12.7	8.2

CPVC管
PIPES
弯头
ELBOW
三通
TEE
直通
COUPLING
管帽
END CAP
接头
ADAPTER
补芯
BUSHING
由任活接
UNION
四通
CROSS
大小头
REDUCER
法兰
FLANGE

PIPES
CPVC管
ELBOW
弯头
TEE
三通
COUPLING
直通
END CAP
管帽
ADAPTER
接头
BUSHING
补芯
UNION
由任活接
CROSS
四通
REDUCER
大小头
FLANGE
法兰

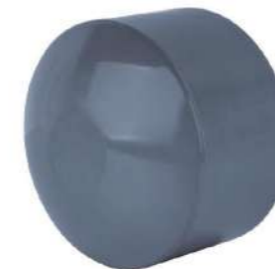
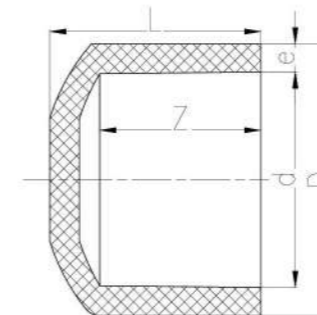
公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
150*65	185.5	95	160	75	156	69	337	128.5	85.5	44	12.7	10
150*80	185.5	113	160	90	156	87	337	132.5	85.5	51	12.7	11.5
150*100	185.5	134.5	160	110	156	106	337	142.5	85.5	60.5	12.7	12.2
150*125	185.5	162	160	140	156	135	337	159.5	85.5	77	12.7	11
200*50	261	75	225	63	219	59	420	157.5	119	38	18	6
200*65	261	89	225	75	219	71	420	163	119	44	18	7
200*80	261	106	225	90	219	86	420	171	119	51	18	8
200*100	261	129	225	110	219	105	420	181	119	61	18	9.5
200*150	261	186	225	160	219	154	420	210	119	86	18	13
250*125	308	161	280	140	270	130	538	225	146	76	14	10.5
250*150	308	184	280	160	270	150	538	235	146	86	14	12
250*200	308	248	280	225	270	219	538	268	146	119	14	11.5
300*200	346	249	315	225	310	219	662	281	163.5	113.5	15.5	12
350*150	390	184	355	160	340	154	749	276.5	184	86	17.5	12
350*200	390	249	355	225	340	219	749	309	184	118.5	17.5	12
450*300	494	346	450	315	430	304	944	448	231	164	22	15.5

PVC-C COUPLING
PVC-C 直通 - B 款



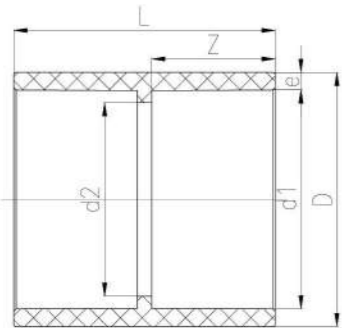
公称直径 DN	D	d1	d2	L	Z	e
15	27	20	18	35	16	3.5
20	32	25	23	40	18.5	3.5
25	40	32	30	47	22	4
32	50	40	38	55	26	5
40	61	50	47	65	31	5.5
50	75	63	60	80	37.5	6
65	88	75	72	92	44	6.5
80	104	90	86	107	51	7
100	127	110	105	127	61	8.5
125	161	140	134	158	76	10.5
150	184	160	154	180	86	12
200	249	225	219	247	118.5	12
250	309	280	272	303	146	14.5
300	346	315	306	338	163.5	15.5
350	392	355	349	380	184	18.5
400	440	400	393	430	206	20
450	494	450	430	477	231	22
500	548	500	480	527	256	24
600	692	630	600	657	321	31

PVC-C ENDCAP
PVC-C 管帽



公称直径 DN	D	d	L	Z	e
15	28	20	21.3	16	4
20	32	25	24.3	19	3.5
25	41	32	29.1	22	4.5
32	51	40	34.1	27	5.5
40	63	50	40.9	31	6.5
50	79	63	52.4	38	8
65	92	75	63.4	44	8.5
80	110	90	76.6	51	10
100	132	110	83.8	61	11
125	162	140	104	76	11
150	183	160	114.8	86	11.5
200	250	225	154	118.5	12.5
250	308	280	190	146	14
300	346	315	218	164	15.5
350	392	355	230	184	18.5
400	442	400	246	206	21

PVC-C COUPLING
PVC-C 直通 - A 款



公称直径 DN	D	d1	d2	L	Z	e
15	26.5	20	16	36	16	3.2
20	32.5	25	21	41	19	3.7
25	40.5	32	28	47	22	4.2
32	49	40	36	55.5	26	4.5
40	60.5	50	42	66	31	5.2
50	74.5	63	55	80	38	5.7
65	88	75	66	92	44	6.5
80	105	90	80	108	51	7.5
100	129	110	100	130	61	9.5
125	163	140	130	160	76	11.5
150	186	160	149	180	86	13
200	263	225	210	248	119	19
250(Φ250)	288	250	240	272	131	19
250(Φ280)	316	280	265	310	146	18
300	362	315	300	344	164	23.5

CPVC 管

弯头

三通

直通

管帽

接头

补芯

由任连接

四通

大小头

法兰

PIPES

ELBOW

TEE

COUPLING

ENDCAP

ADAPTER

BUSHING

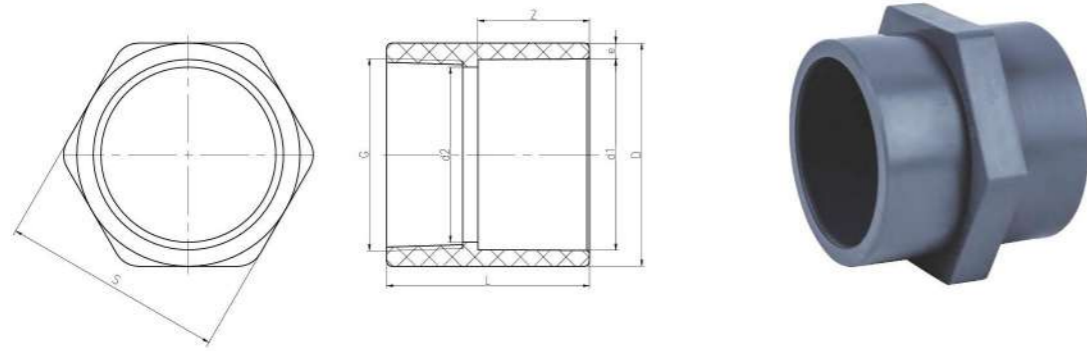
UNION

CROSS

REDUCER

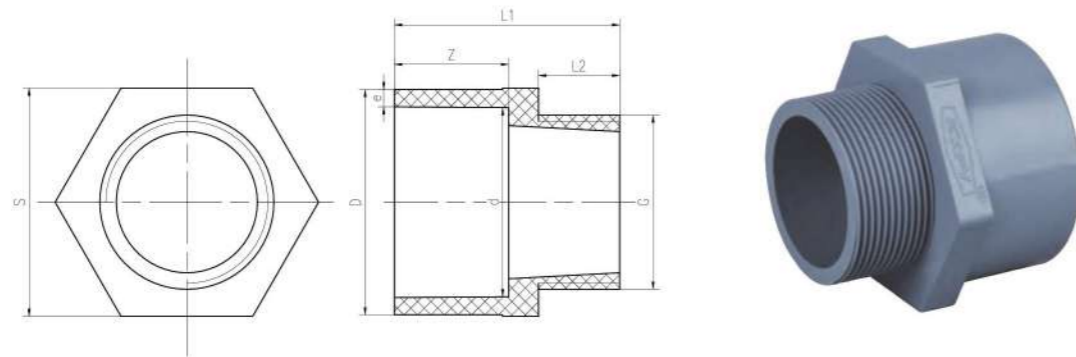
FLANGE

PVC-C FEMALE ADAPTOR
PVC-C 内螺纹接头



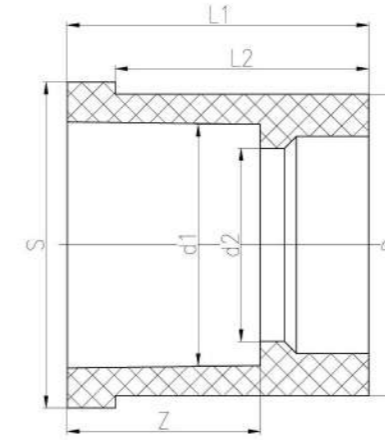
公称直径 DN	D	d1	d2	G	L	Z	S	e
15	27	20	16	Rc 1/2	38	16	28	3.5
20	32	25	21	Rc 3/4	42	19	34	3.5
25	40	32	27	Rc 1	47	22	42	4
32	50	40	35	Rc 1-1/4	54	26	52	5
40	61	50	43	Rc 1-1/2	59	31	61	5.5
50	75	63	54	Rc 2	70	38	75	6
65	88	75	69	Rc 2-1/2	80	44	88	6.5

PVC-C MALE ADAPTOR
PVC-C 外螺纹接头



公称直径 DN	D	d	G	L1	L2	Z	S	e
15	28	20	R 1/2	42	18	16	32	4
20	33	25	R 3/4	45	18	19	34	4
25	40	32	R 1	52.5	23.5	22	41	4
32	50	40	R 1-1/4	60	25	26	51	5
40	61	50	R 1-1/2	67	28	31	65	5.5
50	75	63	R 2	75	27	38	76	6

PVC-C BUSHING
PVC-C 补芯

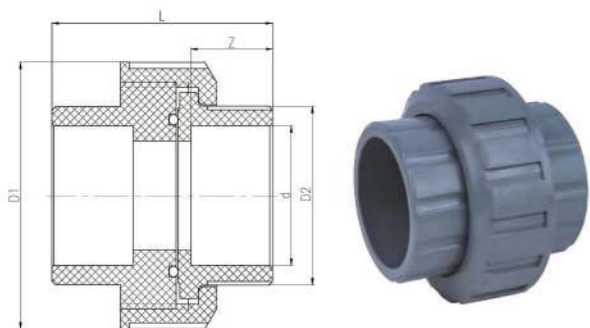


公称直径 DN	D	d1	d2	L1	L2	Z	S
20*15	25	20	16.5	25	21	16	27.5
25*15	32	20	16.5	27	22	16	35
25*20	32	25	21	27	22	19	35
32*15	40	20	16.5	32	26	16	42.5
32*20	40	25	21	32	26	18	42.5
32*25	40	32	27.5	32.5	26.5	21.5	42.5
40*15	50	20	16.5	39	31	16	54
40*20	50	25	21	39	31	19	54
40*25	50	32	28	39	31	22	54
40*32	50	40	36	39	31	26	54
50*15	63	20	16.5	47	38	16	67
50*20	63	25	21	47	38	19	67
50*25	63	32	28	47	38	22	67
50*32	63	40	36	47	38	26	67
50*40	63	50	46	47	38	31	67
65*25	75	32	28	53	44	22	79
65*32	75	40	36	53	44	26	79
65*40	75	50	46	53	44	31	79
65*50	75	63	58.5	53	44	38	79
80*32	90	40	35.5	61	51	26	93.5
80*40	90	50	46	61	51	31	93.5
80*50	90	63	59	61	51	38	93.5
80*65	90	75	70	61	51	43.5	93.5
100*32	110	40	35.5	72.5	60.5	31	113.5
100*40	110	50	46	73	61	31	113.5
100*50	110	63	59	73	61	38	113.5
100*65	110	75	71	73	61	44	113.5
100*80	110	90	84	73	61	49	113.5
125*50	140	63	60	88	76	38	144
125*80	140	90	85	88	76	56	144
125*100	140	110	105	88	76	61	144
150*50	160	63	60	100	86	38	165
150*100	160	110	106	100	86	61	164.5
150*125	160	140	136	100	86	76	164.5
200*150	225	160	155	135	119	86	228.5
250*50	280	63	60	146	128	37.5	285
250*200	280	225	210	146	128	119	285
300*250	315	280	265	178	158	131	324
350*250	355	280	270	199	184	146	355
350*300	355	315	304	199	184	164	355
400*150	400	160	154	221	206	86	400
400*250	400	280	270	221	206	146	400
400*350	400	355	340	221	206	184	400

CPVC管
PVC管
弯头
三通
直通
管帽
接头
补芯
由任连接
四通
大小头
法兰

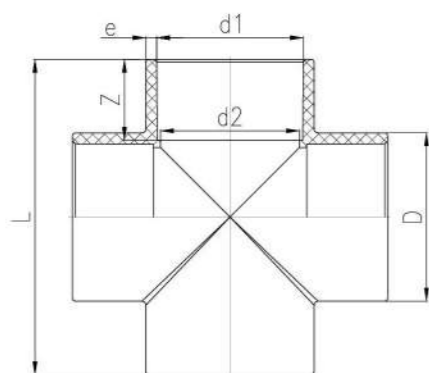
CPVC管
PVC管
弯头
三通
直通
管帽
接头
补芯
由任连接
四通
大小头
法兰

PVC-C UNION
PVC-C 由任



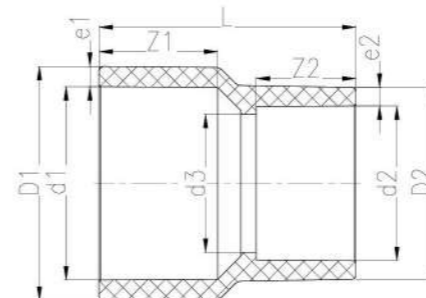
公称直径 DN	外形尺寸 (mm) Screwtop type size				
	D1	D2	d	L	Z
15	50	27	20	52.5	20
20	58	34	25	63	24
25	70	41	32	66	27
32	85	52	40	77.5	30
40	98	63	50	79.5	32
50	127	78	63	88.5	38
65	144	96	75	119	44
80	158	107	90	131	51
100	192	126	110	158	61

PVC-C CROSS
PVC-C 四通



公称直径 DN (mm)	外形尺寸 (mm) Screwtop type size					
	D	d1	d2	L	Z	e
25	40	32	26	80	22	4
32	50	40	33	98	26	5
40	61	50	47	120	31	5.5
50	75	63	59	148	37.5	6
65	88	75	71	169	44	6.5
80	104	90	86	198	51	7
100	127	110	105	238	61	8.5
125	161	140	135	298	76	10.5
150	184	160	154	338	86	12
200	249	225	219	480	118.5	12

PVC-C REDUCER
PVC-C 大小头



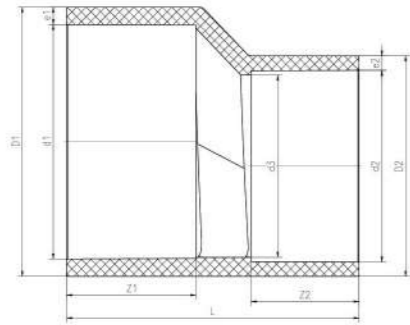
公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
300*200	351	251	315	225	219	325	163.5	118.5	18	13
300*250	351	310	315	280	274	336.5	163.5	146	18	15
350*150	390	184	355	160	154	343	184	86	17.5	12
350*200	390	249	355	225	214	359	184	119	17.5	12
350*250	390	308	355	280	270	370	184	146	17.5	14
350*300	390	346	355	315	304	378	184	164	17.5	15.5
400*200	440	249	400	225	214	394	206	119	20	12
400*250	440	308	400	280	270	405	206	146	20	14
400*300	440	346	400	315	304	413	206	164	20	15.5
400*350	440	390	400	355	340	423	206	184	20	17.5
450*300	494	346	450	315	304	454	231	164	22	15.5
450*350	494	390	450	355	340	463	231	184	22	17.5
450*400	494	440	450	400	386	472	231	206	22	20
500*300	548	346	500	315	304	494	256	164	24	15.5
500*350	548	390	500	355	340	504	256	184	24	17.5
500*400	548	440	500	400	386	513	256	206	24	20
500*450	548	494	500	450	430	525	256	231	24	22
600*300	692	346	630	315	304	600	321	164	31	15.5
600*350	692	390	630	355	340	609	321	184	31	17.5
600*400	692	440	630	400	386	618	321	206	31	20
600*450	692	494	630	450	430	630	321	231	31	22
600*500	692	548	630	500	480	641	321	256	31	24

公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
20*15	32	27	25	20	16	42	19	16	3.5	3.5
25*15	40	27	32	20	16	48.5	22	16	4	3.5
25*20	40	32	32	25	21	49	22	19	4	3.5
32*20	50	32	40	25	21	57	26	19	5	3.5
32*25	50	40	40	32	28	57	26	22	5	4
40*25	61	40	50	32	28	67	31	22	5.5	4
40*32	61	50	50	40	36	67	31	26	5.5	5
50*25	75	40	63	32	28	80.5	38	22	6	4
50*32	75	50	63	40	36	80.5	38	26	6	5
50*40	75	61	63	50	45	81	38	31	6	5.5
65*25	88	40	75	32	28	93.5	44	22	6.5	4
65*32	88	50	75	40	36	93.5	44	26	6.5	5
65*40	88	61	75	50	45	94	44	31	6.5	5.5
65*50	88	75	75	63	58	95	44	38	6.5	6
80*25	105	40	90	32	28	108	51	22	7.5	4
80*32	105	50	90	40	36	108	51	26	7.5	5
80*40	105	61	90	50	45	108.5	51	31	7.5	5.5
80*50	105	75	90	63	58	109.5	51	38	7.5	6
80*65	105	88	90	75	69	110.5	51	44	7.5	6.5
100*40	127	61	110	50	45	130	61	31	8.5	5.5
100*50	127	75	110	63	58	130	61	38	8.5	6
100*65	127	88	110	75	69	130	61	44	8.5	6.5
100*80	127	105	110	90	84	130	61	51	8.5	7.5
125*50	161	75	140	63	58	143	76	38	10.5	6
125*65	161	88	140	75	69	146	76	44	10.5	6.5
125*80	161	105	140	90	82	149	76	51	10.5	7.5
125*100	161	127	140	110	102	154	76	61	10.5	8.5
150*65	184	88	160	75	69	162	86	44	12	6.5
150*80	184	105	160	90	82	165	86	51	12	7.5
150*100	184	127	160	110	102	170	86	61	12	8.5
150*125	184	161	160	140	130	176	86	76	12	10.5
200*80	260	105	225	90	82	217	119	51	17.5	7.5
200*100	260	127	225	110	102	221	119	61	17.5	8.5
200*125	260	161	225	140	130	228	119	76	17.5	10.5
200*150	260	184	225	160	150	233	119	86	17.5	12
250*200 (Φ250*225)	288	260	250	225	218	265	131	119	19	17.5
250*100 (Φ280*110)	310	127	280	110	105	272.5	146	61	15	8.5
250*125 (Φ280*140)	310	160	280	140	135	278	146	76	15	10
250*150 (Φ280*160)	310	180	280	160	155	283	146	86	15	12
250*200 (Φ280*225)	310	251	280	225	220	297	146	118.5	15	13
300*100	351	127	315	110	105	300.5	163.5	61	18	8.5
300*125	351	160	315	140	135	307	163.5	76	18	10
300*150	351	180	315	160	154	311.5	163.5	86	18	10

CPVC 管
ELBOW
TEE
直通
管帽
接头
补芯
由任连接
四通
大小头
法兰

PIPES
ELBOW
TEE
直通
END CAP
ADAPTER
BUSHING
UNION
CROSS
REDUCER
FLANGE

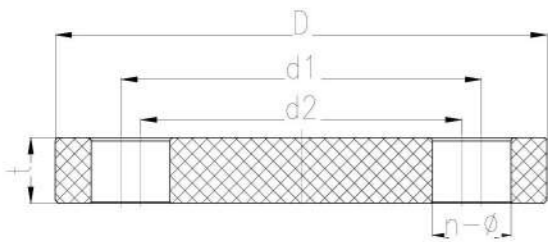
PVC-C REDUCER
PVC-C 偏心(异径)大小头



公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
50*25	75	40	63	32	27	92	38	22	6	4
50*40	75	61	63	50	46	87	38	31	6	5.5
80*40	104	61	90	50	46	122	51	31	7	5.5
80*50	104	75	90	63	60	117	51	38	7	6
100*50	127	75	110	63	57	150	61	38	8.5	6
100*80	127	104	110	90	86	138	61	51	8.5	7
150*80	184	104	160	90	79	213	86	51	12	7
150*100	184	127	160	110	102	202	86	61	12	8.5



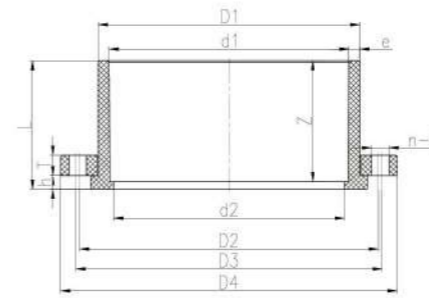
PVC-C BLIND FLANGE
PVC-C 盲法兰



公称直径 DN	D	d1	d2	t	n-φ
15	95	70	60	14	4-φ15X20
20	105	75	70	18	4-φ15X17.5
25	125	90	79	18	4-φ15X20.5
32	140	100	89	20	4-φ18X23.5
40	150	112	98	20	4-φ18X25
50	165	127.5	120	20	4-φ18X21.75
65	185	148	140	20	4-φ18X22
80	200	163	150	20	8-φ18X24.5
100	229	195	175	22	8-φ18X28
125	254	220	210	22	8-φ18X23
150	285	246	240	24	8-φ22X25
200	347	305	295	32	8-φ23X28
200	341	296		32	12-φ22
250	406	369	350	34	12-φ23X32.5
300	445	400	40	40	12-φ23
350	505	460	40	40	16-φ23
400	570	515	40	40	16-φ27
450	625	565	38	40	20-φ26
500	670	620	40	40	20-φ27
600	800	740	720	50	20-φ30X40

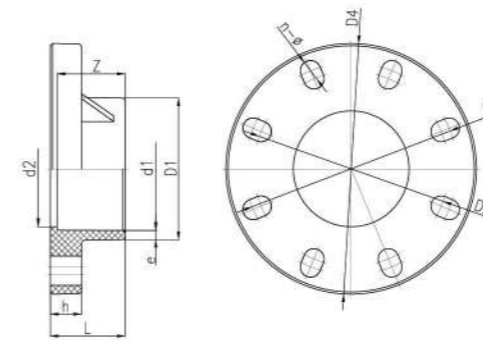


PVC-C VANSTONE FLANGE
PVC-C 活套法兰



公称直径 DN	D1	D2	D3	D4	d1	d2	L	T	h	Z	n-φ
15	27	59	70	95	20	18	22	16	1.5	16	4-φ15X20.5
20	32	70	75	105	25	23	25	18	1.5	19	4-φ15X17.5
25	40	79	90	125	32	29	28	18	1.5	22	4-φ15X20.5
32	50	89	100	140	40	36	31.5	20	1.5	26	4-φ18X24.5
40	61	98	110	150	50	4	37	20	2	31	4-φ18X24
50	75	120	125	165	63	58	44	25	2	38	4-φ18X20.5
65	88	140	145	185	75	69	50	25	2	44	4-φ18X20.5
80	105	150	160	200	90	84	57	26	2.5	51	8-φ18X23
100	127	175	190.5	229	110	105	67	26	2.5	61	8-φ18X26
125	161	210	250	250	140	130	84	28	12.5	77	8-φ19
150	182	240	285	285	160	150	93	31	12.5	85	8-φ23
200	249	295	339	339	225	215	127	36	16	119	8-φ23X25
200	254	295.8	341	341	225	215	127	33.1	16	119	12-φ22
250	308	350	395	395	280	267	154	40.5	16.5	144	12-φ23
300	346	400	445	445	315	305	170	43	18	160	12-φ23
350	395	460	505	505	355	340	176	43	16	164.5	16-φ23
400	442	515	570	570	400	382	219	43	22	200	16-φ27
450	494	565	625	625	450	430	220	40	27	210	20-φ26
500	548	620	670	670	500	475	210	43	25	185	20-φ27

PVC-C FLANGE
PVC-C 承插法兰 - A款

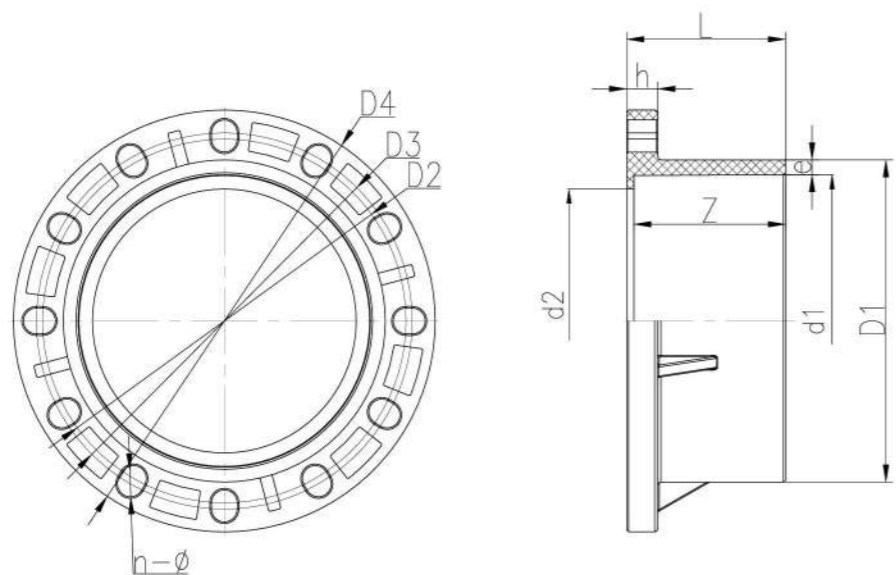


公称直径 DN	D1	D2	D3	D4	d1	d2	L	h	Z	e	n-φ
15	28	61	70	95	20	17	20	14	16	4	4-φ15X19.5
20	32	70	75	105	25	22	24	17	19	3.5	4-φ15X17.5
25	40	79	90	120	32	28	29	18	22	4	4-φ16X21.5
32	50	89	100	140	40	36	34	20	26	5	4-φ18.5X24
40	61	98	110	150	50	45	37	20	31	5.5	4-φ18.5X24.5
50	75	120	125	165	63	58	47	25	38	6	4-φ18.5X21
65	88	140	145	185	75	69	53	25	44	6.5	4-φ18.5X21
80	105	150	160	200	90	84	58	26	51	7.5	8-φ18.5X23.5
100	127	175	190.5	225	110	104	67	28	61	8.5	8-φ18.5X26.25
125	161	210	216	250	140	134	82	30	76	10.5	8-φ20X24
150	184	240	242	280	160	154	92	30	86	12	8-φ23X24
200	249	290	298.5	338	225	219	125	35	119	12	8-φ23X27.25

PVC-C 管
ELBOW
TEE
直通
管帽
接头
补芯
由任连接
四通
大小头
法兰

PIPES
ELBOW
TEE
COUPLING
END CAP
ADAPTER
BUSHING
UNION
CROSS
REDUCER
FLANGE

PVC-C FLANGE
PVC-C 承插法兰 - C 款



公称直径 DN	D1	D2	D3	D4	d1	d2	L	h	Z	e	n-φ
15	28	65	95	20	17	20	14	16	4	4-φ15	
20	32	75	105	25	22	24	17	19	3.5	4-φ15	
25	40	85	117	32	28	29	18	22	4	4-φ15	
32	50	100	140	40	36	33	20	26	5	4-φ19	
40	61	110	146	50	45	38	20	31	5.5	4-φ19	
50	75	125	165	63	58	50	25	38	6	4-φ19	
65	88	145	184	75	69	54	25	44	6.5	4-φ19	
80	105	160	199	90	84	62	26	51	7.5	8-φ19	
100	127	180	220	110	104	70	26	61	8.5	8-φ19	
125	161	210	249	140	134	87	28	76	10.5	8-φ19	
150	184	240	282	160	154	99	30	86	12	8-φ23	
200(PN10)	249	295	340	225	219	129	32	119	12	8-φ23	
200(PN16)	249	295	340	225	219	125	32	119	12	12-φ22	
250	310	350	362	406	280	254	153	30	146	15	12-φ25X31
300	346	400	432	483	315	300	174	30	164	15.5	12-φ25X41
350	393	460	470	520	355	348	197	35	185	19	16-φ22X27
400	440	515	525	580	400	390	218	35	206	20	16-φ26X31
450	494	561	589	640	450	430	243	40	231	22	20-φ26X40
500	548	620	650	715	500	480	271	40	256	24	20-φ26X41
600	692	725	770	840	630	571	506	42	321	31	20-φ26 20-φ36

PVC-U PIPES / FITTINGS SERIES

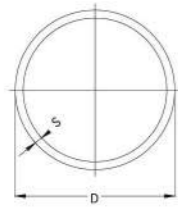
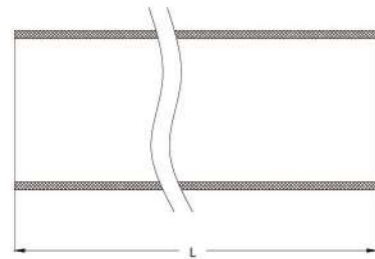
PVC-U 管材 / 管件系列



CPVC 管
PIPES
PVC-U 管
ELBOW
三通
TEE
直通
COUPLING
管帽
END CAP
接头
ADAPTER
补芯
BUSHING
由任连接
UNION
四通
CROSS
大小头
REDUCER
法兰
FLANGE

PVC-U PIPES FOR INDUSTRY

PVC-U 化工管 管材执行标准 GB/T4219.1-2008



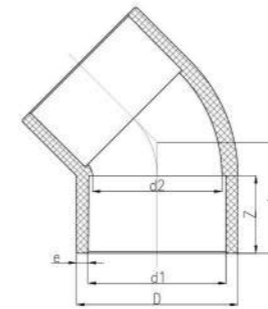
英寸	外径 D	长度 L	壁厚及重量 S			
	mm		PN1.6MPa KG/M	KG/M	PN1.0MPa KG/M	KG/M
1/2"	20	4000	2.0	0.16	2.0	0.16
3/4"	25	4000	2.3	0.24	2.0	0.21
1"	32	4000	2.9	0.38	2.0	0.27
1-1/4"	40	4000	3.0	0.51	2.0	0.35
1-1/2"	50	4000	3.7	0.78	2.4	0.52
2"	63	4000	4.7	1.25	3.0	0.82
2-1/2"	75	4000	5.6	1.77	3.6	1.17
3"	90	4000	6.7	2.54	4.3	1.68
4"	110	4000	8.1	3.76	5.3	2.53
5"	140	4000	10.3	6.08	6.7	4.07
6"	160	4000	11.8	7.96	7.7	5.34
8"	225	4000	16.6	15.75	10.8	10.53
10"	280	4000	20.6	24.33	13.4	16.27
12"	315	4000	23.2	30.82	15	20.49
14"	355	4000	26.1	39.08	16.9	26.02
16"	400	4000	29.4	49.61	19.1	33.12
18"	450	4000			21.5	41.95
20"	500	4000			23.9	51.81
24"	630	4000			30	81.95

本标准依据国家标准 GB/T 4219-2008 制定，管材长度可根据客户需要定制。

This standard is based on national standards GB/T 4219 2008, the length of pipe can be customized according to customer needs.

PVC-U ELBOW

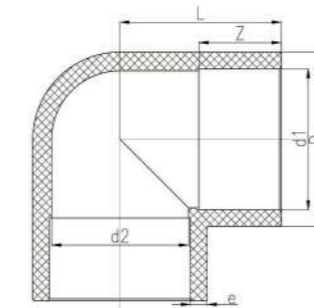
PVC-U 45°弯头 管材执行标准 GB/T4219.2-2015



公称直径 DN	D	d1	d2	L	Z	e
15	27	20	16	21.6	16	3.5
20	32	25	21	25.6	19	3.5
25	40	32	28	30.3	22	4
32	50	40	36	36.4	26	5
40	61	50	45	43.6	31	5.5
50	75	63	58	53.5	38	6
65	88	75	70	62.2	44	6.5
80	104	90	85	72.5	51	7
100	127	110	104	87.3	61	8.5
125	161	140	136	107	76	10.5
150	184	160	154	122	86	12
200	260	225	218	171	118.5	17.5
250	310	280	274	210	146	15
300	346	315	304	236	164	15.5
350	390	355	340	265	184	17.5
400	440	400	386	298	206	20

PVC-U ELBOW

PVC-U 90°弯头 - A款



公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	27	16	3
20	32	25	20	33	19	3.5
25	41	32	27	40	22	4.5
32	50	40	34	48	26	5
40	63	50	44	58	31	6.5
50	79	63	57	72	38	8
65	93	75	73	86	44	9
80	112	90	87	99	51	11
100	132	110	106	118	61	11
125	163	140	135	150	76	11.5
150	186	160	156	168	86	13
200	261	225	216	244	119	18
250 (Φ250)	287	250	240	274.5	131	18.5
250 (Φ280)	318	280	270	298	146	19
300	360	315	305	352	164	22.5

PVC-U 管

弯头

三通

直通

管帽

接头

补芯

由任活接

四通

大小头

法兰

PIPES

ELBOW

TEE

COUPLING

END CAP

ADAPTER

BUSHING

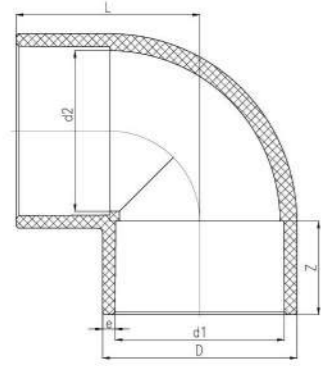
UNION

CROSS

REDUCER

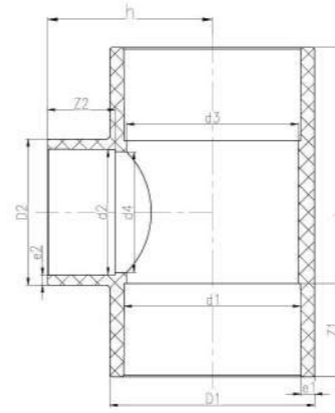
FLANGE

PVC-U ELBOW
PVC-U 90°弯头 - B 款



公称直径 DN	D	d1	d2	L	Z	e
15	27	20	18	28	16	3.5
20	32	25	23	34	18.5	3.5
25	40	32	30	41	22	4
32	50	40	38	49	26	5
40	61	50	47.5	61	31	5.5
50	75	63	60	74	37.5	6
65	88	75	72	83	43.5	6.5
80	104	90	86	99	51	7
100	127	110	105	120	61	8.5
125	161	140	134	150	76	10.5
150	184	160	154	172	86	12
200	249	225	219	237	118.5	12
250	310	280	270	301	146	15
300	346	315	310	331	163.5	15.5
350	392	355	350	371.5	184	18.5
400	442	400	395	416	206	21
450	494	450	430	483	231	22
500	548	500	480	521	256	24
600	670	630	600	654	321	20

PVC-U REDUCING TEE
PVC-U 异径三通



公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
20*15	31.5	26	25	20	20	16	65.5	29.5	19	19	3.2	3
25*15	41	27	32	20	27	16	80.5	33.5	22	19	4.5	3.5
25*20	41	31.5	32	25	27	20	80.5	36.5	22	19	4.5	3.2
32*15	50.5	26	40	20	34	16	96.5	37.25	26	16.5	5.2	3
32*20	50.5	31.5	40	25	34	20	96.5	40.25	26	19	5.2	3.2
32*25	50.5	41	40	32	34	27	96.5	43.65	26	22	5.2	4.5
40*15	63.5	27	50	20	44	16	116	42.85	31	16	6.7	3.5
40*20	63.5	33	50	25	44	20	116	45.75	31	19	6.7	4
40*25	63.5	43	50	32	44	27	116	48.65	31	22	6.7	5.5
40*32	63.5	51	50	40	44	34	116	52.45	31	26	6.7	5.3
50*20	79	33	63	25	55	20	143	52	38	19	8	3.8
50*25	79	41	63	32	55	27	143	55.3	38	22	8	4.5
50*32	79	50.5	63	40	55	34	143	60	38	26	8	5.3
50*40	79	63.5	63	50	55	44	143	63.5	38	31	8	6.6
65*25	94.5	41	75	32	69	27	168	70.5	44	22	9.7	4.5
65*32	94.5	50.5	75	40	69	34	168	74	44	26	9.7	5.2
65*40	94.5	63	75	50	69	44	168	77	44	31	9.7	6.5
65*50	94.5	79.5	75	63	69	55	168	83	44	38	9.7	8.2
80*20	114	42.5	90	25	87	20	197	68.5	50.5	18.5	12	8.7
80*25	114	42.5	90	32	87	27	197	71.5	50.5	22	12	9.2
80*32	114	52	90	40	87	34	197	74.5	50.5	26	12	9.7
80*40	114	63.5	90	50	87	44	197	78.5	50.5	31	12	10.2
80*50	114	80	90	63	87	55	197	83	50.5	38	12	10.7
80*65	114	95	90	75	87	69	197	92	50.5	44	12	11.2
100*25	134	41	110	32	106	27	237	77	61	22.5	12	4.4
100*32	134	50	110	40	106	34	237	80	61	26	12	4.9
100*40	134	63	110	50	106	44	237	84	61	31	12	5.4
100*50	134	79	110	63	106	55	237	88	61	37.5	12	5.9
100*65	134	94.5	110	75	106	69	237	92	61	44	12	6.4
100*80	134	113.5	110	90	106	87	237	100	61	51	12	6.9
125*50	163	113	140	63	135	55	297.5	132.5	77	37.5	11.5	8
125*80	163	113	140	90	135	87	297.5	132.5	77	50.5	11.5	11.5
125*100	163	134	140	110	135	106	297.5	138.5	77	60.5	11.5	12

UPVC 管
UPVC 管
弯头
三通
直通
管帽
接头
补芯
由任活接
四通
大小头
法兰

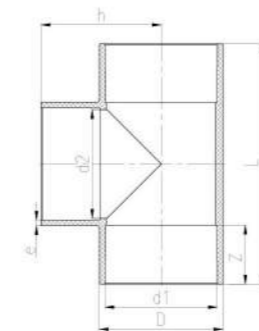
PIPES
UPVC 管
ELBOW
弯头
TEE
三通
COUPLING
直通
END CAP
管帽
ADAPTER
接头
BUSHING
补芯
UNION
由任活接
CROSS
四通
REDUCER
大小头
FLANGE
法兰

UPVC管 PIPES
弯头 ELBOW
三通 TEE
直通 COUPLING
管帽 END CAP
接头 ADAPTER
补芯 BUSHING
由任活接 UNION
四通 CROSS
大小头 REDUCER
法兰 FLANGE

UPVC管 PIPES
弯头 ELBOW
三通 TEE
直通 COUPLING
管帽 END CAP
接头 ADAPTER
补芯 BUSHING
由任活接 UNION
四通 CROSS
大小头 REDUCER
法兰 FLANGE

PVC-U TEE
PVC-U三通 - B款

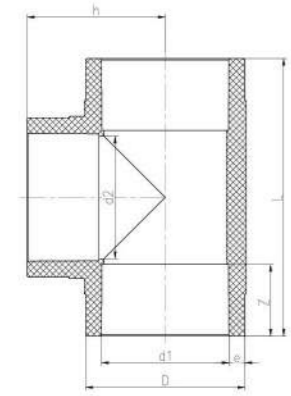
公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
150*50	185.5	79.5	160	63	156	55	337	117.5	85.5	38	12.7	8.2
150*65	185.5	95	160	75	156	69	337	128.5	85.5	44	12.7	10
150*80	185.5	113	160	90	156	87	337	132.5	85.5	51	12.7	11.5
150*100	185.5	134.5	160	110	156	106	337	142.5	85.5	60.5	12.7	12.2
150*125	185.5	162	160	140	156	135	337	159.5	85.5	77	12.7	11
200*50	261	75	225	63	219	59	420	157.5	119	38	18	6
200*65	261	89	225	75	219	71	420	163	119	44	18	7
200*80	261	106	225	90	219	86	420	171	119	51	18	8
200*100	261	129	225	110	219	105	420	181	119	61	18	9.5
200*150	261	186	225	160	219	154	420	210	119	86	18	13
250*125	308	161	280	140	270	130	538	225	146	76	14	10.5
250*150	308	184	280	160	270	150	538	235	146	86	14	12
250*200	308	248	280	225	270	219	538	268	146	119	14	11.5
300*200	346	249	315	225	310	219	662	281	163.5	113.5	15.5	12
350*150	390	184	355	160	340	154	749	276.5	184	86	17.5	12
350*200	390	249	355	225	340	219	749	309	184	118.5	17.5	12
450*300	494	346	450	315	430	304	944	448	231	164	22	15.5



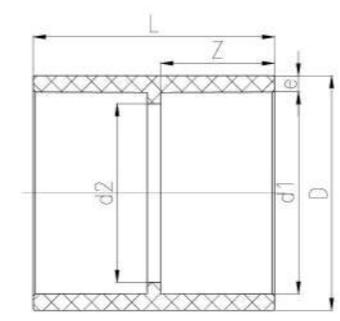
公称直径 DN	D	d1	d2	L	Z	h	e
15	27	20	18	56	16	28	3.5
20	32	25	22	66	18.5	33	3.5
25	40	32	29	80	22	40	4
32	50	40	37	99	26	49.5	5
40	61	50	47	120	31	60	5.5
50	75	63	59	148	38	74	6
65	88	75	71	169	43.5	84.5	6.5
80	104	90	86	198	51	99	7
100	127	110	105	238	61	119	8.5
125	161	140	135	298	76	149	10.5
150	184	160	154	338	86	169	12
200	249	225	219	484	118.5	242	12
250	308	280	270	595	146	297.5	14
300	346	315	310	662	163.5	331	15.5
350	390	355	340	749	184	374.5	17.5
400	440	400	386	840	206	420	20
450	494	450	430	944	231	472	22
500	540	500	480	1040	256	520	20

PVC-U COUPLING
PVC-U直通 - A款

PVC-U TEE
PVC-U三通 - A款

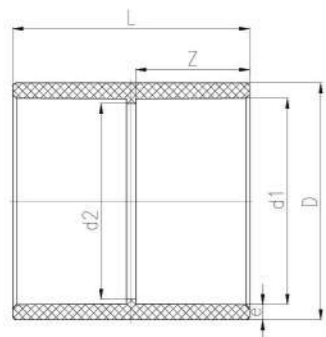


公称直径 DN	D	d1	d2	L	Z	h	e
15	26	20	16	65	16	29.5	3
20	32	25	20	65	19	32	3.5
25	41	32	27	80	22	40	4.5
32	50.5	40	34	96	26	48	5
40	63.5	50	44	116	31	58	6.5
50	79	63	55	142	38	72	8
65	94.5	75	74	167	44	84	9.5
80	113	90	87	197	51	98	11.5
100	134	110	106	236	61	118	12
125	163	140	135	300	76	148	11.5
150	185	160	156	335	86	168	12.5
200	262	225	214	490	119	244	18.5
250 (Φ250)	288	250	240	538	131	269	19
250 (Φ280)	318	280	270	595	146	298	19
300	362	315	305	652	164	330	23.5



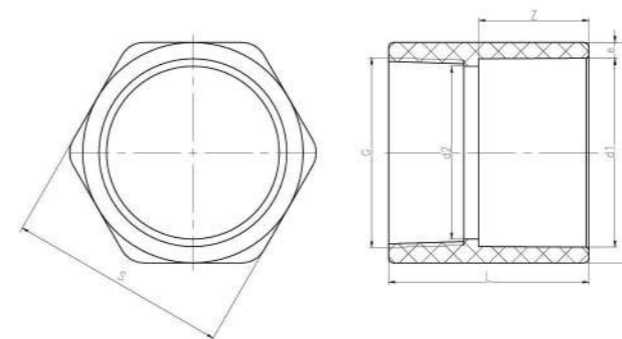
公称直径 DN	D	d1	d2	L	Z	e
15	26.5	20	16	36	16	3.2
20	32.5	25	21	41	19	3.7
25	40.5	32	28	47	22	4.2
32	49	40	36	55.5	26	4.5
40	60.5	50	42	66	31	5.2
50	74.5	63	55	80	38	5.7
65	88	75	66	92	44	6.5
80	105	90	80	108	51	7.5
100	129	110	100	130	61	9.5
125	163	140	130	160	76	11.5
150	186	160	149	180	86	13
200	263	225	210	248	119	19
250 (Φ250)	288	250	240	272	131	19
250 (Φ280)	316	280	265	310	146	18
300	362	315	300	344	164	23.5

PVC-U COUPLING
PVC-U 直通 - B 款



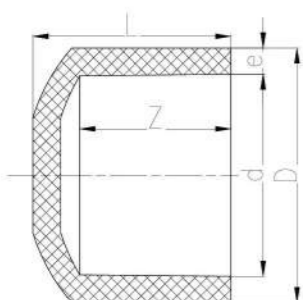
公称直径 DN	D	d1	d2	L	Z	e
15	27	20	18	35	16	3.5
20	32	25	23	40	18.5	3.5
25	40	32	30	47	22	4
32	50	40	38	55	26	5
40	61	50	47	65	31	5.5
50	75	63	60	80	37.5	6
65	88	75	72	92	44	6.5
80	104	90	86	107	51	7
100	127	110	105	127	61	8.5
125	161	140	134	158	76	10.5
150	184	160	154	180	86	12
200	249	225	219	247	118.5	12
250	309	280	272	303	146	14.5
300	346	315	306	338	163.5	15.5
350	392	355	349	380	184	18.5
400	440	400	393	430	206	20
450	494	450	430	477	231	22
500	548	500	480	527	256	24
600	692	630	600	657	321	31

PVC-U FEMALE ADAPTOR
PVC-U 内螺纹接头



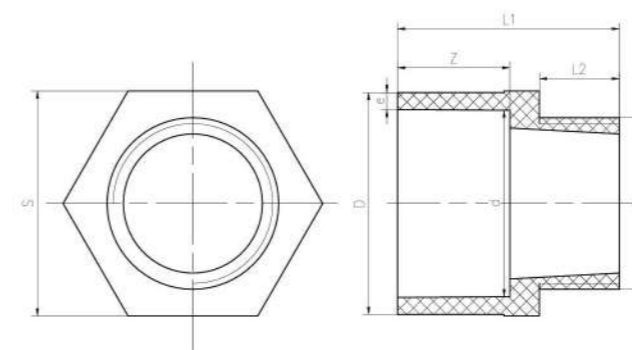
公称直径 DN	D	d1	d2	G	L	Z	S	e
15	27	20	16	Rc 1/2	38	16	28	3.5
20	32	25	21	Rc 3/4	42	19	34	3.5
25	40	32	27	Rc 1	47	22	42	4
32	50	40	35	Rc 1-1/4	54	26	52	5
40	61	50	43	Rc 1-1/2	59	31	61	5.5
50	75	63	54	Rc 2	70	38	75	6
65	88	75	69	Rc 2-1/2	80	44	88	6.5

PVC-U ENDCAP
PVC-U 管帽



公称直径 DN	D	d	L	Z	e
15	28	20	21.3	16	4
20	32	25	24.3	19	3.5
25	41	32	29.1	22	4.5
32	51	40	34.1	27	5.5
40	63	50	40.9	31	6.5
50	79	63	52.4	38	8
65	92	75	63.4	44	8.5
80	110	90	76.6	51	10
100	132	110	83.8	61	11
125	162	140	104	76	11
150	183	160	114.8	86	11.5
200	250	225	154	118.5	12.5
250	308	280	190	146	14
300	346	315	218	164	15.5
350	392	355	230	184	18.5
400	442	400	246	206	21

PVC-U MALE ADAPTOR
PVC-U 外螺纹接头



公称直径 DN	D	d	G	L1	L2	Z	S	e
15	28	20	R 1/2	42	18	16	32	4
20	33	25	R 3/4	45	18	19	34	4
25	40	32	R 1	52.5	23.5	22	41	4
32	50	40	R 1-1/4	60	25	26	51	5
40	61	50	R 1-1/2	67	28	31	65	5.5
50	75	63	R 2	75	27	38	76	6

UPVC 管

弯头

三通

直通

管帽

接头

补芯

由任活接

四通

大小头

法兰

UPVC 管

弯头

三通

直通

管帽

接头

补芯

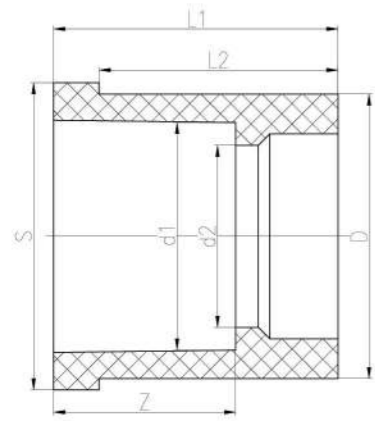
由任活接

四通

大小头

法兰

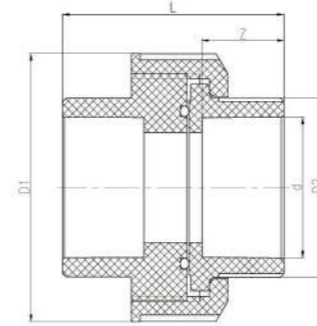
PVC-U BUSHING
PVC-U 补芯



公称直径 DN	D	d1	d2	L1	L2	Z	S
150*100	160	110	106	100	86	61	164.5
150*125	160	140	136	100	86	76	164.5
200*150	225	160	155	135	119	86	228.5
250*50	280	63	60	146	128	37.5	285
250*200	280	225	210	146	128	119	285
300*250	315	280	265	178	158	131	324
350*250	355	280	270	199	184	146	355
350*300	355	315	304	199	184	164	355
400*150	400	160	154	221	206	86	400
400*250	400	280	270	221	206	146	400
400*350	400	355	340	221	206	184	400

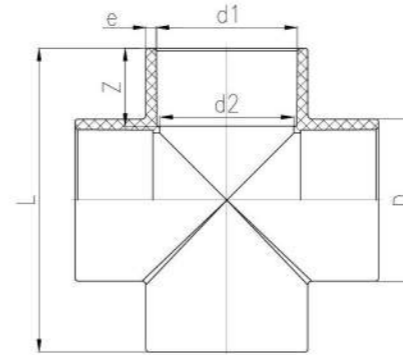
公称直径 DN	D	d1	d2	L1	L2	Z	S
20*15	25	20	16.5	25	21	16	27.5
25*15	32	20	16.5	27	22	16	35
25*20	32	25	21	27	22	19	35
32*15	40	20	16.5	32	26	16	42.5
32*20	40	25	21	32	26	18	42.5
32*25	40	32	27.5	32.5	26.5	21.5	42.5
40*15	50	20	16.5	39	31	16	54
40*20	50	25	21	39	31	19	54
40*25	50	32	28	39	31	22	54
40*32	50	40	36	39	31	26	54
50*15	63	20	16.5	47	38	16	67
50*20	63	25	21	47	38	19	67
50*25	63	32	28	47	38	22	67
50*32	63	40	36	47	38	26	67
50*40	63	50	46	47	38	31	67
65*25	75	32	28	53	44	22	79
65*32	75	40	36	53	44	26	79
65*40	75	50	46	53	44	31	79
65*50	75	63	58.5	53	44	38	79
80*32	90	40	35.5	61	51	26	93.5
80*40	90	50	46	61	51	31	93.5
80*50	90	63	59	61	51	38	93.5
80*65	90	75	70	61	51	43.5	93.5
100*32	110	40	35.5	72.5	60.5	31	113.5
100*40	110	50	46	73	61	31	113.5
100*50	110	63	59	73	61	38	113.5
100*65	110	75	71	73	61	44	113.5
100*80	110	90	84	73	61	49	113.5
125*50	140	63	60	88	76	38	144
125*80	140	90	85	88	76	56	144
125*100	140	110	105	88	76	61	144
150*50	160	63	60	100	86	38	165

PVC-U UNION
PVC-U 由任



公称直径 DN	D1	D2	d	L	Z
15	50	27	20	52.5	20
20	58	34	25	63	24
25	70	41	32	66	27
32	85	52	40	77.5	30
40	98	63	50	79.5	32
50	127	78	63	88.5	38
65	144	96	75	119	44
80	158	107	90	131	51
100	192	126	110	158	61

PVC-U CROSS
PVC-U 四通

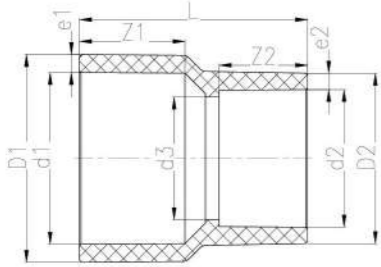


公称直径 DN	D	d1	d2	L	Z	e
25	40	32	26	80	22	4
32	50	40	33	98	26	5
40	61	50	47	120	31	5.5
50	75	63	59	148	37.5	6
65	88	75	71	169	44	6.5
80	104	90	86	198	51	7
100	127	110	105	238	61	8.5
125	161	140	135	298	76	10.5
150	184	160	154	338	86	12
200	249	225	219	480	118.5	12

UPVC 管
弯头
三通
直通
管帽
接头
补芯
由任连接
四通
大小头
法兰

PIPES
ELBOW
TEE
COUPLING
END CAP
ADAPTER
BUSHING
UNION
CROSS
REDUCER
FLANGE

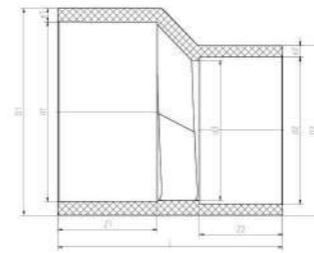
PVC-U REDUCER
PVC-U 大小头



公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
300*150	351	180	315	160	154	311.5	163.5	86	18	10
300*200	351	251	315	225	219	325	163.5	118.5	18	13
300*250	351	310	315	280	274	336.5	163.5	146	18	15
350*150	390	184	355	160	154	343	184	86	17.5	12
350*200	390	249	355	225	214	359	184	119	17.5	12
350*250	390	308	355	280	270	370	184	146	17.5	14
350*300	390	346	355	315	304	378	184	164	17.5	15.5
400*200	440	249	400	225	214	394	206	119	20	12
400*250	440	308	400	280	270	405	206	146	20	14
400*300	440	346	400	315	304	413	206	164	20	15.5
400*350	440	390	400	355	340	423	206	184	20	17.5
450*300	494	346	450	315	304	454	231	164	22	15.5
450*350	494	390	450	355	340	463	231	184	22	17.5
450*400	494	440	450	400	386	472	231	206	22	20
500*300	548	346	500	315	304	494	256	164	24	15.5
500*350	548	390	500	355	340	504	256	184	24	17.5
500*400	548	440	500	400	386	513	256	206	24	20
500*450	548	494	500	450	430	525	256	231	24	22
600*300	692	346	630	315	304	600	321	164	31	15.5
600*350	692	390	630	355	340	609	321	184	31	17.5
600*400	692	440	630	400	386	618	321	206	31	20
600*450	692	494	630	450	430	630	321	231	31	22
600*500	692	548	630	500	480	641	321	256	31	24

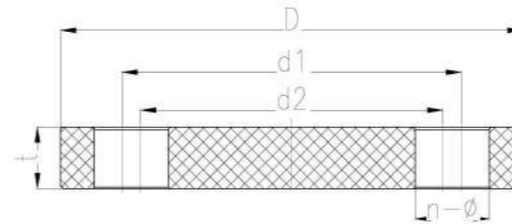
公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
20*15	32	27	25	20	16	42	19	16	3.5	3.5
25*15	40	27	32	20	16	48.5	22	16	4	3.5
25*20	40	32	32	25	21	49	22	19	4	3.5
32*20	50	32	40	25	21	57	26	19	5	3.5
32*25	50	40	40	32	28	57	26	22	5	4
40*25	61	40	50	32	28	67	31	22	5.5	4
40*32	61	50	50	40	36	67	31	26	5.5	5
50*25	75	40	63	32	28	80.5	38	22	6	4
50*32	75	50	63	40	36	80.5	38	26	6	5
50*40	75	61	63	50	45	81	38	31	6	5.5
65*25	88	40	75	32	28	93.5	44	22	6.5	4
65*32	88	50	75	40	36	93.5	44	26	6.5	5
65*40	88	61	75	50	45	94	44	31	6.5	5.5
65*50	88	75	75	63	58	95	44	38	6.5	6
80*25	105	40	90	32	28	108	51	22	7.5	4
80*32	105	50	90	40	36	108	51	26	7.5	5
80*40	105	61	90	50	45	108.5	51	31	7.5	5.5
80*50	105	75	90	63	58	109.5	51	38	7.5	6
80*65	105	88	90	75	69	110.5	51	44	7.5	6.5
100*40	127	61	110	50	45	130	61	31	8.5	5.5
100*50	127	75	110	63	58	130	61	38	8.5	6
100*65	127	88	110	75	69	130	61	44	8.5	6.5
100*80	127	105	110	90	84	130	61	51	8.5	7.5
125*50	161	75	140	63	58	143	76	38	10.5	6
125*65	161	88	140	75	69	146	76	44	10.5	6.5
125*80	161	105	140	90	82	149	76	51	10.5	7.5
125*100	161	127	140	110	102	154	76	61	10.5	8.5
150*65	184	88	160	75	69	162	86	44	12	6.5
150*80	184	105	160	90	82	165	86	51	12	7.5
150*100	184	127	160	110	102	170	86	61	12	8.5
150*125	184	161	160	140	130	176	86	76	12	10.5
200*80	260	105	225	90	82	217	119	51	17.5	7.5
200*100	260	127	225	110	102	221	119	61	17.5	8.5
200*125	260	161	225	140	130	228	119	76	17.5	10.5
200*150	260	184	225	160	150	233	119	86	17.5	12
250*200(Φ250*225)	288	260	250	225	218	265	131	119	19	17.5
250*100(Φ280*110)	310	127	280	110	105	272.5	146	61	15	8.5
250*125(Φ280*140)	310	160	280	140	135	278	146	76	15	10
250*150(Φ280*160)	310	180	280	160	155	283	146	86	15	12
250*200(Φ280*225)	310	251	280	225	220	297	146	118.5	15	13
300*100	351	127	315	110	105	300.5	163.5	61	18	8.5
300*125	351	160	315	140	135	307	163.5	76	18	10

PVC-U REDUCER
PVC-U 偏心 (异径) 大小头



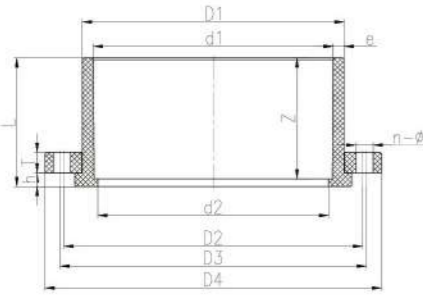
公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
50*25	75	40	63	32	27	92	38	22	6	4
50*40	75	61	63	50	46	87	38	31	6	5.5
80*40	104	61	90	50	46	122	51	31	7	5.5
80*50	104	75	90	63	60	117	51	38	7	6
100*50	127	75	110	63	57	150	61	38	8.5	6
100*80	127	104	110	90	86	138	61	51	8.5	7
150*80	184	104	160	90	79	213	86	51	12	7
150*100	184	127	160	110	102	202	86	61	12	8.5

PVC-U BLIND FLANGE
PVC-U 盲法兰



公称直径 DN	D	d1	d2	t	n-Φ
15	95	70	60	14	4-Φ15X20
20	105	75	70	18	4-Φ15X17.5
25	125	90	79	18	4-Φ15X20.5
32	140	100	89	20	4-Φ18X23.5
40	150	112	98	20	4-Φ18X25
50	165	127.5	120	20	4-Φ18X21.75
65	185	148	140	20	4-Φ18X22
80	200	163	150	20	8-Φ18X24.5
100	229	195	175	22	8-Φ18X28
125	254	220	210	22	8-Φ18X23
150	285	246	240	24	8-Φ22X25
200(PN10)	347	305	295	32	8-Φ23X28
200(PN16)	341	296	296	32	12-Φ22
250	406	369	350	34	12-Φ23X32.5
300	445	400	400	40	12-Φ23
350	505	460	460	40	16-Φ23
400	570	515	515	40	16-Φ27
450	625	565	565	38	20-Φ26
500	670	620	620	40	20-Φ27
600	800	740	720	50	20-Φ30X40

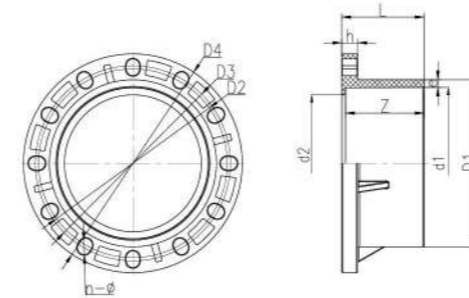
PVC-U VANSTONE FLANGE
PVC-U 活套法兰



公称直径 DN	D1	D2	D3	D4	d1	d2	L	T	h	Z	n-φ
15	27	59	70	95	20	18	22	16	1.5	16	4-φ 15X20.5
20	32	70	75	105	25	23	25	18	1.5	19	4-φ 15X17.5
25	40	79	90	125	32	29	28	18	1.5	22	4-φ 15X20.5
32	50	89	100	140	40	36	31.5	20	1.5	26	4-φ 18X24.5
40	61	98	110	150	50	4	37	20	2	31	4-φ 18X24
50	75	120	125	165	63	58	44	25	2	38	4-φ 18X20.5
65	88	140	145	185	75	69	50	25	2	44	4-φ 18X20.5
80	105	150	160	200	90	84	57	26	2.5	51	8-φ 18X23
100	127	175	190.5	229	110	105	67	26	2.5	61	8-φ 18X26
125	161	210	250	140	130	84	28	12.5	77	8-φ 19	
150	182	240	285	160	150	93	31	12.5	85	8-φ 23	
200	249	295	339	225	215	127	36	16	119	8-φ 23X25	
200	254	295.8	341	225	215	127	33.1	16	119	12-φ 22	
250	308	350	395	280	267	154	40.5	16.5	144	12-φ 23	
300	346	400	445	315	305	170	43	18	160	12-φ 23	
350	395	460	505	355	340	176	43	16	164.5	16-φ 23	
400	442	515	570	400	382	219	43	22	200	16-φ 27	
450	494	565	625	450	430	220	40	27	210	20-φ 26	
500	548	620	670	500	475	210	43	25	185	20-φ 27	



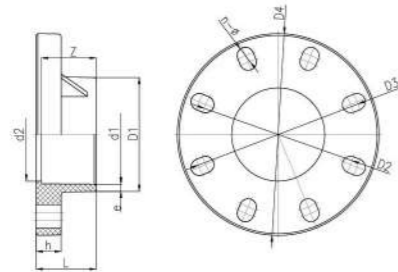
PVC-U SOCKET FLANGE
C款 PVC-U 承插法兰



公称直径 DN	D1	D2	D3	D4	d1	d2	L	h	Z	e	n-φ
15	28	65	95	20	17	20	14	16	4		4-φ15
20	32	75	105	25	22	24	17	19	3.5		4-φ15
25	40	85	117	32	28	29	18	22	4		4-φ15
32	50	100	140	40	36	33	20	26	5		4-φ19
40	61	110	146	50	45	38	20	31	5.5		4-φ19
50	75	125	165	63	58	50	25	38	6		4-φ19
65	88	145	184	75	69	54	25	44	6.5		4-φ19
80	105	160	199	90	84	62	26	51	7.5		8-φ19
100	127	180	220	110	104	70	26	61	8.5		8-φ19
125	161	210	249	140	134	87	28	76	10.5		8-φ19
150	184	240	282	160	154	99	30	86	12		8-φ23
200(PN10)	249	295	340	225	219	129	32	119	12		8-φ23
200(PN16)	249	295	340	225	219	125	32	119	12		12-φ22
250	310	350	362	406	280	254	153	30	146	15	12-φ25X31
300	346	400	432	483	315	300	174	30	164	15.5	12-φ25X41
350	393	460	470	520	355	348	197	35	185	19	16-φ22X27
400	440	515	525	580	400	390	218	35	206	20	16-φ26X31
450	494	561	589	640	450	430	243	40	231	22	20-φ26X40
500	548	620	650	715	500	480	271	40	256	24	20-φ26X41
600	692	725	770	840	630	571	506	42	321	31	20-φ26 20-φ36



PVC-U SOCKET FLANGE
A款 PVC-U 承插法兰



公称直径 DN	D1	D2	D3	D4	d1	d2	L	h	Z	e	n-φ
15	28	61	70	95	20	17	20	14	16	4	4-φ15X19.5
20	32	70	75	105	25	22	24	17	19	3.5	4-φ15X17.5
25	40	79	90	120	32	28	29	18	22	4	4-φ16X21.5
32	50	89	100	140	40	36	34	20	26	5	4-φ18.5X24
40	61	98	110	150	50	45	37	20	31	5.5	4-φ18.5X24.5
50	75	120	125	165	63	58	47	25	38	6	4-φ18.5X21
65	88	140	145	185	75	69	53	25	44	6.5	4-φ18.5X21
80	105	150	160	200	90	84	58	26	51	7.5	8-φ18.5X23.5
100	127	175	190.5	225	110	104	67	28	61	8.5	8-φ18.5X26.25
125	161	210	216	250	140	134	82	30	76	10.5	8-φ20X24
150	184	240	242	280	160	154	92	30	86	12	8-φ23X24
200	249	290	298.5	338	225	219	125	35	119	12	8-φ23X27.25

UPVC 管

弯头

三通

直通

管帽

接头

补芯

由任活接

四通

大小头

法兰

UPVC 管

弯头

三通

直通

管帽

接头

补芯

由任活接

四通

大小头

法兰

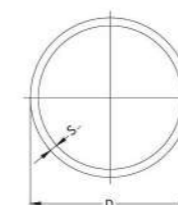
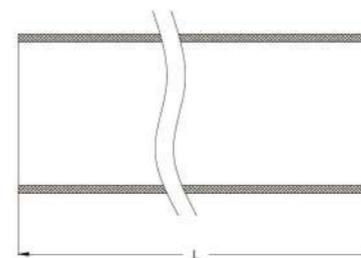
PPH PIPES / FITTINGS SERIES

PPH 管材 / 管件系列



PPH PIPES

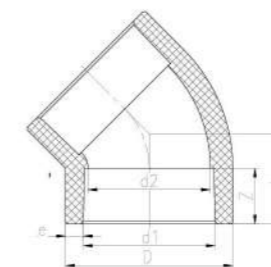
PPH 管 管材执行标准 QB/T5099.1-2017、DIN8077/8078



标准英寸	公称外径 D		管材壁厚 (mm) S					
	Φmm	长度 L mm	SDR7.4 1.6MPa	SDR11 1.0MPa	SDR17.6 0.6MPa	SDR26 0.4MPa	SDR33 0.32MPa	SDR41 0.25MPa
1/2"	20	5000	2.8	2.0				
3/4"	25	5000	3.5	2.3				
1"	32	5000	4.4	2.9				
1-1/4"	40	5000	5.5	3.7	2.3			
1-1/2"	50	5000	6.9	4.6	2.9			
2"	63	5000	8.6	5.8	3.6			
2-1/2"	75	5000	10.3	6.8	4.3			
3"	90	5000	12.3	8.2	5.1	3.5		
4"	110	5000	15.1	10	6.3	4.2		
5"	140	5000		12.7	8.3	5.4		
6"	160	5000		14.6	9.1	6.2	4.9	
8"	225	5000		20.5	12.8	8.6	6.9	
10"	280	5000		25.4	15.9	10.7	8.6	6.9
12"	315	5000		28.6	17.9	12.1	9.7	7.7
14"	355	5000		32.2	20.1	13.6	11.3	8.7
16"	400	5000		36.3	22.7	15.3	12.3	9.8
18"	450	5000		40.9	25.5	17.2	13.8	11
20"	500	5000			28.4	19.1	15.3	12.3
24"	630	5000			35.7	24.1	19.3	15.4

PPH HOT MELT SOCKET 45° ELBOW

PPH 热熔承插 45°弯头 管件执行标准 QB/T5099.2-2017、DIN16962



公称直径 DN	D	d1	d2	L	Z	e
15	29	20	16	21	15	4.5
20	35	25	20	25	18	5
25	43	32	27	28	20	5.5
32	51	40	35	32	22	5.5
40	64	50	45	37.3	24	7
50	81	63	57	44.8	28	9
65	93	75	68	50.3	31	9
80	114	90	82	58	35	12
100	134	110	100	68.8	41	12

PIPES
PVC-U

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

ADAPTER
接头

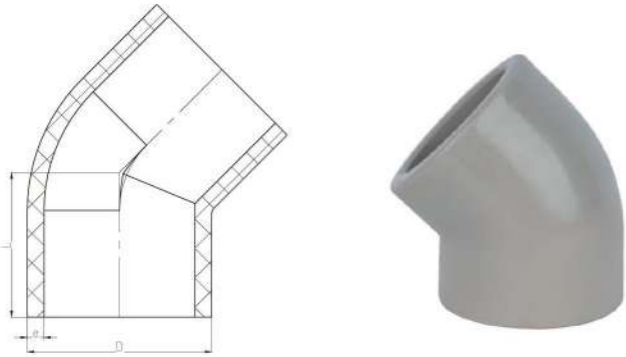
BUSHING
衬套

REDUCER
大小头

FLANGE
法兰

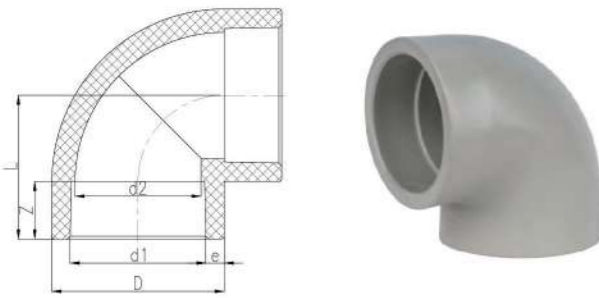


PPH BUTT WELDING 45° ELBOW
PPH 对焊 45°弯头



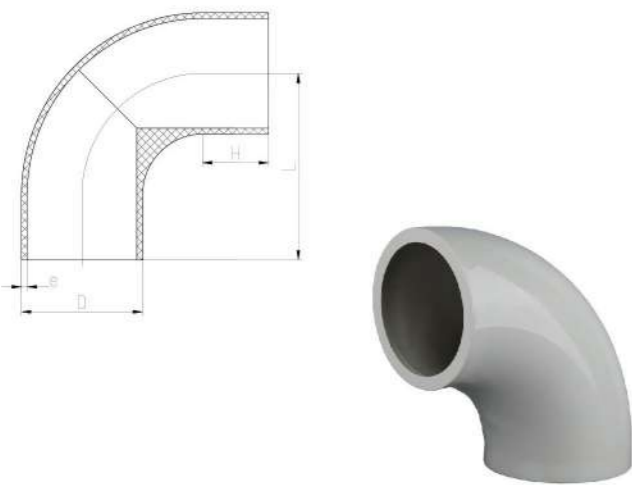
公称直径 DN	D	L	e
125	140	110	12.8
150	160	125	14.6
200	225	140	20.5
250	280	150	25.5
300	315	165	28.6
350	355	180	32.2
400	400	215	36.3

PPH HOT MELT SOCKET 90° ELBOW
PPH 热熔承插 90°弯头



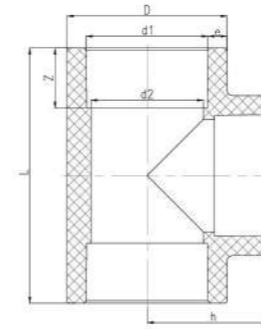
公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	28	15	3
20	31	25	20	32	18	3
25	39	32	26.5	38	20	3.5
32	51	40	34.5	47.5	22	5.5
40	63.5	50	44.5	57	25	6.75
50	80	63	57	68.5	28	8.5
65	92	75	68	77.5	31	8.5
80	109	90	80	90	35	9.5
100	132	110	100	108	41	11

PPH BUTT WELDING 90° ELBOW
PPH 对焊 90°弯头



公称直径 DN	D	e	L	H
15	20	2.5	51	33
20	25	2.7	56	33
25	32	3	63	33
32	40	3.7	72	34
40	50	4.6	84	34
50	63	5.8	97	34
65	75	6.9	110	35
80	90	8.2	123	35
100	110	10	142	35
125	140	12.8	170	20
150	160	14.6	185	20
200	225	20.5	245	22
250	280	25.4	250	90
300	315	28.6	277.5	95
350	355	32.2	307.5	100
400	400	36.3	350	127
450	450	40.9	380	130

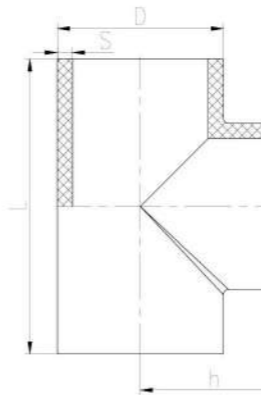
PPH HOT MELT SOCKET TEE
PPH 热熔承插三通



公称直径 DN	D	d1	d2	L	Z	h	e
15	26	20	16	55	14.5	28	3
20	31	25	20	63	17.5	32	3
25	39	32	27	75	20	37.5	3.5
32	51	40	35	87	22	44	5.5
40	64	50	45	102	23.5	50	7
50	80.5	63	57	122	28	60	8.5
65	93	75	68	150	31	76	9
80	112.5	90	82	174	35	85	11
100	133	110	100	210	41	104.5	11.5



PPH BUTT WELDING TEE
PPH 对焊三通



公称直径 DN	D	S	L	h
15	20	2.5	70	35
20	25	2.7	80	40
25	32	3	89	44.5
32	40	3.7	100	50
40	50	4.6	120	60
50	63	5.8	149	74.5
65	75	6.9	175	87.5
80	90	8.2	181	90.5
100	110	10	225	112.5
125	140	12.8	293	146.5
150	160	14.6	315	157.5
200	225	20.5	400	200
250	280	25.4	500	250
300	315	28.6	555	277.5
350	355	32.2	615	307.5



PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

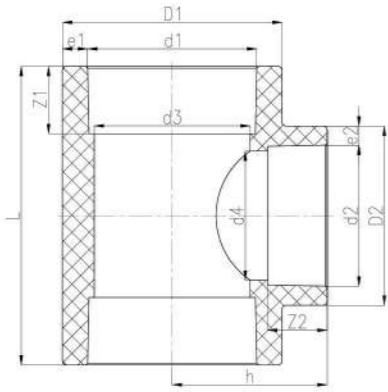
管帽
END CAP

接头
ADAPTER

大小头
REDUCER

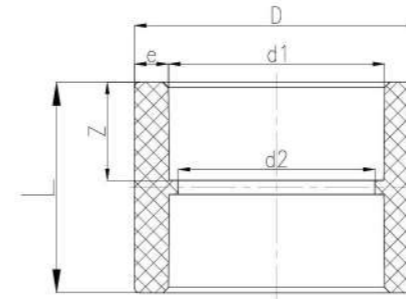
法兰
FLANGE

PPH HOT MELT SOCKET REDUCING TEE
PPH 热熔承插异径三通



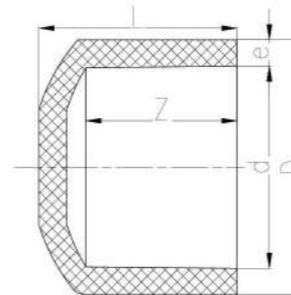
公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
DN20*15	35	29	25	20	20	16	60	29	18	15	5	4.5
DN25*15	43	29	32	20	26	16	64	32	20	15	5.5	4.5
DN25*20	43	35	32	25	26	20	68	35	20	18	5.5	5
DN32*15	51	29	40	20	34	16	70	37	22	15	5.5	4.5
DN32*20	51	35	40	25	34	20	74	40	22	18	5.5	5
DN32*25	51	43	40	32	34	26	80	42	22	20	5.5	5.5
DN40*15	64	29	50	20	44	16	76	43	24	15	7	4.5
DN40*20	64	35	50	25	44	20	80	46	24	18	7	5
DN40*25	64	43	50	32	44	26	86	48	24	20	7	5.5
DN40*32	64	51	50	40	44	34	94	50	24	22	7	5.5
DN50*25	81	43	63	32	57	26	94	54.5	28	20	9	5.5
DN50*32	81	51	63	40	57	34	102	56.5	28	22	9	5.5
DN50*40	81	64	63	50	57	44	112	58.5	28	24	9	7
DN65*25	93	43	75	32	67	26	103	61	31	20	9	5.5
DN65*32	93	51	75	40	67	34	111	63	31	22	9	5.5
DN65*40	93	64	75	50	67	44	121	65	31	24	9	7
DN65*50	93	81	75	63	67	57	134	69	31	28	9	9
DN80*40	114	64	90	50	81	44	132	73.5	35	24	12	7
DN80*50	114	81	90	63	81	57	145	77.5	35	28	12	9
DN80*65	114	93	90	75	81	67	155	80.5	35	31	12	9
DN100*25	134	43	110	32	100	27	131	80	42	20	12	5.5
DN100*32	134	51	110	40	100	34	138	82	42	22	12	5.5
DN100*40	134	64	110	50	100	44	146	84	41	24	12	7
DN100*50	134	81	110	63	100	57	159	88	41	28	12	9
DN100*65	134	93	110	75	100	67	169	91	41	31	12	9
DN100*80	134	114	110	90	100	81	183	95	41	35	12	12

PPH HOT MELT SOCKET COUPLING
PPH 热熔承插直通



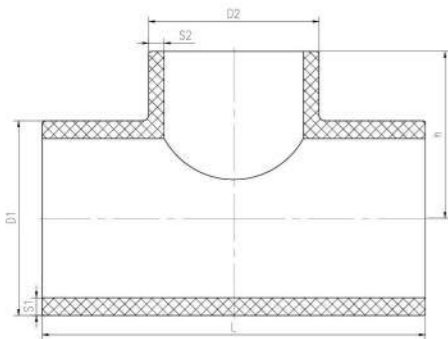
公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	33.5	15	3
20	31	25	20	39.5	18	3
25	38.5	32	26	44	20.5	3.2
32	50	40	34	47.5	22	5
40	63.5	50	44	53.5	24.5	6.7
50	80	63	56	59	27.5	8.5
65	91.5	75	67	69	30.5	8.2
80	110	90	80	80	34.5	10
100	131.5	110	100	95	40.5	10.7

PPH HOT MELT SOCKET ENDCAP
PPH 热熔承插管帽



公称直径 DN	D	d	L	Z	e
15	27.5	20	21	16	4
20	32	25	25	19	3.5
25	40	32	29.5	22	4
32	50	40	36	27	5
40	62	50	41	31	6
50	78.5	63	55	38.5	8
65	91.5	75	63	43.5	8
80	108.5	90	74	50	9.5
100	129.5	110	84.5	61	9.5

PPH BUTT WELDING REDUCING TEE
PPH 对焊异径三通



公称直径 DN	D1	S1	D2	S2	L	h
50X40	63	5.8	50	4.6	149	66.5
65X40	75	6.9	50	4.6	175	72.5
65X50	75	6.9	63	5.8	175	80.5
80X40	90	8.2	50	4.6	181	80
80X50	90	8.2	63	5.8	181	88
80X65	90	8.2	75	6.9	181	90.5
100X50	110	10	63	5.8	223	98
100X65	110	10	75	6.9	223	100.5
100X80	110	10	90	8.2	223	105
125X50	140	12.8	63	5.8	293	112.5
125X65	140	12.8	75	6.9	293	112.5
125X80	140	12.8	90	8.2	293	112.5
125X100	140	12.8	110	10	293	117
150X80	160	14.6	90	8.2	315	124
150X100	160	14.6	110	10	315	130
150X125	160	14.6	140	12.8	315	137
200X100	225	20.5	110	10	400	156
200X125	225	20.5	140	12.8	400	162
200X150	225	20.5	160	14.6	400	168

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

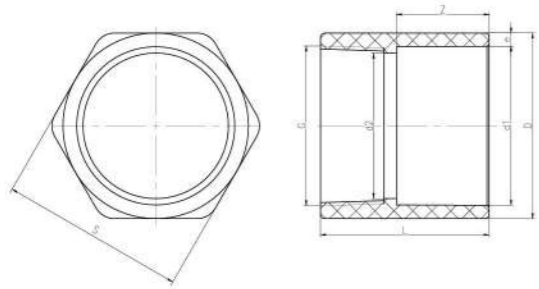
管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

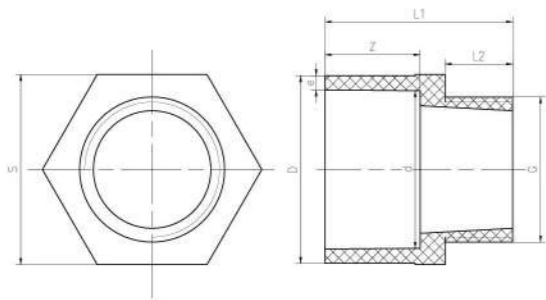
PPH FEMALE ADAPTOR
PPH 内螺纹接头



公称直径 DN	D	d1	d2	G	L	Z	S	e
15	29.5	20	15	Rc 1/2	33.5	14.5	38	4.7
20	33	25	20	Rc 3/4	40	20	41	3.7
25	39	32	25	Rc 1	46.5	21.5	47	3.5
32	49	40	35	Rc 1-1/4	52	26	57	4.5
40	60	50	44	Rc 1-1/2	60.5	30.5	68	5
50	74	63	55	Rc 2	66	37	81.5	5.3



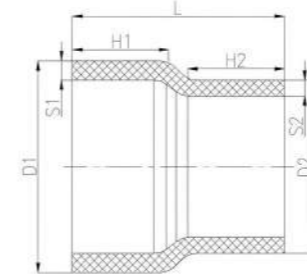
PPH MALE ADAPTOR
PPH 外螺纹接头



公称直径 DN	D	d	G	L1	L2	Z	S	e
15	30	20	R 1/2	44	18	16.5	31	5
20	33	25	R 3/4	44.5	17.5	20	33.5	4
25	39.5	32	R 1	52	23	21.5	40.5	3.6
32	49	40	R 1-1/4	58	23	26	50	4.5
40	60	50	R 1-1/2	66	27	30	63.5	5
50	73.5	63	R 2	73.5	27	37	75	5.2



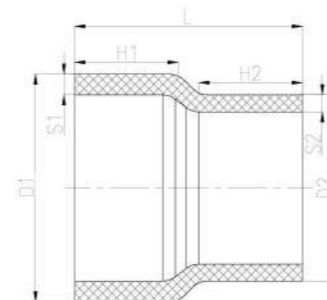
PPH BUTT WELDING ECCENTRIC REDUCER
PPH 对焊偏心大小头



公称直径 DN	D1	S1	D2	S2	L	H1	H2
50X32	63	5.8	40	3.7	95	45	45
50X40	63	5.8	50	4.6	95	45	47
65X50	75	6.9	63	5.8	45	73	180
80X65	90	8.2	75	6.9	50	82	210
100X80	110	10	90	8.2	55	80	235
150X100	160	14.6	110	10	75	88	280
200X150	225	20.5	160	14.6	80	110	310



PPH BUTT WELDING REDUCER
PPH 对焊大小头



公称直径 DN	D1	S1	D2	S2	L	H1	H2
20*15	25	2.3	20	2	93	45	45
25*15	32	2.9	20	2	96	45	45
25*20	32	2.9	25	2.3	94	45	45
32*15	40	3.7	20	2	100	45	45
32*20	40	3.7	25	2.3	98	45	45
32*25	40	3.7	32	2.9	94	45	45
40*15	50	4.6	20	2	105	45	45
40*20	50	4.6	25	2.3	102.5	45	45
40*25	50	4.6	32	2.9	99	45	45
40*32	50	4.6	40	3.7	95	45	45
50*20	63	5.8	25	2.3	109	45	45
50*25	63	5.8	32	2.9	105.5	45	45
50*32	63	5.8	40	3.7	101.5	45	45
50*40	63	5.8	50	4.6	96.5	45	45
65*25	75	6.8	32	2.9	121.5	50	50
65*32	75	6.8	40	3.7	117.5	50	50
65*40	75	6.8	50	4.6	112.5	50	50
65*50	75	6.8	63	5.8	106	50	50
80*32	90	8.2	40	3.7	125	50	50
80*40	90	8.2	50	4.6	120	50	50
80*50	90	8.2	63	5.8	113.5	50	50
80*65	90	8.2	75	6.8	107.5	50	50
100*40	110	10	50	4.6	130	50	50
100*50	110	10	63	5.8	123.5	50	50
100*65	110	10	75	6.8	117.5	50	50
100*80	110	10	90	8.2	110	50	50
125*50	140	12.7	63	5.8	155	35	61
125*65	140	12.7	75	6.8	152	35	61
125*80	140	12.7	90	8.2	149	35	61
125*100	140	12.7	110	10	143	35	61
150*50	160	14.6	63	5.8	165	40	61

公称直径 DN	D1	S1	D2	S2	L	H1	H2
150*65	160	14.6	75	6.8	162	40	61
150*80	160	14.6	90	8.2	159	40	61
150*100	160	14.6	110	10	153	40	61
150*125	160	14.6	140	12.7	146	40	61
200*80	225	20.5	90	8.2	200	55	62
200*100	225	20.5	110	10	194	55	62
200*125	225	20.5	140	12.7	187	55	62
200*150	225	20.5	160	14.6	182	55	62
250*100	280	25.4	110	10	234	70	62
250*125	280	25.4	140	12.7	227	70	62
250*150	280	25.4	160	14.6	222	70	62
250*200	280	25.4	225	20.5	207	70	62
300*150	315	28.6	160	14.6	247	80	62
300*200	315	28.6	225	20.5	232	80	62
300*250	315	28.6	280	25.4	225	80	70



PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

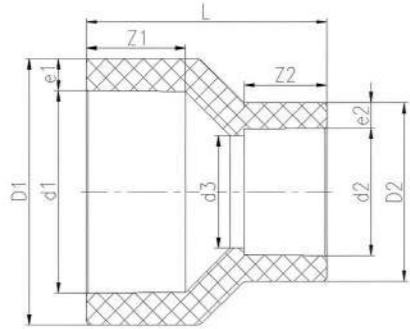
管帽
END CAP

接头
ADAPTER

大小头
REDUCER

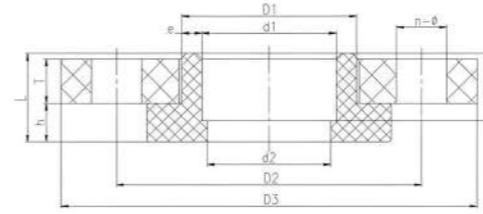
法兰
FLANGE

PPH HOT MELT SOCKET REDUCER
PPH 热熔承插大小头



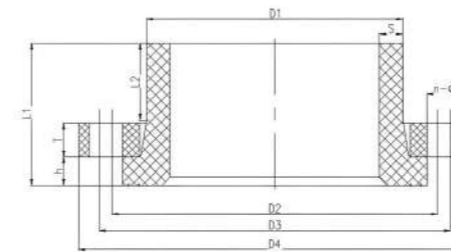
公称直径 DN	D1	D2	d1	d2	d3	L	Z1	Z2	e1	e2
20*15	35	29	25	20	16	40	18	15	5	4.5
25*15	43	29	32	20	16	46	20	15	5.5	4.5
25*20	43	35	32	25	20	47	20	18	5.5	5
32*20	51	35	40	25	20	53	22	18	5.5	5
32*25	51	43	40	32	27	52	22	20	5.5	5.5
40*20	64	35	50	25	20	60	24	18	7	5
40*25	64	43	50	32	27	58	24	20	7	5.5
40*32	64	51	50	40	35	56	24	22	7	5.5
50*25	82	44	63	32	27	70	28.5	20.5	9.5	6
50*32	82	52	63	40	36	68	28.5	22.5	9.5	6
50*40	82	65	63	50	46	65	28.5	24.5	9.5	7.5
65*32	94	52	75	40	36	76	31	22	9.5	6
65*40	94	65	75	50	45	73	31	24	9.5	7.5
65*50	94	82	75	63	57	71	31	28	9.5	9.5
80*40	115.5	66	90	50	45	85	35	24	13	8
80*50	115.5	82.5	90	63	56	83	35	28	13	10
80*65	116	95	90	75	68	80	35	31.5	13	10
100*40	134	64.5	110	50	45	99	41	24	12	7.5
100*50	134	81.5	110	63	56.5	97	41	28	12	9.5
100*65	134	93	110	75	67.5	95	41	31	12	9
100*80	136	116	110	90	82	93.5	41	36	13	13

PPH HOT MELT SOCKET VANSTONE FLANGE
PPH 热熔承插钢衬活套法兰



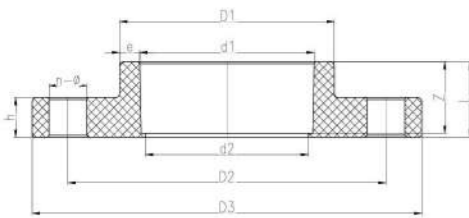
公称直径 DN	D1	D2	D3	d1	d2	L	T	h	Z	e	n-φ
15	27	65	95	20	14.5	27	14	12	16	3.5	4-φ14
20	33	75	105	25	19.5	29	16	14	19.5	4	4-φ14
25	41	85	115	32	26.5	32	16	14	20.5	4.5	4-φ14
32	50	100	140	40	34.5	32	18	14	23	5	4-φ19
40	61	110	150	50	44.5	32	18	14	24.5	5.5	4-φ19
50	76	125	165	63	57.5	36	20	16	28	6.5	4-φ19
65	90	145	185	75	69.5	36	20	16	30	7.5	4-φ19
80	109	160	200	90	82.5	41.5	20	16	35.5	9.5	8-φ19
100	131	180	229	110	102.5	48.5	22	18	42	10.5	8-φ19

PPH BUTT WELDING VANSTONE FLANGE
PPH 对焊钢衬活套法兰



公称直径 DN	D1	D2	D3	D4	S	L1	L2	T	h	n-φ
15	20	65	95	2.5	71.5	50	14	7.5	4-φ14	
20	25	75	105	2.7	75.5	50	16	9.5	4-φ14	
25	32	85	115	3	77	50.5	16	10.5	4-φ14	
32	40	100	140	3.7	80	50.5	18	11.5	4-φ19	
40	50	110	150	4.6	81	50.5	18	12.5	4-φ19	
50	63	125	165	5.8	85	50.5	20	14.5	4-φ19	
65	75	145	185	6.9	87	50.5	20	16.5	4-φ19	
80	90	160	200	8.2	78	40	20	17	8-φ19	
100	110	180	229	10	78	40	22	18	8-φ19	
125	140	210	250	12.7	110	60	22	25	8-φ19	
150	160	240	285	14.6	107	60	24	25	8-φ23	
200	225	295	340	20.5	121	60	24	32	8-φ23	
250	280	350	362	410	25.4	126	60	30	35	12-φ22X28
300	315	400	432	483	28.6	135	60	36	37	12-φ25X41
350	355	460	470	520	32.2	145	60	42	47	16-φ25X30
400	400	515	540	597	36.3	160	63	46	52	16-φ29X41.5

PPH HOT MELT SOCKET FLANGE
PPH 热熔承插法兰



公称直径 DN	D1	D2	D3	d1	d2	L	h	Z	e	n-φ
15	30.5	65	95	20	15	24	14	18.5	5	4-φ14
20	36.5	75	105	25	20	25	16	20	5.7	4-φ14
25	46.5	85	115	32	26	26	16	20.5	7.2	4-φ14
32	53.5	100	135	40	32	27	18	22	6.7	4-φ18
40	65	110	145	50	41	30	18	25	7.5	4-φ18
50	82	125	160	63	51	33	20	27.5	9.5	4-φ18
65	93.5	145	185	75	61	37.5	20	31	9.2	4-φ18
80	114.7	160	196	90	74.5	41.5	21	36	12.5	8-φ18
100	134.5	180	215	110	95	52.5	23	47.5	12.5	8-φ18

PPH管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PPH管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

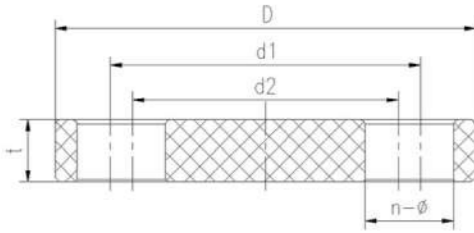
管帽
END CAP

接头
ADAPTER

大小头
REDUCER

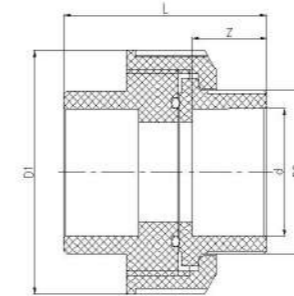
法兰
FLANGE

PPH BLIND FLANGE
PPH 盲法兰



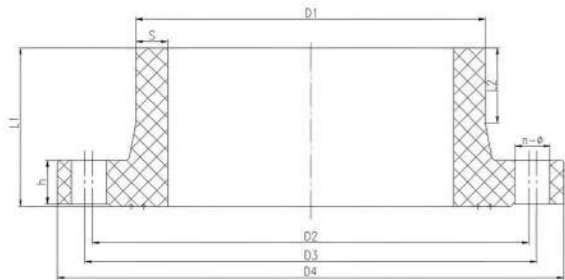
公称直径 DN	D	d1	d2	t	n-φ
15	92.5	68.5	59	13	4-φ14.5X19.5
20	103	73.5	69	15.5	4-φ14.5X17
25	123	87.5	77	17.5	4-φ14.5X20
32	136.5	97.5	87	18.5	4-φ17.5X23
40	147	110.5	96	18	4-φ17.5X24.5
50	161	125	117	18.5	4-φ17.5X21.5
65	180.5	145.5	136	19	4-φ17X22
80	195.5	159	146.5	18.5	8-φ17X23.5
100	222.5	190	170.5	20.5	8-φ17.5X22
125	249	214	204.5	21	8-φ17.5X22.5
150	280	240.5	234.5	22.5	8-φ21.5X24.5
200(PN10)	342	299	287	28	8-φ23X29
200(PN16)	335	296	287	28	12-φ22
250	398.5	369	350	32	12-φ23X32.5
300	437	400	38.5	38.5	12-φ23
350	495.5	460	38.5	38.5	16-φ23
400	559.5	515	38.5	38.5	16-φ27
450	613.5	565	36.5	36.5	20-φ26
500	657.5	620	38.5	38.5	20-φ27
600	785	740	720	48.5	20-φ30X40

PPH HOT MELT SOCKET JOINT
PPH 热熔承插活接头



公称直径 DN	D1	D2	d	L	Z
15	49	26.5	20	52	14.5
20	57	33.5	25	62.5	18
25	68	40.5	32	65.5	20
32	82.5	51.5	40	77	22
40	95.5	63	50	79.5	25
50	124.5	77	63	88	28
65	141	96	75	117.5	31.5
80	155	106	90	129.5	35
100	188	125	110	156	41

PPH INTEGRAL BUTT WELDING FLANGE
PPH 一体式对焊法兰



公称直径 DN	D1	D2	D3	D4	S	L1	L2	h	n-φ
15	20	60	70	95	2.5	72	50	12	4-φ15X20
20	25	70	75	105	2.7	74	50	14	4-φ15X17.5
25	32	79	85	115	3	78	50	16	4-φ15X18
32	40	89	100	140	3.7	78	50	16	4-φ19X24.5
40	50	98	110	150	4.6	80	50	18	4-φ19X25
50	63	120	125	165	5.8	83	50	18	4-φ19X21.5
65	75	140	145	185	6.9	88	55	18	4-φ19X21.5
80	90	150	160	200	8.2	90	55	20	8-φ19X24
100	110	175	191	229	10	90	55	20	8-φ19X27
125	140	210	216	254	12.7	110	60	25	8-φ18X21
150	160	240	241	285	14.6	115	60	30	8-φ22X22.5
200	225	295	299	343	20.5	120	60	35	8-φ22X24
250	280	350	362	406	25.4	127	60	35	12-φ22X28
300	315	400	432	483	28.6	135	60	35	12-φ22X38
350	355	460	470	520	32.2	145	60	45	16-φ22X27
400	400	510	540	597	36.3	160	63	50	16-φ26X41

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE

PPH 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

大小头
REDUCER

法兰
FLANGE



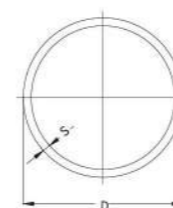
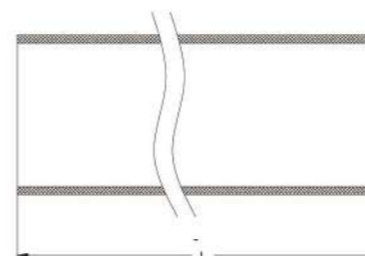
FRPP PIPES / FITTINGS SERIES

FRPP 管材 / 管件系列



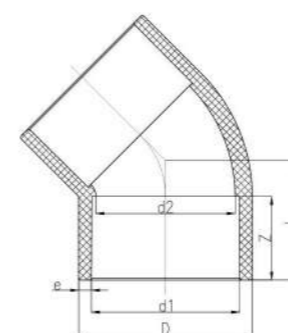
FRPP PIPES

FRPP 管 执行标准 HG/T 20539-92



公称直径	外径 D	长度 L (mm)	1.0MPa		0.8MPa		0.6MPa		0.4MPa	
			壁厚 S (mm)	KG/M	壁厚 S (mm)	KG/M	壁厚 S (mm)	KG/M	壁厚 S (mm)	KG/M
15	20	5000	21	0.12						
20	25	5000	25	0.17						
25	32	5000	3	0.26						
32	40	5000	32	0.36						
40	50	5000	42	0.58						
50	63	5000	52	0.9	43	0.76	33	0.59	28	0.51
65	75	5000	62	1.28	51	1.07	39	0.83	3	0.65
80	90	5000	75	1.85	61	1.53	4.7	1.2	3.2	0.83
100	110	5000	91	2.75	75	2.3	5.7	1.78	3.9	1.24
125	140	5000	116	4.45	95	3.7	7.2	2.86	5	2.02
150	160	5000	133	5.85	108	4.8	8.3	3.76	5.7	2.63
200	225	5000	187	11.5	152	9.5	11.6	7.4	7.9	5.2
250	280	5000	232	17.8	189	14.72	14.4	11.41	9.9	7.98
300	315	5000	261	22.5	212	18.6	16.2	14.5	11.1	10.07
350	355	5000	294	28.6	239	23.6	18.3	18.5	12.5	12.8
400	400	5000	332	36.5	269	29.94	20.6	23.32	14.4	16.6
450	450	5000			305	38.2	23.3	29.7	15.8	20.5
500	500	5000			339	47.2	25.7	36.4	17.6	25.4
600	630	5000							24.3	44

FRPP ELBOW FRPP 45°弯头



公称直径 DN	D	d1	d2	L	Z	e
15	30	20	16	21	16	5
20	32	25	21	25	19	3.5
25	40	32	28	29.5	22.5	4
32	50	40	36	35	25.5	5
40	60.5	50	45	42	30.5	5.5
50	74	63	58	51.5	36.5	5.5
65	87	75	70	61	43.5	6
80	105	90	85	70.5	50.5	7.5
100	126	110	104	85.5	60.5	8
125	160	140	136	107.5	75.5	10
150	182	160	154	121	85.5	11

PIPES
管子

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

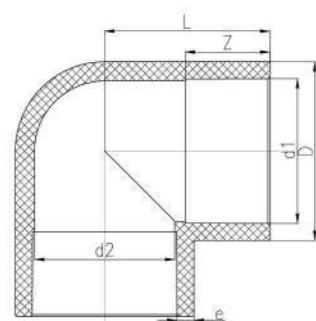
ADAPTER
接头

REDUCER
大小头

FLANGE
法兰

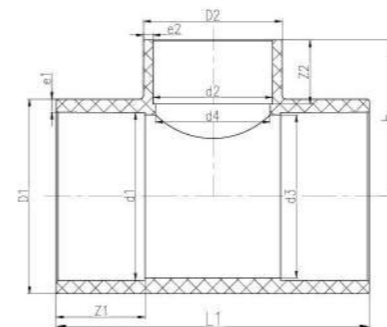


FRPP 90° ELBOW
FRPP 90°弯头



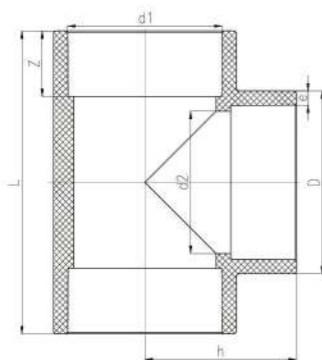
公称直径 DN	D	d1	d2	L	Z	e
15	25.5	20	16	28.75	16	2.75
20	31	25	20	35.5	19.5	3
25	40	32	27	43.5	22.5	4
32	49	40	34	45.5	21	4.5
40	60	50	44	58.5	26	5
50	74.5	63	57	76.75	40.5	5.75
65	85	75	73	82.5	40	5
80	102	90	87	99	42	6
100	124	110	106	123	55	7
125	158	140	135	144	63.5	9
150	178	160	156	170	83	9
200	251	225	216	243.5	109.5	13

FRPP REDUCING TEE
FRPP异径三通



公称直径 DN	D1	D2	d1	d2	d3	d4	L	h	Z1	Z2	e1	e2
20*15	31.5	26	25	20	20	16	65	29.5	19	16	3.2	3
25*15	41	27	32	20	27	16	79.5	33.5	22	16	4.5	3.5
25*20	41	31.5	32	25	27	20	79.5	36.5	22	19	4.5	3.2
32*15	50	25.5	40	20	34	16	96	37.25	26	16	5	2.7
32*20	50	31.5	40	25	34	20	96	40.25	26	19	5	3.2
32*25	50	41	40	32	34	27	96	43.65	26	22	5	4.5
40*15	63	27	50	20	44	16	115.5	42.85	31	16	6.5	3.5
40*20	63	33	50	25	44	20	115.5	45.75	31	19	6.5	4
40*25	63	43	50	32	44	27	115.5	48.65	31	22	6.5	5.5
40*32	63	50.5	50	40	44	34	115.5	52.45	31	26	6.5	5.2
50*15	79	32.5	63	20	55	16	142	52	38	16	8	6.2
50*20	79	32.5	63	25	55	20	142	52	38	19	8	3.7
50*25	79	40.5	63	32	55	27	142	55.3	38	22	8	4.2
50*32	79	50	63	40	55	34	142	60	38	26	8	5
50*40	79	62.5	63	50	55	44	142	63.5	38	31	8	6.2
65*25	93.5	40.5	75	32	74	27	165	70.5	44	22	9.2	4.2
65*32	93.5	50	75	40	74	34	165	64	44	26	9.2	5
65*40	93.5	62.5	75	50	74	44	165	70	44	31	9.2	6.2
65*50	93.5	79	75	63	74	55	165	79	44	38	9.2	8
80*20	112	42	90	25	87	20	194.5	68.5	50.5	18.5	11	8.5
80*25	112	42	90	32	87	27	194.5	68.5	50.5	22	11	5
80*32	112	51.5	90	40	87	34	194.5	73.5	50.5	26	11	5.7
80*40	112	63	90	50	87	44	194.5	78.5	50.5	31	11	6.5
80*50	112	79	90	63	87	55	194.5	83	50.5	38	11	8
80*65	112	94	90	75	87	74	194.5	92	50.5	44	11	9.5
100*25	132.5	40.5	110	32	106	27	234.5	77	61	22.5	11.2	4.2
100*32	132.5	50	110	40	106	34	234.5	85	61	26	11.2	5
100*40	132.5	63	110	50	106	44	234.5	89	61	31	11.2	6.5
100*50	132.5	78.5	110	63	106	55	234.5	89	61	37.5	11.2	7.7
100*65	132.5	94	110	75	106	74	234.5	100	61	44	11.2	9.5
100*80	132.5	113	110	90	106	87	234.5	107	61	51	11.2	11.5
125*50	161	112.5	140	63	135	55	295	132.5	77	37.5	10.5	7.7
125*80	161	112.5	140	90	135	87	295	132.5	77	50.5	10.5	11.2
125*100	161	133	140	110	135	106	295	138.5	77	60.5	10.5	11.5
150*50	182	78.5	160	63	156	55	333	117.5	85.5	38	11	7.7
150*65	182	94	160	75	156	74	333	128.5	85.5	44	11	9.5
150*80	182	112	160	90	156	87	333	132.5	85.5	51	11	11
150*100	182	133.5	160	110	156	106	333	142.5	85.5	60.5	11	11.7
150*125	182	160.5	160	140	156	135	333	159.5	85.5	77	11	10.2

FRPP TEE
FRPP 三通



公称直径 DN	D	d1	d2	L	Z	h	e
15	27	20	16	63	19	31.5	3.5
20	32	25	21	70	20	35	3.5
25	40	32	27	80	21	40	4
32	49	40	34	90	22	45	4.5
40	61	50	44	107	25	53.5	5.5
50	76	63	57	127	28	63.5	6.5
65	90	75	68	147	31	73.5	7.5
80	108	90	82	174	36	87	9
100	131	110	102	217	47	108.5	10.5
125	161	140	134	294	58	197	10.5
150	181	160	154	333	82.5	166.5	10.5
200	251	225	219	462	106.5	231	13

FRPP
PIPES

FRPP
ELBOW

FRPP
TEE

FRPP
COUPLING

FRPP
END CAP

FRPP
ADAPTER

FRPP
BUSHING

FRPP
REDUCER

FRPP
FLANGE

FRPP
PIPES

FRPP
ELBOW

FRPP
TEE

FRPP
COUPLING

FRPP
END CAP

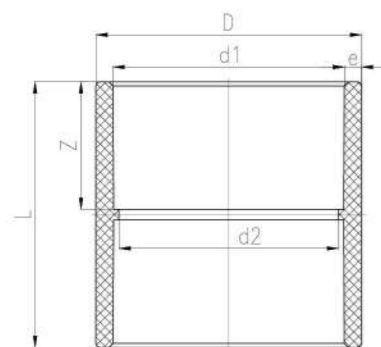
FRPP
ADAPTER

FRPP
BUSHING

FRPP
REDUCER

FRPP
FLANGE

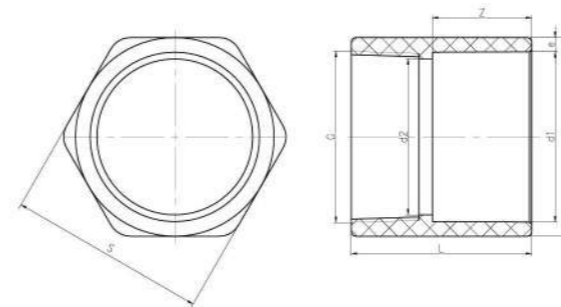
FRPP COUPLING
FRPP 直通



公称直径 DN	D	d1	d2	L	Z	e
15	26	20	16	35	16	3
20	31.5	25	21	41.5	18	3.2
25	39.5	32	28	47	22	3.7
32	49	40	36	54.5	26	4.5
40	60.5	50	44	64	30.5	5.2
50	74	63	59	77	35.5	5.5
65	86.5	75	71	92	44	5.7
80	104.5	90	85	107	51	7.2
100	125	110	105	127	60.5	7.5
125	154.5	140	135	158.5	75.5	7.2
150	176	160	154	178.5	84	8
200	254	225	219	254.5	120	14.5
250	315	280	270	306	143	17.5



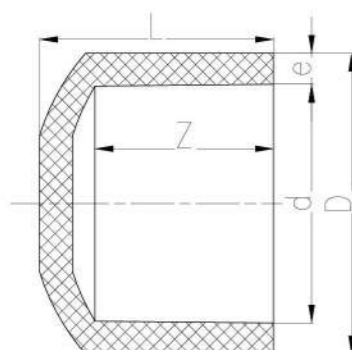
FRPP FEMALE ADAPTOR
FRPP 内螺纹接头



公称直径 DN	D	d1	d2	G	L	Z	S	e
15	29.5	20	15	Rc 1/2	33.5	14.5	38.5	4.7
20	32.5	25	20	Rc 3/4	40	20	41	3.7
25	39	32	25	Rc 1	46.5	21.5	48	3.5
32	49	40	35	Rc 1-1/4	52	26	57	4.5
40	60	50	44	Rc 1-1/2	60.5	30.5	68	5
50	73.5	63	55	Rc 2	66	37	81	5.3



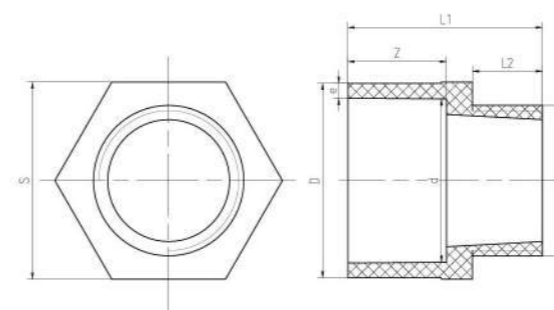
FRPP ENDCAP
FRPP 管帽



公称直径 DN	D	d	L	Z	e
15	28	20	21.3	16	4
20	32	25	24.3	19	3.5
25	40.5	32	29.1	22.5	4.5
32	50.5	40	34.1	26	5.5
40	62.5	50	40.9	32	6.5
50	79	63	52.4	38.5	8
65	91.5	75	63.4	44	8.5
80	109	90	76.6	51	9.5
100	131	110	83.8	61	10.5
125	161	140	104	74	10.5
150	182	160	114.8	82	11
200	249	225	153.3	118	12



FRPP MALE ADAPTOR
FRPP 外螺纹接头



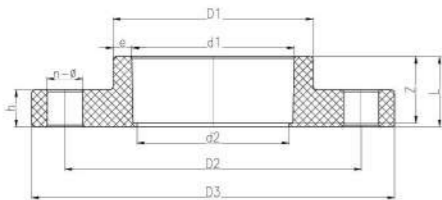
公称直径 DN	D	d	G	L1	L2	Z	S	e
15	30	20	R 1/2	44	18	16	31	5
20	33	25	R 3/4	44.5	17.5	19	33.5	4
25	39.5	32	R 1	52	23	21.5	40.5	3.6
32	49	40	R 1-1/4	58	24.5	25.5	50	4.5
40	60	50	R 1-1/2	66	27	30.5	63.5	5
50	73.5	63	R 2	73.5	26	37	75	5.2



FRPP 管
ELBOW
三通
直通
管帽
接头
补芯
大小头
法兰

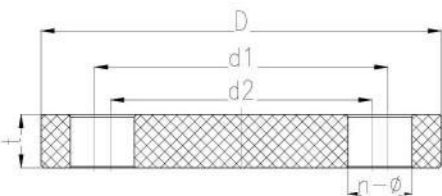
FRPP 管
ELBOW
三通
直通
管帽
接头
补芯
大小头
法兰

FRPP SOCKET FLANGE
FRPP 承插法兰



公称直径 DN	D1	D2	D3	d1	d2	L	h	Z	e	n-Φ
15	30.5	65	95	20	17	24	14	18.5	5	4-Φ14
20	36.5	75	105	25	22	25	16	20	5.7	4-Φ14
25	46.5	85	115	32	29	26	16	20.5	7	4-Φ14
32	53.5	100	135	40	37	27	18	22	6.7	4-Φ18
40	65	110	145	50	47	30	18	25	7.5	4-Φ18
50	82	125	160	63	57	33	20	27.5	9.5	4-Φ18
65	93.5	145	185	75	61	37.5	20	31	9	4-Φ18
80	115	160	196	90	74.5	41.5	21	36	12.5	8-Φ18
100	134.5	180	215	110	95	52.5	23	47.5	12.5	8-Φ18
125	167.5	210	244	140	130.5	59	22	54	14	8-Φ18
150	192	240	280	160	156	61	24	54.5	16	8-Φ22
200	249	295	333.5	225	215	67.5	27.5	60	12	8-Φ23
250	304	350	404	280	262	82	29	75.5	12	12-Φ22.5
300	344	400	444.5	315	300	103.5	41.5	85	14.5	12-Φ22.5X29

FRPP BLIND FLANGE
FRPP 盲法兰



公称直径 DN	D	d1	d2	t	n-Φ
15	93	70	60	13	4-Φ15X20
20	103.5	75	70	15.5	4-Φ15X17.5
25	123.5	90	79	17.5	4-Φ15X20
32	137.5	100	89	18.5	4-Φ17.5X23
40	148	112	98	18	4-Φ17.5X25
50	162.5	127.5	120	19	4-Φ18X22
65	182	148	140	19	4-Φ17.5X22
80	196	163	150	19	8-Φ17X24
100	225	195	175	21.5	8-Φ17.5X28
125	251	220	210	21.5	8-Φ18X23
150	282	246	240	22.5	8-Φ21.5X25
200	344.5	305	295	28.5	8-Φ23X29

COMPOSITE PIPE SERIES
复合管道系列



FRPP 管
PIPES

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

接头
ADAPTER

补芯
BUSHING

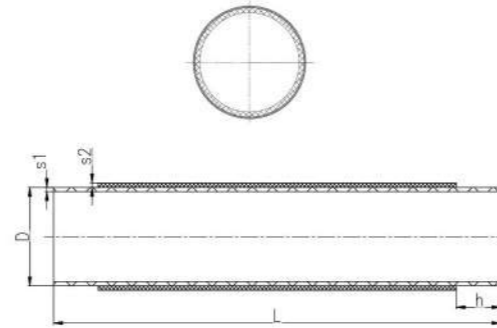
大小头
REDUCER

法兰
FLANGE



COMPOSITE PIPES

复合管道 管材执行标准 HG/T 3731-2023

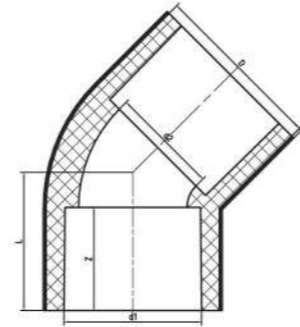


公称直径DN Nominal diameter	PVC管外径D Nominal diameter of PVC Pipes	PVC管壁厚S1 Wall thickness of PVC Pipes		包覆层最小壁厚S2 Minimum wall thickness of the cladding layer			长度L (mm)	预留长度h Reserved length
		1.0Mpa	1.6Mpa	0.6Mpa	1.0Mpa	1.6Mpa		
15	20	2	2	2	2	2	4000	25
20	25	2	2.3	2	2	2	4000	30
25	32	2	2.9	2	2	2	4000	35
32	40	2	3	2	2	2	4000	40
40	50	2.4	3.7	2	2	2	4000	45
50	63	3	4.7	2	2	2	4000	50
65	75	3.6	5.6	2	2	2	4000	55
80	90	4.3	6.7	2	2	2	4000	65
100	110	5.3	8.1	2	2	2.5	4000	75
125	140	6.7	10.3	2	2	3	4000	90
150	160	7.7	11.8	2	2.5	3.5	4000	100
200	225	10.8	16.6	2	3	5	4000	130
250	280	13.4	20.6	2.5	4	6	4000	160
300	315	15	23.2	2.5	4.5	6.5	4000	180
350	355	16.9	26.1	3	5	7.5	4000	200
400	400	19.1	29.4	3.5	5.5	8.5	4000	225
450	450	21.5		3.5	6	9.5	4000	250
500	500	23.9		4	6.5	10.5	4000	280
600	630	30.3		5	8	12.5	4000	350

注:复合管道尺寸S2及长度L可由供需双方协商适量微调。

COMPOSITE 45° ELBOW

复合管件 45°弯头

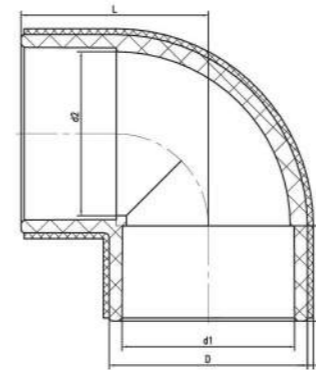


公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	27	20	16	21.6	16	2	2	2
20	32	25	21	25.6	19	2	2	2
25	40	32	28	30.3	22	2	2	2
32	50	40	36	36.4	26	2	2	2.5
40	61	50	45	43.6	31	2	2	2.5
50	75	63	58	53.5	38	2	2.5	3
65	88	75	70	62.2	44	2	2.5	3.5
80	104	90	85	72.5	51	2	2.5	3.5
100	127	110	104	87.3	61	2	3	4
125	161	140	136	107	76	2.5	4	5.5
150	184	160	154	122	86	2.5	4	5.5
200	260	225	218	171	119	4	5.5	8.5
250	310	280	270	210	146	4	5.5	8.5
300	346	315	304	236	164	4.5	6.5	10
350	390	355	340	265	184	5	7.5	11.5
400	440	400	386	298	206	5.5	8.5	13

注:复合管件尺寸 S 可由供需双方协商适量微调。

COMPOSITE 90° ELBOW

复合管件 90°弯头



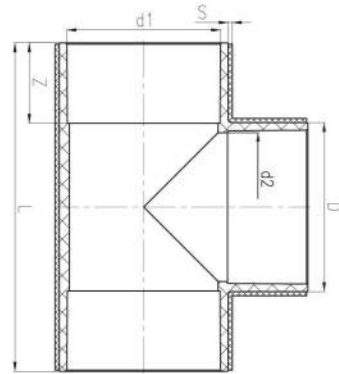
公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	27	20	18	28	16	2	2	2
20	32	25	23	34	19	2	2	2
25	40	32	30	41	22	2	2	2
32	50	40	38	49	26	2	2	2.5
40	61	50	47	61	31	2	2	2.5
50	75	63	60	74	38	2	2.5	3
65	88	75	72	83	44	2	2.5	3.5
80	104	90	86	99	51	2	2.5	3.5
100	127	110	105	120	61	2	3	4
125	161	140	134	150	76	2.5	4	5.5
150	184	160	154	172	86	2.5	4	5.5
200	249	225	219	237	119	4	5.5	8.5
250(Φ250)	287	250	240	275	131	4	5.5	8.5
250(Φ280)	310	280	270	301	146	4	5.5	8.5
300	346	315	310	331	164	4.5	6.5	10
350	392	355	350	372	184	5	7.5	11.5
400	433	400	395	416	206	5.5	8.5	13
450	494	450	430	483	231	6.5	10.5	15.5
500	548	500	480	521	256	7.5	12.5	19.5
600	670	630	600	654	321	9	15	23.5

注:复合管件尺寸 S 可由供需双方协商适量微调。

FRPP 管
PIPES
弯头
ELBOW
三通
TEE
直通
COUPLING
管帽
END CAP
接头
ADAPTER
补芯
BUSHING
大小头
REDUCER
法兰
FLANGE

PIPES
FRPP 管
弯头
ELBOW
三通
TEE
直通
COUPLING
管帽
END CAP
接头
ADAPTER
补芯
BUSHING
大小头
REDUCER
法兰
FLANGE

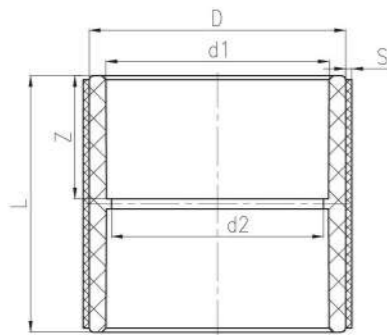
COMPOSITE TEE 复合管件三通



公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	27	20	18	56	16	2	2	2.5
20	32	25	22	66	19	2	2	2.5
25	40	32	29	80	22	2	2	2.5
32	50	40	37	99	26	2	2	2.5
40	61	50	47	120	31	2	2	2.5
50	75	63	59	148	38	2	2	3
65	88	75	71	169	44	2	2	3
80	104	90	86	198	51	2	2.5	3.5
100	127	110	105	238	61	2	3	4
125	161	140	135	298	76	2.5	4	5.5
150	184	160	154	338	86	2.5	4	5.5
200	249	225	219	484	119	3.5	5	7
250(φ250)	287	250	240	538	131	4	5.5	8.5
250(φ280)	310	280	270	595	146	4	5.5	8.5
300	346	315	310	662	164	4.5	6.5	10
350	392	355	340	749	184	5	7.5	11.5
400	433	400	386	840	206	5.5	8.5	13
450	494	450	430	944	231	6	9.5	14.5
500	540	500	480	1040	256	6.5	10.5	16
600	690	630	610	1286	321	8	11.5	19

注：复合管件尺寸 S 可由供需双方协商适量微调。

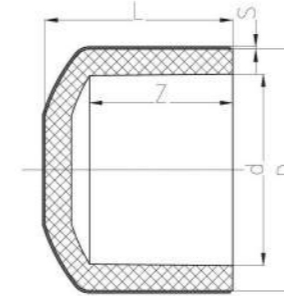
COMPOSITE COUPLING 复合管件直通



公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	27	20	18	35	16	2	2.5	3.5
20	32	25	23	40	19	2	2.5	3.5
25	40	32	30	47	22	2	2.5	3.5
32	50	40	38	55	26	2	2.5	3.5
40	61	50	47	65	31	2	2.5	3.5
50	75	63	60	80	38	2	2.5	3.5
65	88	75	72	92	44	2	3	4
80	104	90	86	107	51	2	3	4
100	127	110	105	127	61	2	3	4
125	161	140	134	158	76	2.5	4	5.5
150	184	160	154	180	86	2.5	4	5.5
200	249	225	219	247	119	3.5	5	7
250(φ250)	288	250	240	272	131	4	5.5	8.5
250(φ280)	309	280	272	303	146	4	5.5	8.5
300	346	315	306	338	164	4.5	6.5	10
350	392	355	349	380	184	5	7.5	11.5
400	440	400	393	430	206	5.5	8.5	12
450	494	450	430	477	231	6	9.5	14.5
500	548	500	480	527	256	6.5	10.5	16
600	692	630	600	657	321	8	12.5	19

注：复合管件尺寸 S 可由供需双方协商适量微调。

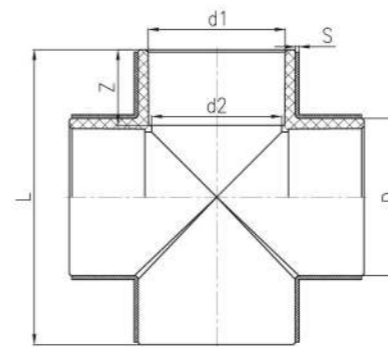
COMPOSITE ENDCAP 复合管件管帽



公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	28	20	23	16	3	2	2.5	3.5
20	32	25	26	19	3	2	2.5	3.5
25	41	32	30	22	6	2	2.5	3.5
32	51	40	35	26	6	2	2.5	3.5
40	63	50	43	31	7	2	2.5	3.5
50	79	63	54	38	7	2	2.5	3.5
65	92	75	65	44	8	2	3	4
80	110	90	75	51	7	2	3	4
100	132	110	85	61	7	2	3	4
125	162	140	105	76	9	2.5	4	5.5
150	186	160	116	86	9	2.5	4	5.5
200	250	225	154	119	9	3.5	5	7
250	308	280	190	146	11	4	5.5	8.5
300	346	315	218	164	12	4.5	6.5	10

注：复合管件尺寸 S 可由供需双方协商适量微调。

COMPOSITE CROSS 复合管件四通



公称直径 DN	D	d1	d2	L	Z	S		
						0.6MPa	1.0MPa	1.6MPa
15	27	20	16	56	16	2	2	2.5
20	32	25	21	66	19	2	2	2.5
25	40	32	26	80	22	2	2	2.5
32	50	40	33	98	26	2	2	2.5
40	61	50	47	120	31	2	2	2.5
50	75	63	59	148	38	2	2	3
65	88	75	71	169	44	2	2	3
80	104	90	86	198	51	2	2.5	3.5
100	127	110	105	238	61	2	3	4
125	161	140	135	298	76	2.5	4	5.5
150	184	160	154	338	86	2.5	4	5.5
200	249	225	219	480	119	3.5	5	7
250	308	280	270	592	146	4	5.5	8.5
300	346	315	304	666	164	4.5	6.5	10
350	390	355	340	748	184	5	7.5	11.5
400	440	400	384	840	206	5.5	8.5	13

注：复合管件尺寸 S 可由供需双方协商适量微调。

FRP-CPVC/UPVC PIPES
复合管件

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

四通
CROSS

大小头
REDUCER

法兰
FLANGE

FRP-CPVC/UPVC PIPES
复合管件

弯头
ELBOW

三通
TEE

直通
COUPLING

管帽
END CAP

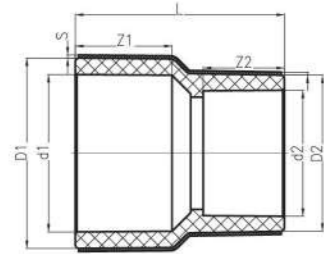
四通
CROSS

大小头
REDUCER

法兰
FLANGE



COMPOSITE REDUCER
复合管件大小头

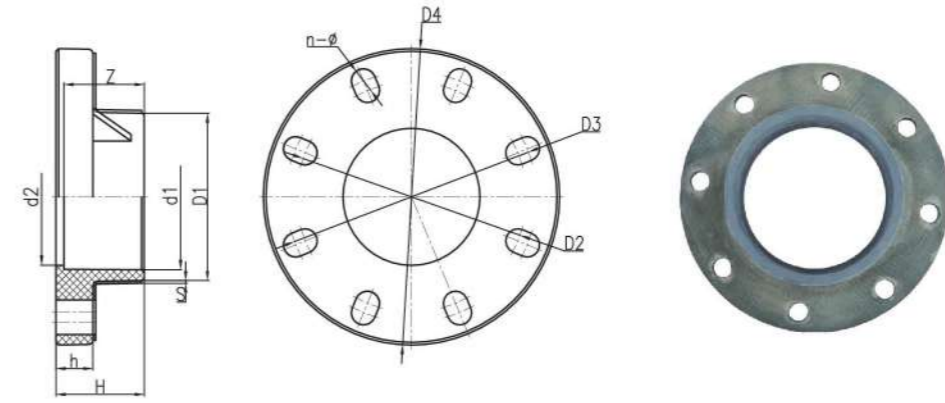


公称直径 DN	D1	D2	d1	d2	L	Z1	Z2	S		
								0.6MPa	1.0MPa	1.6MPa
300*100	351	127	315	110	300.5	163.5	61	4.5	6.5	10
300*125	351	160	315	140	307	163.5	76	4.5	6.5	10
300*150	351	180	315	160	311.5	163.5	86	4.5	6.5	10
300*200	351	251	315	225	325	163.5	118.5	4.5	6.5	10
300*250	351	310	315	280	336.5	163.5	146	4.5	6.5	10
350*150	390	184	355	160	343	184	86	5	7.5	11.5
350*200	390	249	355	225	359	184	119	5	7.5	11.5
350*250	390	308	355	280	370	184	146	5	7.5	11.5
350*300	390	346	355	315	378	184	164	5	7.5	11.5
400*200	440	249	400	225	394	206	119	5.5	8.5	12
400*250	440	308	400	280	405	206	146	5.5	8.5	12
400*300	440	346	400	315	413	206	164	5.5	8.5	12
400*350	440	390	400	355	423	206	184	5.5	8.5	12
450*300	494	346	450	315	454	231	164	6	9.5	14.5
450*350	494	390	450	355	463	231	184	6	9.5	14.5
450*400	494	440	450	400	472	231	206	6	9.5	14.5
500*300	548	346	500	315	494	256	164	6.5	10.5	16
500*350	548	390	500	355	504	256	184	6.5	10.5	16
500*400	548	440	500	400	513	256	206	6.5	10.5	16
500*450	548	494	500	450	525	256	231	6.5	10.5	16
600*300	692	346	630	315	600	321	164	8	12.5	19
600*350	692	390	630	355	609	321	184	8	12.5	19
600*400	692	440	630	400	618	321	206	8	12.5	19
600*450	692	494	630	450	630	321	231	8	12.5	19
600*500	692	548	630	500	641	321	256	8	12.5	19

公称直径 DN	D1	D2	d1	d2	L	Z1	Z2	S		
								0.6MPa	1.0MPa	1.6MPa
20*15	32	27	25	20	42	19	16	2	2.5	3.5
25*15	40	27	32	20	48.5	22	16	2	2.5	3.5
25*20	40	32	32	25	49	22	19	2	2.5	3.5
32*20	50	32	40	25	57	26	19	2	2.5	3.5
32*25	50	40	40	32	57	26	22	2	2.5	3.5
40*25	61	40	50	32	67	31	22	2	2.5	3.5
40*32	61	50	50	40	67	31	26	2	2.5	3.5
50*25	75	40	63	32	80.5	38	22	2	2.5	3.5
50*32	75	50	63	40	80.5	38	26	2	2.5	3.5
50*40	75	61	63	50	81	38	31	2	2.5	3.5
65*25	88	40	75	32	93.5	44	22	2	3	4
65*32	88	50	75	40	93.5	44	26	2	3	4
65*40	88	61	75	50	94	44	31	2	3	4
65*50	88	75	75	63	95	44	38	2	3	4
80*25	105	40	90	32	108	51	22	2	3	4
80*32	105	50	90	40	108	51	26	2	3	4
80*40	105	61	90	50	108.5	51	31	2	3	4
80*50	105	75	90	63	109.5	51	38	2	3	4
80*65	105	88	90	75	110.5	51	44	2	3	4
100*40	127	61	110	50	130	61	31	2	3	4
100*50	127	75	110	63	130	61	38	2	3	4
100*65	127	88	110	75	130	61	44	2	3	4
100*80	127	105	110	90	130	61	51	2	3	4
125*50	161	75	140	63	143	76	38	2.5	4	5.5
125*65	161	88	140	75	146	76	44	2.5	4	5.5
125*80	161	105	140	90	149	76	51	2.5	4	5.5
125*100	161	127	140	110	154	76	61	2.5	4	5.5
150*65	184	88	160	75	162	86	44	2.5	4	5.5
150*80	184	105	160	90	165	86	51	2.5	4	5.5
150*100	184	127	160	110	170	86	61	2.5	4	5.5
150*125	184	161	160	140	176	86	76	2.5	4	5.5
200*80	260	105	225	90	217	119	51	3.5	5	7
200*100	260	127	225	110	221	119	61	3.5	5	7
200*125	260	161	225	140	228	119	76	3.5	5	7
200*150	260	184	225	160	233	119	86	3.5	5	7
250*200(Φ250*225)	288	260	250	225	265	131	119	4	5.5	8.5
250*100(Φ280*110)	310	127	280	110	272.5	146	61	4	5.5	8.5
250*125(Φ280*140)	310	160	280	140	278	146	76	4	5.5	8.5
250*150(Φ280*160)	310	180	280	160	283	146	86	4	5.5	8.5
250*200(Φ280*225)	310	251	280	225	297	146	118.5	4	5.5	8.5

注：复合管件尺寸 S 可由供需双方协商适量微调

COMPOSITE FLANGE
复合管件法兰



公称直径 DN	D1	D2	D3	D4	d1	d2	H	h	Z	S			n-Φ
										0.6MPa	1.0MPa	1.6MPa	
15	30	65	70	95	20	17	20	14	16	12	14	16	4-Φ15X20
20	36	70	75	105	25	22	23	16	19	12	14	16	4-Φ15X18
25	46	79	90	120	32	28	27	16	22	12	14	18	4-Φ16X22
32	53	89	100	140	40	36	31	17	26	12	16	18	4-Φ18X24
40	64	98	110	150	50	45	36	19	31	12	18	20	4-Φ18X25
50	77	120	125	165	63	58	43	21	38	15	18	20	4-Φ18X21
65	92	140	145	185	75	69	50	22	44	18	20	25	4-Φ18X21
80	108	150	160	200	90	84	57	25	51	18	20	25	8-Φ18X24
100	131	175	190.5	225	110	104	67	28	61	18	20	25	8-Φ18X26
125	160	210	216	250	140	134	82	30	76	18	25	30	8-Φ20X22
150	180	240	242	280	160	154	92	30	86	18	25	30	8-Φ23X24
200(PN10)	253	290	295	338	225	219	125	35	119	20	30	35	8-Φ23X27
200(PN16)	249	—	295	340	225	219	125	28	119	20	30	35	12-Φ23
250	310	350	362	406	280	254	153	30	146	25	35	40	12-Φ25X31
300	348	400	432	483	315	300	174	30	164	25	35	45	12-Φ25X41
350	393	460	470	520	355	348	197	35	184	30	40	50	16-Φ22X27
400	440	515	525	580	400	390	218	35	206	30	40	60	16-Φ26X31
450	494	561	589	640	450	430	243	40	231	35	45	65	20-Φ26X36
500	548	620	650	715	500	480	271	40	256	35	50	70	20-Φ26X41
600	692	725	780	840	630	571	306	42	321	40	55	75	20-Φ30X58

FRP-CPVC/UPVC PIPES
复合管件

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

CROSS
四通

REDUCER
大小头

FLANGE
法兰

FRP-CPVC/UPVC PIPES
复合管件

ELBOW
弯头

TEE
三通

COUPLING
直通

END CAP
管帽

CROSS
四通

REDUCER
大小头

FLANGE
法兰

PIPE FITTINGS AUXILIARY MATERIALS OF CONSTRUCTION

管件管材辅助施工材料



PVC PIPE GLUE PVC 管道胶水



灰色
三年保质期
符合 ASTM D-2564 标准

高粘度，中等干化；
适用所有规格的 24" (630 毫米) 以下口径的 PVC 管和管配件。
具有卓越的填补管道与管件之间缝隙的能力，在常温下可提供更长的施工时间。

Grey
3-years warranty
Compliance with ASTM D-2564 standards

High viscosity, medium dry
Suitable for all sizes of PVC pipes and fittings up to 24" (630 mm).
With an excellent ability to fill the gap between the pipe and the fittings and provides longer construction time at normal temperature.

CPVC PIPE GLUE CPVC 管道胶水



灰色
三年保质期
符合 ASTM F-493 标准

高粘度，中等干化；
适用所有规格的 24" (630 毫米) 以下口径的 CPVC 管和管配件。
具有卓越的填补管道与管件之间缝隙的能力，在常温下可提供更长的施工时间。

Grey
3-years warranty
Compliance with ASTM F-493 standards

High viscosity, medium dry
Suitable for all sizes of CPVC pipes and fittings up to 24" (630 mm).
With an excellent ability to fill the gap between the pipe and the fittings and provides longer construction time at normal temperature.

PRE-ADHESIVE 预粘胶



透明
二年保质期
符合 ASTM F-656 标准

表面软化处理产品。快速软化管壁、增加粘接强度。
用于 PVC 和 CPVC 管与管配件涂抹胶粘剂之前的表面软化处理。

Bright color
2-years warranty
Compliance with ASTM F-656 standards

Soften the surface of the product, quickly soften the wall and increase the bond strength.
Surface softening treatment for PVC and CPVC pipe and pipe fittings before applying adhesive.

误用胶水的急救 MISUSE OF GLUE FOR FIRST AID

吸入：若因吸入而昏迷，请将患者移至新鲜空气中；如果患者呼吸困难请给予氧气并请医生诊治。
Inhalation: If inhalation and collapsed, please move the patients to fresh air; if patients with difficulty in breathing, give oxygen and requested medical attention.

眼睛或皮肤接触：使用充足的水冲洗眼睛 15 分钟，如果情形加重请赶快就医。
Eye or skin contact: use of adequate water rinse eyes for 15 minutes, if the aggravating circumstances, please seek medical treatment as soon as possible.

食用，如误食，请勿进行催吐，应立即请医生诊治。
Eating: such eat mistaken, avoid spit and send to hospital for cure.

胶粘剂

焊接组合

塑料螺钉

法兰垫片



PIPE FITTINGS AUXILIARY MATERIALS OF CONSTRUCTION

管件管材辅助施工材料



西班牙优联科集团
始于1970
欧洲管道胶行业领导者



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PVC 管道胶粘剂

ASTM D2564



PW-DWV-SW

811 PVC高负荷中速

最大适用口径 粘度 固化时间 颜色

- 适合所有规格的12英寸(315毫米)以下口径的PVC管和管配件
- 可用于水暖管、工业用途、游泳池、草地灌溉、导线管、饮用水、下水道和通风系统
- 保质期三年
- Suitable for all sizes of PVC pipes and fittings up to 12" (315 mm).
- Can be used for plumbing, industrial uses, swimming pools, grass irrigation, wire piping, drinking water, sewer and ventilation systems

12"(315毫米)

高粘度

中速

灰色



CPVC 管道胶粘剂

ASTM F493



PW-DWV-SW

824 CPVC 高负荷中速 (防腐)

- CPVC塑胶管道胶粘剂
- 高粘度, 中等干化时间。适合12英寸(315毫米)以下所有规格的CPVC管和配件, 高粘度CPVC胶粘剂可用于不高于95°C的热水装置。
- 特别适合在抗化学腐蚀管道系统中应用, 可用于含次氯酸盐、矿物酸、硬水和含盐的水溶液管道系统中, 也可用于PVC化工管道。可用于Corzan®工业管道系统
- 保质期二年
- For all schedules and classes of CPVC pipe and fittings ≤ 12" with interference fit. Heavy-bodied CPVC cement for hot water installations up to 180F(82°C).
- Especially suitable for chemical corrosion resistant pipeline system applications

12"(315毫米)

高粘度

中速

灰色



预粘胶 Primer

ASTM F-656



PW-DWV-SW

P-68 预粘胶

颜色

- 优良预粘胶, 表面软化处理产品。快速软化管壁、增强粘接强度。
- 用于软化PVC和CPVC管与配件, 为粘接做准备。
- 透明
- 保质期三年
- Soften the surface of the product, quickly soften the wall and increase the bond strength. Surface softening treatment for PVC and CPVC pipe and pipe fittings before applying adhesive.

透明



胶粘剂
GLUE

焊条组合
WELDING ROD

塑料螺丝
PLASTIC SCREW

法兰垫片
FLANGE GASKET



西班牙优联科集团成立于1970年，是一家具有50多年历史的家族企业，总部在西班牙瓦伦西亚，是欧洲管道胶行业的领导者。Unecol集团一直致力于管道胶粘剂及配套产品的生产和研发，在严格控制质量和符合国际标准的同时，为客户提供灵活的服务。

集团旗下三大品牌：Unecol[®], Supertitie[®], chubb[®]，在全球工业胶粘剂、DIY消费市场和日化洗涤用品市场也有很强的影响力。Unecol[®] PVC/CPVC工业管路系统胶粘剂可广泛应用于环保水处理、氯碱和石油化工、医疗制药、冶金、电子光伏、食品加工、农业灌溉、水利工程及畜牧养殖行业；也可用于水暖管、游泳池、草地灌溉等行业。

The Unecol Group was founded in 1970 and is a family-owned company with over 50 years of history, headquartered in Valencia, Spain, and is a leader in the European pipe adhesive industry. Unecol Group has been dedicated to the production and research of pipe adhesives and related products, providing flexible services while strictly controlling quality and complying with international standards.

Unecol Group running three brands: Unecol[®], Supertitie[®], and Chubb[®], which also have a strong influence in the industrial adhesives, DIY and household cleaning and laundry products market globally. Unecol[®] PVC/CPVC industrial pipe system adhesives can be widely used in environmental water treatment, chlor-alkali and petrochemical, pharmaceutical, metallurgy, electronics, photovoltaic, food processing, agricultural irrigation, water conservancy projects, and livestock breeding industries; they can also be used in water heating pipes, swimming pools, and lawn irrigation industries.



STORAGE CONDITIONS 储藏条件

胶粘剂应存放在 15°C -38°C 的干燥环境中，避免日照，保持期为 2 年（包装一经开启，请尽快使用完毕）。

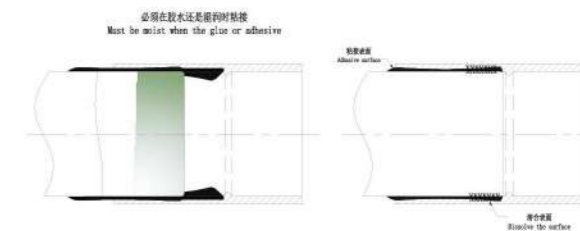
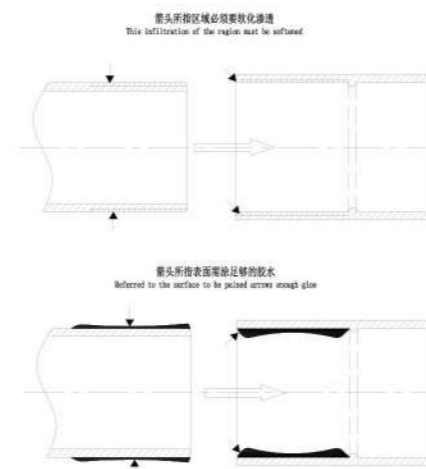
Adhesive should be stored in 15° C -38° C in the day environment, avoid sunlight ,and maintain a period of 2 years(use it as soon as possible after opening).

THE BASIC CEMENTATION PRINCIPLE FOR SOLVENT ADHESIVE 溶剂型粘合剂的基本粘附原理

一、涂抹预粘剂，使管材和管件承插表面充分软化和渗透。
Apply preliminary glue to make the pipe and sufficiently soft and soaked with the glue.

二、使用足够的胶水，胶水可以填补管道和管件之间的空隙。
Use sufficient glue so that the gaps between the pipes and joints are properly filled.

三、当表面胶水还保持湿润时及时粘接管材和管件。
Bond the pipes and joints when the glue is wet.



四、一定将管道推到底，因底部将承受 70% 左右的强度。
Since the ends sustain around 70% of the strength, the pipes must be pushed to the end.

BONDING TECHNOLOGY OF PIPELINES 管道粘接技术

- 一、管材端口应切割平整与管的轴线垂直，可用定管箱和手锯或切管器。
- 二、清除管内外碎粒子和倒角。（10-15 度）
- 三、擦去管内外灰尘油迹和水分（水分、灰尘和有机会影响粘附强度的东西）
- 四、用测量工具量取管件承插深度，将量取尺寸标记在管材插口处。
- 五、开始粘附
 - 1、首先用力将预粘胶涂于管件承插内壁，此操作严禁预粘胶流入管件内部
 - 2、然后用力将预粘胶涂于管材插口标记范围
 - 3、在管材插口处涂抹均匀的胶水，胶水涂抹长度为标记范围
 - 4、紧接着用涂抹过管材的刷子在管件的承插内壁涂抹胶水
 - 5、当胶水还是湿润时，马上将管材插入管件，并用足够的力度将管材推到管件的承底
 - 6、按紧接好管道接口，静止受力直到管件不会被推出为止
 - 7、当接合管道工作完成后，接口处应该有一圈胶水
 - 8、用布擦掉接口处多余的胶水

胶粘剂
GLUE

焊条
WELDING ROD

塑料螺栓
PLASTIC SCREW

法兰垫片
FLANGE GASKET

- The ends of pipes must be cut neatly and must be perpendicular to the central axis of the pipe.
- Remove the flash in the out of the pipe and chamfer (10 to 15 degrees)
- Wipe off the dirt, oil stains and moisture in and out of the pipes (since they adversely affect bonding strength)
- Use measuring instruments to measure the depth of the reception of the joints and mark the measured data on the inserting part of the joints.
- Start the bonding
 - Firstly, apply the preliminary glue on the joint. It is prohibited to allow the glue to flow into the joints.
 - Then apply the preliminary glue on the scope marked on the pipe.
 - Homogeneously apply glue on the inserting part of the pipe, the applied length being the marking scope.
 - Immediately afterwards, use the same brush to apply glue onto the receiver of joint.
 - When the glue is wet, immediately insert the joint and use enough force to push it to the end and twist it an angle of 15 to 45 degrees.
 - Push the glued connection of the joints, make sure the joints will not be pushed out under static force.
 - Upon the piece of cloth to wipe off the redundant glue at the connecting part.
 - Use a piece of cloth to wipe off the redundant glue at the connecting part.

五项基本操作方法 FIVE BASIC OPERATING METHODS

- | | |
|---|--|
| <ol style="list-style-type: none"> 粘接的表面必须软化和渗透 必须使用足量的胶水填充于管道和管件之间的空隙 当表面胶水还保持湿润时必须马上粘接管道和管件 一定将管材推到底，管件承底 加压前需要足够的固化时间 | <ol style="list-style-type: none"> The surface for bonding must be properly softened and soaked Sufficient glue is needed to fill the gaps between the pipes and joints The pipes and joints must be bonded when the glue is wet The pipes and pipe pieces must be pushed to the end Sufficient complete solidification time is required for drying before pressure is applied. |
|---|--|

WELD·ON®PVC、CPVC、ABS 溶剂胶粘剂平均最初凝固时间表
SOLVENT ADHESIVE AVERAGE INITIAL SOLIDIFICATION SCHEDULE

温度范围口径 Temperature range	1/2-1 1/4"	1 1/2-2"	2 1/2-8"	10-15"	15"+
16 至 38°C	2 分钟 min	5 分钟 min	30 分钟 min	2 小时 hour	4 小时 hour
5 至 16°C	5 分钟 min	10 分钟 min	2 小时 hour	8 小时 hour	16 小时 hour
-18 至 5°C	10 分钟 min	15 分钟 min	12 小时 hour	24 小时 hour	48 小时 hour

注：最初凝固时间是指管道粘接后可以小心移动所必需的时间，在潮湿或湿润天气下应该增加 50% 的最初凝固时间。
Note: The initial setting time refers to the time necessary for the pipe to be carefully moved after bonding, and should increase the initial setting time by 50% in wet or humid weather.

WELD·ON®PVC、CPVC、ABS 溶剂胶粘剂平均干化时间表 SOLVENT ADHESIVE AVERAGE DRYING SCHEDULE

相对湿度 ≤ 60% \ 口径 Relative humidity	1/2-1 1/4"		1 1/2-2"		2 1/2-8"		10-15"	15"+
安装和干化时的温度范围 Temperature range for installation and drying	≤ 1.1MPa	1.1-2.5MPa	≤ 1.1MPa	1.1-2.5MPa	≤ 1.1MPa	1.1-2.5MPa	≤ 1.1MPa	≤ 1.1MPa
16 至 38°C	15 分钟 min	6 小时 hour	35 分钟 min	12 小时 hour	1.5 小时 hour	24 小时 hour	24 小时 hour	48 小时 hour
5 至 16°C	20 分钟 min	12 小时 hour	45 分钟 min	24 小时 hour	4 小时 hour	48 小时 hour	48 小时 hour	96 小时 hour
-18 至 5°C	30 分钟 min	48 小时 hour	1 小时 hour	96 小时 hour	72 小时 hour	8 天 day	8 天 day	8 天 day

注：干化时间是指管道粘接后可以施加压力所必需的时间，在潮湿或湿润天气下应该增加 50% 的干化时间。
Note: Drying time refers to the time required to apply pressure after pipe bonding, and should increase the drying time by 50% in wet or humid weather.

IQT ≈ IL WELD·ON®PVC、CPVC、ABS 溶剂胶粘剂可粘接的接口数量
NUMBER OF INTERFACES THAT SOLVENT ADHESIVES CAN BOND

管道直径 Pipe diameter	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	15"	18"
接口数量 Number of interfaces	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4	1/2

注：1、预粘胶的接口数量为胶粘剂的两倍。以上为试验数据、仅供参考。
2、在可控的温度、压力化学浓度下的 PVC 和 CPVC 管道，建议使用预粘胶 P-68 或 P-70、CPVC 胶粘剂 724、PVC 胶粘剂 711。
Note: 1. The number of interfaces of the pre-adhesive is twice that of the adhesive. The above is the test data and is for reference only.
2. Pre-adhesive P-68 or P-70, adhesive 724 and adhesive 711 are recommended for PVC and CPVC pipes under controlled temperature and pressure chemical concentrations.

BONDING UNDER LOW TEMPERATURE 低温气候下的连接

- 1、尽量避免在早上和傍晚进行粘接
- 2、储藏胶水于温暖或常温处增加胶水的流动性能
- 3、将要粘接的管材和管件水分擦干
- 4、若可能，管材和管件在阳光下放置数小时
- 5、由于寒冷温度，干化时间需要比常温下长，完全干化后放置一段时间在系统试压为佳
- 6、在寒冷天气下管线应分段连接，然后在段与段之间连接，尽量避免对新接头的移动
- 7、安装前请仔细阅读管道粘接技术严格按照操作步骤去做

1. Bonding shouldn't be done in the morning or evening
2. Store the glue at a warm or normal temperature place to increase its flowability
3. Wipe off the moisture on the pipes or joints to be bonded
4. If possible, expose the pipes or joints in the sunlight for several hours
5. Due to the cold temperature, the drying time is longer than it is under normal temperature. After complete solidification, place it idle for a certain period before applying the pressure
6. Under cold weather, the pipelines should be bonded section by section to avoid the movement of joints as much as possible
7. Before the installation, read the pipe bonding technique carefully and conduct the installation as per the operation procedure

BONDING UNDER HIGH TEMPERATURE 高温气候下的连接

- 1、胶水和预粘胶需储藏在室内通风阴凉处
- 2、若可能，管材和管件也应储藏在室内和阴凉处
- 3、尽量在早晨时间安装粘接管道
- 4、用湿布擦拭管道粘接处，水分的挥发可降低几度温度，但粘接前应保证连接面完全干燥
- 5、当粘接管道时确定胶水表面仍然湿润，如果粘接大口径管道时，一定要多人合作安装
- 6、使用粘度较高的胶水来粘接，因为粘稠度高的胶水干化时间较慢而同时给予较长时间的粘接时间
- 7、胶水涂抹后应及时将盖子盖于胶瓶上

1. The glue and preliminary glue shall be stored in a cool room with good ventilation
2. If possible, the pipes and joints shall be also stored in a cool room with good ventilation
3. Try to conduct the bonding of pipe shall be done in the morning
4. Use a wet cloth to wipe the area on the pipes to be bonded. The vaporization of water can reduce the temperature by some degrees how even, before the bonding, make sure the connecting surfaces are completely dry
5. When the bonding is done, make sure the glue is wet. If a pipe with large diameter is to be bonded, the work must be done under cooperation of many people
6. Use glue with high viscosity for the bonding, because high viscosity glue dries up slowly and promises longer bonding time
7. After the application of glue, the lid must be put on the container

PRECAUTIONS 注意事项

- 1、切记当粘接 ABS 管道时严禁使用预粘胶
- 2、施工现场严禁烟火
- 3、露天现场雨天、雪天不能施工
- 4、现场温度低于 -20°C 不能施工
- 5、尽量在空气较流通的区域里作业
- 6、尽量避免接触到皮肤、眼睛
- 7、放到儿童不能接触的地方

1. Always bear in mind that preliminary glue is prohibited for bonding of ABS pipes
2. Fire is prohibited at the bonding site
3. Bonding must not be done under rainy or snowy weather
4. Bonding must not be done when the temperature at site is lower than -20°C
5. Try to conduct the bonding in an area with good ventilation
6. Try to avoid contact with skin or eyes
7. Into contact with the local children

施工流程图 CONSTRUCTION FLOW CHART



注：所有尺寸的 PVC、CPVC 管路系统粘接，都必须配套使用预粘胶 P-68 或 P70。

夏季施工注意事项 Summer construction considerations

1. 使用之前，将胶粘剂和预粘胶储藏在室内或阴凉处；
2. 如果条件允许，将管材和管件也储藏在室内或阴凉处；
3. 用湿布抹擦于管件粘接处使其降温，但须待完全干燥后才能涂抹胶粘剂；
4. 尽量在早晨或傍晚温度较低的时间安装；
5. 当胶粘剂仍然湿润时进行粘接，如果粘接大径管道，须多人合作完成；
6. 选用粘度较高的胶粘剂，因粘度高的胶粘剂干化时间慢，可给予较长的工作时间；
7. 盖子须盖紧。溶剂挥发后会使胶粘剂变稠，效力降低。不可添加稀释剂改变粘度，否则将可能引起性能的重大变化。

冬季施工注意事项 Winter construction considerations

1. 管道和管件尽量储存在较温暖的地方；
2. 盖紧胶粘剂并将其储存在 5-33°C 的场所，用前确认胶水能自由流动；当胶水因天气变得非常粘稠，可将其移到常温处放置一段时间，等恢复到正常粘稠度再使用；
3. 在低温下，管面的硬度会增强，胶粘剂的软化和渗透比在常温下速度要慢，因此需要用预粘胶先软化管面，粘接后也需要更多的时间来固化和干化；
4. 选择使用在低温条件下性能更加优异的预粘胶 P-70。5. 如气温太低，可将预粘胶和胶粘剂移至室内缓慢升温，切不可用火加热等方式快速升温。

英寸和毫米转换表

英寸	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	8	10	12	14	24	30
毫米	20	25	32	40	50	63	75	90	110	160	200	250	315	355	600	800

WELD-ON® 保质期和包装规格

预粘胶	3 年	QT, PT
PVC 胶粘剂	3 年	Gal, QT, PT, HP, QP
民用 PVC 胶粘剂	2 年	1000g, 500g, 290g, 150g
CPVC 胶粘剂	2 年	Gal, QT, PT, HP, QP
ABS 胶粘剂	3 年	QT, PT

焊条 WELDING ROD



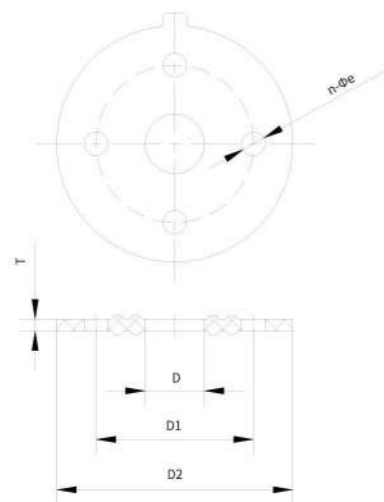
规格 DN Specifications	外形尺寸 (mm) External dimensions			每根长度 (mm) Each length
	d	L	H	
1.5	1.5	1	1.2	1000
2	2	1.5	1.7	1000
2.5	2.5	2.5	2.2	1000

塑料螺丝 PLASTIC SCREW



备有耐腐蚀全塑螺丝、螺帽
Has anti-corrosive all models the screw, the cap nut
规格 Specification: $\Phi 8-\Phi 30$ mm
规格尺寸: 参照 GB5789-86
Specification size: Refers to GB5789-89
材质 Mater quality:
CPVC, UPCV, FRPP, PVDF, PPH

法兰垫片 FLANGE GASKET



公称直径 DN (mm) Nominal diameter	D	D1	D2	T	n-Φ
15	18	65	95	3	4-Φ14
20	27	75	105	3	4-Φ14
25	34	85	115	3	4-Φ14
32	37	100	135	3	4-Φ18
40	41	110	145	3	4-Φ18
50	61	125	160	3	4-Φ18
65	69	145	180	3	4-Φ18
80	89	160	195	3	8-Φ18
100	101	180	215	3	8-Φ18
125	125	210	245	3	8-Φ18
150	151	240	280	3	8-Φ23
200	203	295	335	3	8-Φ23
250	254	350	390	3	12-Φ23
300	324	400	440	4	12-Φ22
350	354	460	500	3	16-Φ25
400	404	515	565	3	16-Φ27
500	530	620	670	4	20-Φ26
600	650	725	780	5	20-Φ30

CORROSION RESISTANT PUMP SERIES

耐腐蚀泵系列



胶粘剂
GLUE

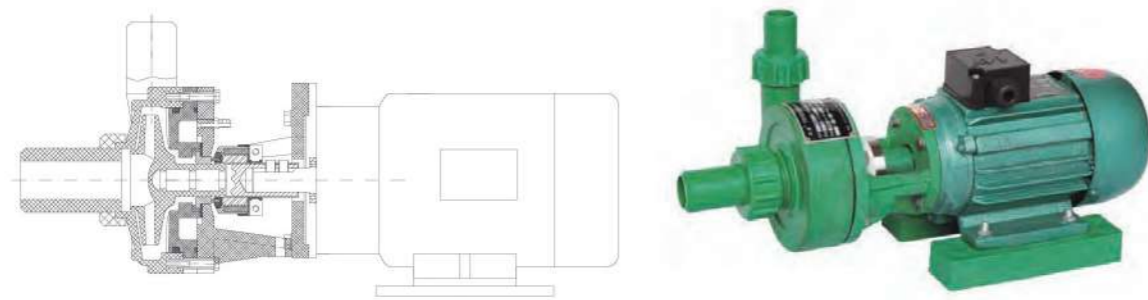
焊条组合
WELDING ROD

塑料螺丝
PLASTIC SCREW

法兰垫片
FLANGE GASKET

PVDF&FRPP PUMPS SPECIFICATION

PVDF(聚偏二氟乙烯)、FRPP(增强聚丙烯)耐腐蚀泵系列产品技术说明



我厂专业生产 PVDF、FRPP 两种材质四个系列 (FV、FP、FVZ、FPZ) 的全塑耐腐蚀离心泵、自吸泵, 其中 PVDF 泵适用于强酸、强氧化剂、卤素、芳烃、脂肪、氯化溶剂等化学介质, 实用温度为 -40°C—+140°C; FRPP 泵适用于强碱及一般酸碱盐类及其衍生物, 实用温度为 -40°C—+90°C。泵的传动一般供二级 Y 型节能电机, 如需安装防爆电机, 由用户提出; 对流量、扬程、转速、功率如有特殊要求, 我厂可以提供技术服务, 满足用户要求。

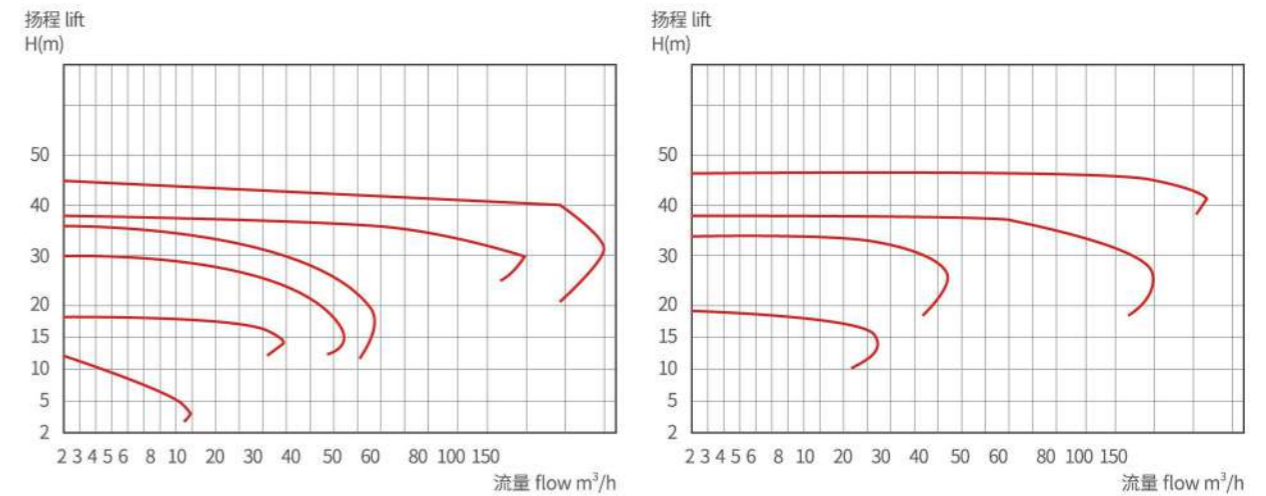
Our factory specializes in the production of four series (FV, FP, FVZ, FPZ) of the four series (FV, FP, FVZ, FPZ) of PVDF and FRPP centrifugal pump and the self-priming pump. The PVDF pump is suitable for strong acid, strong oxidizer, halogen, aromatic hydrocarbons, chemical media such as fat, chlorinated solvents, practical temperature to -40 °C to + 140 °C. The FRPP pump is suitable for strong alkali, acid & alkali salts and its derivatives commonly. For secondary pump drive general Y type energy-saving motor, and its operating temperature is -40 °C —+90 °C. The explosion proof motor only supplied with according requisition. With special requirements for flow, lift, rotating speed and power, our factory can provide technical service to meet customer's requirement.

PUMP TYPE
泵的型号说明



CENTRIFUGAL PUMP/SELF-PRIMING PUMP FLOW GRAPH

离心 / 自吸泵谱图



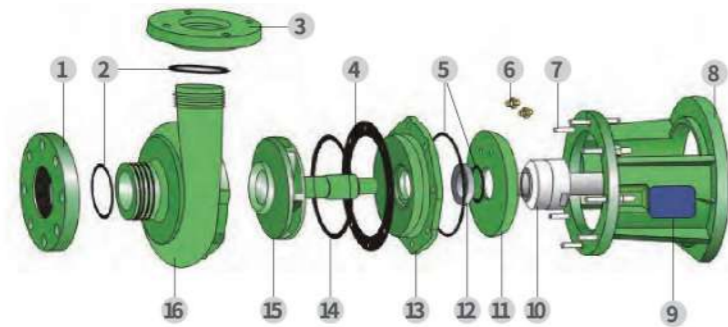
INSTALLATION MAINTENANCE

安装注意事项

1. 泵经长途运输到达生产场地, 安装前应开箱检验, 泵机零部件是否完好无损, 紧固件如有松动, 应重新紧固, 检查泵轴与电机轴的同心度, 如有松动应予校正。
2. 泵体全部为 PVDF、FRPP 树脂注塑成形, 输出管路上应有支撑架或吊架, 不能全靠法兰承受压力, 以防变形损坏; 进口管路要尽量减少管路水损失, 90°弯头不应超过两个。FP、FV 型离心泵应在吸入管前端装上底阀, 以保证泵在启动前泵体内充满液体; 吸入管口或底阀进口应装滤网, 或在进口处装一个过滤器, 以防止杂物吸入泵体, 保证泵能正常运转。
3. 泵体连接点螺栓要均匀拧紧, 进出管口连接严密, 不能漏气, 否则会影响抽真空, 吸不出液体, 或在造成流量、扬程不足等弊端。

1. After long-distance transportation, the pump should be checked before installation, whether the parts of pump machine are intact, the fasteners are loose, and should be re-tightened to check the concentricity of the shaft of the pump shaft and motor shaft. If there is any loose, it should be corrected. The pump should be checked before installation especially for the spare parts; shaft connection and locks should be adjusted on the right position tightly.
2. The pump body is all PVDF and FRPP resin injection molding, so the inlet and outlet pipe lines should have support or suspension structure, should not be supported only by the joint flanges. The inlet pipeline should not have more than 2pcs 90° elbow. The FP, FV type centrifugal pump shall be installed at the front end of the suction tube to ensure that the pump is filled with liquid before starting the pump. The suction nozzle or the bottom valve shall be installed with a strainer, or a strainer shall be installed at the inlet to prevent the sundries from being sucked into the pump and ensure that the pump can function properly.
3. All connection should be tight and without leakage of air, otherwise the pump will not working properly and give the designed flow and lift.

CENTRIFUGAL PUMP
直联式离心泵

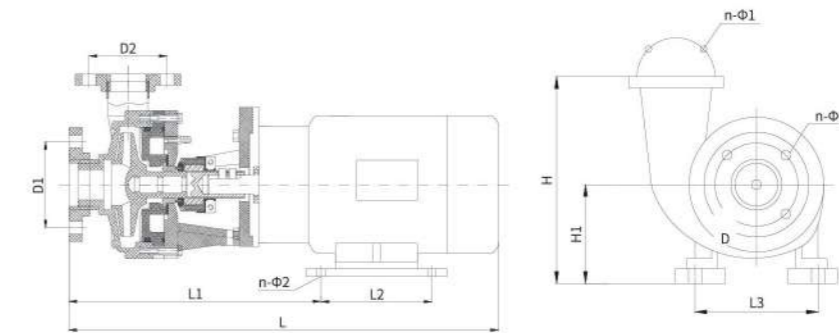


直联式离心泵装配明细图
Direct Connection Type Centrifugal Pump Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	进口法兰 Inlet flange	FRPP,PVDF
2	密封圈 Ring	EPDM,FPM
3	出口法兰 Pump body	FRPP,PVDF
4	密封胶片 Seal film	EPDM,FPM
5	密封圈 Ring	EPDM,FPM
6	冷却水嘴 Cooling water cover	钢 Steel
7	双头螺柱 Double headed stud	钢、不锈钢 Steel,Stainless steel
8	支架 Suppot	FRPP
9	铭牌 Date plate	铝 Aluminium
10	机械密封动环 The mechanical seal moves	碳化硅 Sic
11	冷却盖 Cools the lid	FRPP,PVDF
12	机械密封静环 Mechanical seal static link	碳化硅 Sic
13	泵盖 Cover	FRPP,PVDF
14	密封圈 Ring	EPDM,FPM
15	叶轮 Impeller shaft	FRPP/ 钢 Steel PVDF 钢 Steel
16	离心泵泵体 Centrifugal pump pump body	FRPP,PVDF

CENTRIFUGAL PUMP
FV系列耐腐蚀离心泵直联式



安装尺寸 DIMENSION LIST

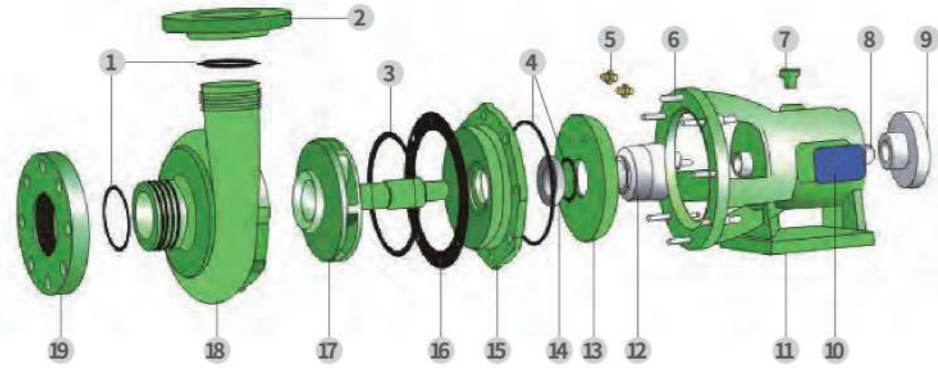
单位 UNIT: mm

尺寸 Dimension 型号 Type	安装尺寸 Installed Size						进口法兰 Import flange		出口法兰 Export flange		
	L	L1	L2	L3	H	H1	n-Φ2	D1	n-Φ	D2	n-Φ1
25F _V (D)-8	400	190	145	110	210	100	4-12	25	缩节	25	缩节
32F _V (D)-11	400	190	145	110	210	100	4-12	32	缩节	25	缩节
40F (D)18	500	260	145	140	270	130	4-12	110	4-18	100	4-18
50F (D)20	515	255	145	140	280	120	4-12	125	4-18	110	4-18
65F (D)25	650	390	140	190	300	120	4-12	145	4-18	125	4-18
80F (D)30	725	415	140	216	300	130	4-14	160	8-18	145	4-18
80F (D)32	725	415	140	216	300	130	4-14	160	8-18	145	4-18
100F (D)20	860	510	215	250	370	170	4-14	180	8-18	160	8-18
100F (D)32	860	510	215	250	370	170	4-14	180	8-18	160	8-18

离心泵 CENTRIFUGAL PUMP
自吸泵 SELF-PRIMING PUMP
喷射泵 JET PUMP
真空机组 VACUUM PUMP UNITS SETS

离心泵 CENTRIFUGAL PUMP
自吸泵 SELF-PRIMING PUMP
喷射泵 JET PUMP
真空机组 VACUUM PUMP UNITS SETS

CENTRIFUGAL PUMP
轴联式离心泵 (FRPP PVDF)

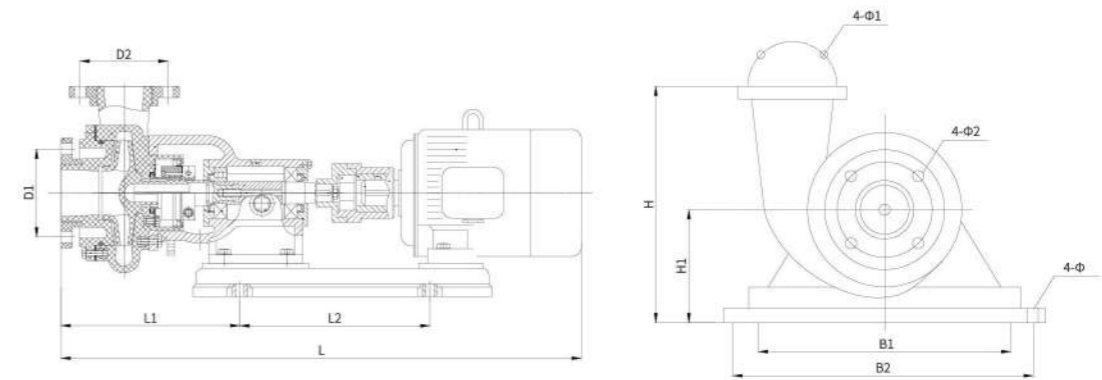


轴联式离心泵装配明细图
Shaft Connection Type Centrifugal Pump Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	密封圈 Ring	EPDM,FPM
2	出口法兰 Pump body	FRPP,PVDF
3	密封圈 Ring	EPDM,FPM
4	密封圈 Ring	EPDM,FPM
5	冷却水嘴 Cooling water cover	钢 Steel
6	双头螺柱 Double headed stud	钢、不锈钢 Steel,Stainless steel
7	油孔塞 Oil-hole plug	FRPP
8	连接轴 Carrying axle	钢 Steel
9	联轴器 Coupling	铸铁 Cast iron
10	铭牌 Date plate	铝 Aluminium
11	支架 Suppot	FRPP/ 铸铁 PVDF/ 铸铁
12	机械密封动环 The mechanical seal moves	碳化硅 Sic
13	冷却盖 Coola the lid	FRPP
14	机械密封静环 Mechanical seal static link	碳化硅 Sic
15	泵盖 Cover	FRPP,PVDF
16	密封胶片 Seal film	EPDM,FPM
17	叶轮 Impeller	FRPP/ 钢 Steel PVDF 钢 Steel
18	泵体 Pump body	FRPP,PVDF
19	进口法兰 Pump body	FRPP,PVDF

CENTRIFUGAL PUMP
FV系列耐腐蚀离心泵轴联式



安装尺寸 DIMENSION LIST

单位 UNIT: mm

尺寸 Dimension	安装尺寸 Installed size							进口法兰 Inlet flange		出口法兰 Pump body		
	L	L1	L2	B1	B2	H	H1	4-Φ	D1	n-Φ2	D2	n-Φ1
40F _V (D)-25	830	185	415	245	340	310	170	4-16	110	4-18	100	4-18
50F _V (D)-28	840	300	430	250	340	322	170	4-16	125	4-18	110	4-18
65F _V (D)-26	850	295	430	250	340	345	182	4-16	145	4-18	125	4-18
80F _V (D)-30	960	330	430	250	340	380	185	4-16	160	8-18	145	4-18
80F _V (D)-32	960	330	430	250	340	380	185	4-16	160	8-18	145	4-18
100F _V (D)-20	1140	275	635	285	405	450	250	4-18	180	8-18	160	8-18
100F _V (D)-32	1200	275	635	285	405	450	250	4-18	180	8-18	160	8-18

离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

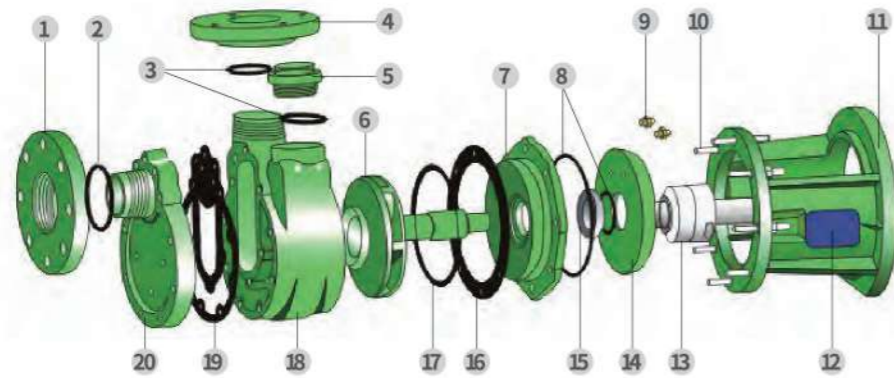
离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

SELF-PRIMING PUMP
直联式自吸泵 (FRPP PVDF)

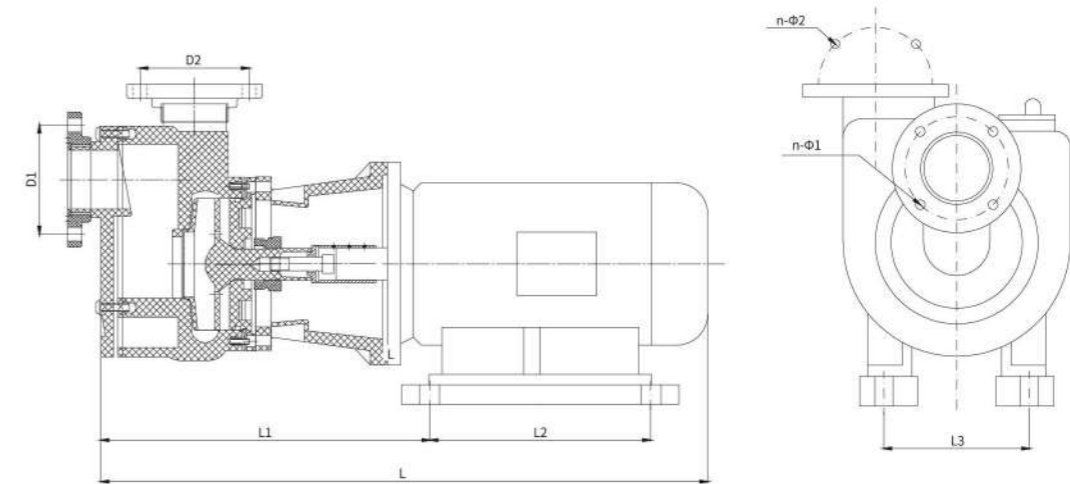


直联式自吸泵装配明细图
Direct Connection Type Self-priming Pump Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	进口法兰 Inlet flange	FRPP,PVDF
2	密封圈 Ring	EPDM,FPM
3	密封圈 Ring	EPDM,FPM
4	出口法兰 Pump body	FRPP,PVDF
5	注液盖 Fluid injectin lid	FRPP,PVDF
6	叶轮 Impeller shaft	FRPP/ 钢 Steel PVDF 钢 Steel
7	后泵盖 Back cover	FRPP,PVDF
8	密封圈 Ring	EPDM,FPM
9	冷却水嘴 Cooling water cover	钢 Steel
10	双头螺柱 Double headed stud	钢、不锈钢 Steel,Stainless steel
11	支架 Suppot	铝 Aluminium
12	铭牌 Date plate	FRPP,PVDF
13	机械密封动环 The mechanical seal moves	碳化硅 Sic
14	冷却盖 Cools the lid	FRPP
15	机械密封静环 Mechanical seal static link	碳化硅 Sic
16	密封胶片 Seal film	EPDM,FPM
17	密封圈 Ring	EPDM,FPM
18	自吸泵泵体 Self-priming pump pump body	FRPP,PVDF
19	拍门 Door	EPDM,FPM
20	前泵盖 Front cover	FRPP,PVDF

SELF-PRIMING PUMP
FV系列耐腐蚀自吸泵直联式



安装尺寸 DIMENSION LIST

单位 UNIT: mm

尺寸 Dimension 型号 Type	安装尺寸 installed size				进口法兰 Inlet flange		出口法兰 Pump body	
	L	L1	L2	L3	D1(Φ)	n-Φ1	D2	n-Φ2
25 ^p FZ(D)-8	500	300	145	110	25	缩节	Φ25	缩节
32 ^p FZ(D)-11	500	300	145	110	32	缩节	Φ25	缩节
40 ^p FZ(D)-18	560	320	145	140	110	4-Φ18	100	4-Φ18
50 ^p FZ(D)-22	590	320	145	140	125	4-Φ18	110	4-Φ18
80 ^p FZ(D)-30	750	415	140	325	160	8-Φ18	145	4-Φ18
80 ^p FZ(D)-32	750	415	140	325	160	8-Φ18	145	4-Φ18

离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

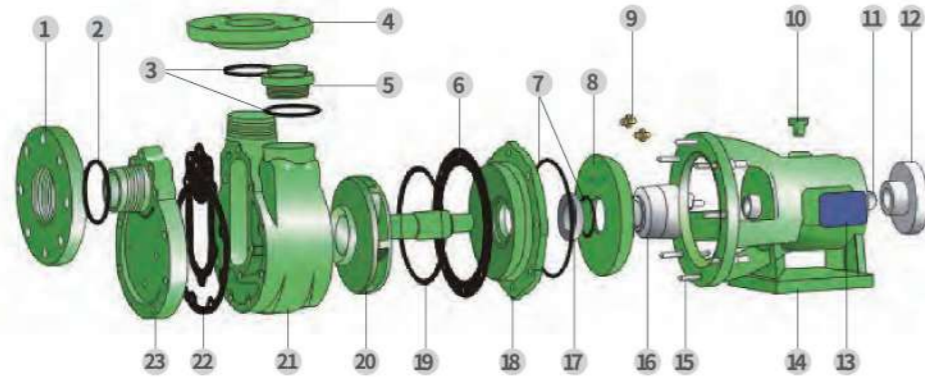
离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

SELF-PRIMING PUMP
轴联式自吸泵 (FRPP PVDF)

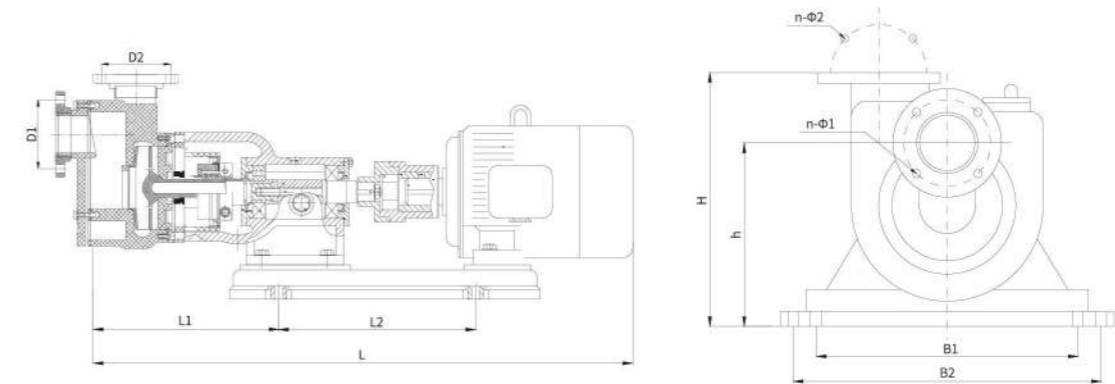


轴联式自吸泵装配明细图
Shaft Connection Type Self-priming Pump Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	进口法兰 Inlet flange	FRPP,PVDF
2	密封圈 Ring	EPDM,FPM
3	密封圈 Ring	EPDM,FPM
4	出口法兰 Pump body	FRPP,PVDF
5	注液盖 Fluid injectin lid	FRPP,PVDF
6	密封胶片 Seal film	EPDM,FPM
7	密封圈 Ring	EPDM,FPM
8	冷却盖 Cools the lid	FRPP,PVDF
9	冷却水嘴 Cooling water cover	钢 Steel
10	油孔塞 Oil-hole plug	FRPP
11	连接轴 Carrying axle	钢 Steel
12	联轴器 Coupling	铸铁 Cast iron
13	铭牌 Date plate	铝 Aluminium
14	支架 Suppot	FRPP/ 铸铁 PVDF/ 铸铁
15	双头螺柱 Double headed stud	钢、不锈钢 Steel,Stainless steel
16	机械密封动环 The mechanical seal moves	碳化硅 Sic
17	机械密封静环 Mechanical seal static link	碳化硅 Sic
18	后泵盖 Back cover	FRPP,PVDF
19	密封圈 Ring	EPDM,FPM
20	叶轮 Impeller shaft	FRPP/ 钢 Steel PVDF 钢 Steel
21	自吸泵泵体 Self-priming pump pump body	FRPP,PVDF
22	拍门 Door	EPDM,FPM
23	前泵盖 Front cover	FRPP,PVDF

SELF-PRIMING PUMP
FV系列耐腐蚀自吸泵轴联式



安装尺寸 DIMENSION LIST

单位 UNIT: mm

尺寸 Dimension	安装尺寸 installed size							进口法兰 Inlet flange		出口法兰 Pump body	
	L	L1	L2	H	h	B1	B2	D1	n-Φ1	D2	n-Φ2
40F _V Z-25	800	280	400	360	260	240	335	110	4-Φ18	100	4-Φ18
50F _V Z-28	900	280	400	360	260	240	335	125	4-Φ18	110	4-Φ18
80F _V Z-30	1000	575	435	400	300	250	340	160	8-Φ18	145	4-Φ18
80F _V Z-32	1000	575	435	400	300	250	250/340	160	8-Φ18	145	4-Φ18

离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

产品技术性能 SPECTIFICATION

型号	1.00 介质比重 (P)1.00	流量 (m³/h)	扬程 (m)	吸程 (m)	进出口径 (mm)	电机功率 (kw)	整机质量 (kg)	连接形式	
25F _V ^P (D)-8A	1.00	3	8		32X25(束接)	0.55	15	直联式	
32F _V ^P (D)-11A	1.00	4	11		32X25(束接)	0.75	15		
32F _V ^P (D)-11B	1.35	4	8		32X25(束接)	1.1	15		
40F _V ^P (D)-18A	1.88	7.5	18		40X32(束接)	3	30		
40F _V ^P (D)-18B	1.00	11	18		40X32(束接)	1.5	30		
40F _V ^P (D)-18C	1.35	11	18		40X32(束接)	2.2	30		
50F _V ^P (D)-20A	1.00	18	20		50X40	2.2	37		
50F _V ^P (D)-20B	1.35	20	20		50X40	3	37		
65F _V ^P (D)-25A	1.00	50	25		65X50	4	75		
80F _V ^P (D)-30A	1.00	50	30		80X65	5.5	95		
80F _V ^P (D)-32B	1.00	50	32		80X65	7.5	95		
100F _V ^P (D)-20A	1.00	100	20		100X80	11	125		
100F _V ^P (D)-32B	1.00	100	40		100X80	15	125		
40F _V ^P -25A	1.00	11	25		40X32	3	48	轴联式	
50F _V ^P -28A	1.00	18	28		50X40	4	75		
65F _V ^P -26A	1.00	20	26		65X50	4	95		
80F _V ^P -30A	1.00	50	30		80X65	5.5	100		
80F _V ^P -32B	1.00	50	32		80X65	7.5	100		
100F _V ^P -20A	1.00	100	20		100X80	11	192		
100F _V ^P -32B	1.00	100	40		100X80	15	192		
25F _V ^P FZ(D)-8A	1.00	3	8	4	25X20(束接)	0.75	17	直联式	
32F _V ^P FZ(D)-11A	1.00	4	11	4	32X25(束接)	1.1	18		
40F _V ^P FZ(D)-18A	1.00	11	18	4	40X32	1.5	60		
40F _V ^P FZ(D)-18B	1.35	11	18	4	40X32	2.2	60		
40F _V ^P FZ(D)-18C	1.88	11	15	3.7	40X32	3	60		
50F _V ^P FZ(D)-20A	1.00	18	20	4	50X40	2.2	68		
50F _V ^P FZ(D)-20B	1.35	18	20	4	50X40	5.5	68		
50F _V ^P FZ(D)-20C	1.88	18	20	3.7	50X40	7.5	68		
80F _V ^P FZ(D)-30A	1.00	50	30	4	80X65	5.5	90		
80F _V ^P FZ(D)-32A	1.00	50	32	4	80X65	7.5	90		
40F _V ^P FZ-18A	1.00	10	18	4	40X32	1.5	70		轴联式
50F _V ^P FZ-28A	1.00	18	28	4	50X40	2.2	78		
50F _V ^P FZ-28B	1.35	18	28	4	50X40	4	78		
80F _V ^P FZ-30A	1.00	50	30	4	80X65	5.5	125		
80F _V ^P FZ-32B	1.00	50	32	4	80X65	7.5	125		

PUMP TYPE 型号说明

FRPP - 54 - 180 型 Type

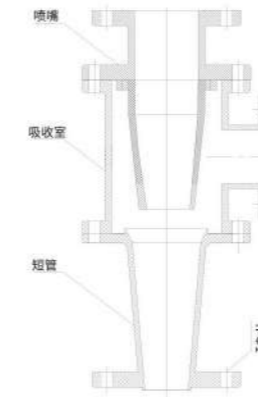


最大抽气值 (m³/h) The maximum suction volume
 进气口内径 (mm) Inlet inner diameter
 材料代号: (增强聚丙烯) Msterial number (FRPP)

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	进口法兰 Inlet flange	FRPP,PVDF
2	密封圈 Ring	EPDM,FPM
3	密封圈 Ring	EPDM,FPM
4	出口法兰 Pump body	FRPP,PVDF
5	注液盖 Fluid injection lid	FRPP,PVDF
6	密封胶片 Seal film	EPDM,FPM
7	密封圈 Ring	EPDM,FPM
8	冷却盖 Cools the lid	FRPP,PVDF
9	冷却水嘴 Cooling water cover	钢 Steel

INTERNET BOUND AND CHARACTERISTIC 应用范围及特点



凯鑫牌系列水喷射真空泵是采用增强聚丙烯塑料一次注塑成型,具有机械强度高、耐腐蚀性能强、表面光洁、结构简单、体积小等优点,在目前同类型产品中,有真空度高的特点,是取代SZ型水环式泵和W型往复式真空泵的理想产品。该泵可抽腐蚀性气体温度在150°C内,可与蒸汽喷射泵串联使用,真空度更高,广泛应用于化工、制药、纺织、食品、酿造、冶金、环保等行业,主要应用真空吸收、真空过滤、真空浓缩、真空干燥、真空传输、真空除氧、真空增氧等工艺。本厂可提供立卧式成套机组。用户还可选用本厂生产的耐腐蚀泵、止回阀、管道等系列配套产品。

brand Water jet vacuum pump is molded with FRPP plastic in one time injection which has many advantage,such as high mechanical strength, strong corrosion resistance, clean surface, simple structure and small volume etc.It is the ideal product to replace the SZ type water ring pump and W type reciprocating vacuum pump in the current homogenous products, with the longest service life, maximum discharge volume and high vacuum degree. This pump can take out erosive gas within the temperature of 150°C, and can connect with steam spray pump, moreover, it has been widely utilized in chemical industry, pharmacy textile, foodstuff, brewage, metallurgy, environment protection, mainly apply in vacuum oxygen increasing etc. Our factory can supply horizontal and vertical whole set machine, the user also can select other serial of product such as corrosion resistance pump, check valve, pipe etc.

离心泵 CENTRIFUGAL PUMP

自吸泵 SELF-PRIMING PUMP

喷射泵 JET PUMP

真空机组 VACUUM PUMP UNITS SETS

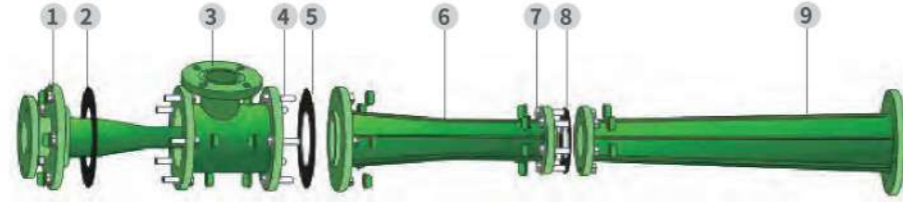
离心泵 CENTRIFUGAL PUMP

自吸泵 SELF-PRIMING PUMP

喷射泵 JET PUMP

真空机组 VACUUM PUMP UNITS SETS

JET PUMP
水喷射真空泵 (FRPP)

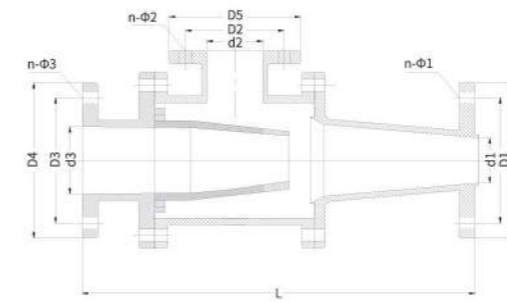


水喷射真空泵装配明细图
Aerated Water Series Connection Jet Pump Assembly Detail Drawing

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	材质 Material
1	喷嘴 Spray mouth	FRPP,PVDF
2	橡胶垫片 Rubber pads	EPDM,FPM
3	吸收室 Absorb room	FRPP,PVDF
4	六角螺栓及螺母 Hexagonal bolts and nuts	钢 Steel
5	橡胶垫片 Rubber pads	EPDM,FPM
6	二级长喷嘴 2 long nozzle	FRPP,PVDF
7	六角螺栓及螺母 Hexagonal bolts and nuts	钢 Steel
8	橡胶垫片 Rubber pads	EPDM,FPM
9	扩散管 Expand pipe	FRPP,PVDF

FRPP

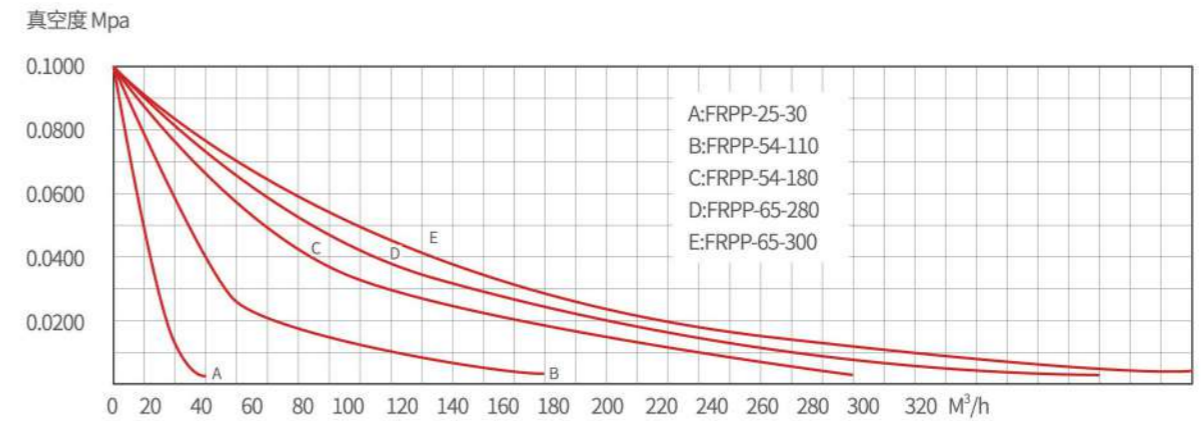


型号 Type	L	d1	D1	n-φ1	D6	d2	D2	n-φ2	D5	d3	D3	n-φ3	D4	重量 kg weight
FRPP-54-90	370	51	105	Φ12x4	137	53	105	Φ12x4	135	53	105	Φ12x4	135	3
FRPP-54-110	370	51	105	Φ12x4	137	53	105	Φ12x4	135	53	105	Φ12x4	135	3.2
FRPP-54-180	1150	80	145	Φ12x4	175	53	105	Φ12x4	135	53	105	Φ12x4	135	5
FRPP-54-220	1150	80	145	Φ12x4	175	53	105	Φ12x4	135	53	105	Φ12x4	135	5.1
FRPP-65-280	1350	100	160	Φ14x8	196	65	125	Φ14x4	163	65	125	Φ14x4	163	7.2
FRPP-65-360	1350	100	160	Φ14x8	196	65	125	Φ14x4	163	65	125	Φ14x4	163	7.5
FRPP-80-500	1580	126	180	Φ18x8	222	77	145	Φ16x4	181	77	145	Φ16x4	181	18

成套型号规格及技术参数 WHOLE SET TYPE TECHNICAL PARAMETERS AND SPECIFICATIONS

型号 Type	极限真空度 Mpa the limit vacuum degree	保证真空度 Mpa the pledge vacuum degree	最大抽气量 (m3/h) The maximum suction volume	配套离心泵功率 (kw) necessary centrifugal pump power	卧式机组外型尺寸长 X 宽 X 高 mm Horizontal set figuration size long*breath*height	备注 remark
FRPP-25-20	0.0985	0.098	20	40FP(D)-20(1.5)	800x600x800	注: 极限真空度是根据当地当时的大气压 X 本技术参数 的保证真空度。 Attention: Terminal vacuum is according to local atmosphere*technology parameter ensure vacuum degree.
FRPP-32-30	0.0985	0.098	30	50FP(D)-22(2.2)	800x700x800	
FRPP-40-60	0.098	0.097	60	40FP(D)-25(3)	1500x900x1150	
FRPP-54-90	0.098	0.097	90	50FP(D)-28(4)	1500x1000x1200	
FRPP-54-110	0.0985	0.0975	110	80FP(D)-30(5.5)	1500x1000x1200	
FRPP-54-180	0.0993	0.098	180	80FP(D)-30(5.5)	1800x1000x1250	
FRPP-54-220	0.0996	0.0984	220	100FP(D)-32(15)	1850x1000x1300	
FRPP-65-280	0.0993	0.098	280	80FP(D)-32(7.5)	1900x1000x1300	
FRPP-65-360	0.0995	0.098	360	100FP(D)-32(11)	2000x1200x1300	
FRPP-80-500	0.0995	0.098	500	100FP(D)-32(15)	2500x1200x1500	
蒸汽喷射泵 Steam spray pump	0.1	0.0996	同上 Idem	汽水串联于 180、280、360 配套, 耗气量 40kg/h 工作压力 0.3Mpa Aerated water series connection equip with 180,280,360, working pressure is 0.3Mpa.		

FRPP TYPE SPB WATER JET VACUUM PUMP MEASURED PARAMETER PERFORMANCE CURVE
FRPP 系列水喷射真空泵 实测参数性能曲线



离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

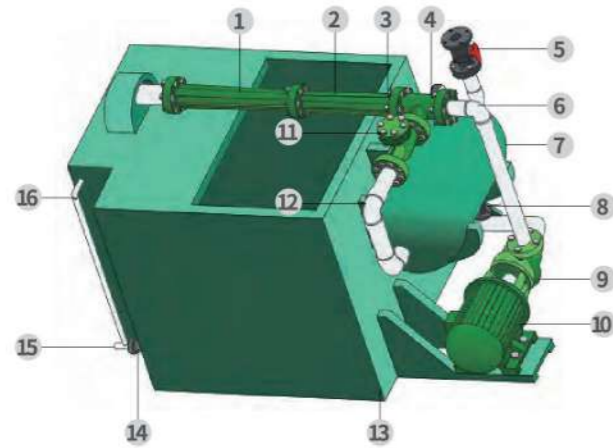
离心泵
CENTRIFUGAL PUMP

自吸泵
SELF-PRIMING PUMP

喷射泵
JET PUMP

真空机组
VACUUM PUMP UNITS SETS

APPLICATION SCOPE AND FEATURES
应用范围及特点



可移动节能环保型全塑卧式水喷射真空泵成套机组，其离心泵、喷射泵、喷射器、缓冲灌水箱、止回阀等均采用增强聚丙烯材料制成。机组具有重量轻、体积小、噪音低、耐腐无毒、真空度高、排气量大、结构合理、运行可靠、安装维修方便等优点。广泛应用于化工、医药、纺织、酿造、冶金、轻工、环保等行业中的真空吸收、真空过滤、真空结晶、真空浓缩、真空干燥、真空输送、真空脱臭、真空除氧、真空增氧各种工艺。本厂可提供李世成套机组。用户还可选用本厂生产的耐腐蚀、止回阀、球阀、管道系列配套产品。

Mobile energy efficient and environmentally friendly plastic horizontal water jet pump sets of generators, its centrifugal pumps, ejector, a buffer tank, Check etc. Using reinforced polypropylene material. Units with light weight, small size, low noise, corrosion resistant non-toxic, high vacuum, display cement, reasonable structure and reliable in operation. Installation and maintenance is easy. Widely used in the chemical industry, medicine, textile, food, brewing, metals, light industry, environmental protection and other industries to absorb the vacuum, vacuum filtration, crystal Vacuum, vacuum concentration, vacuum drying, vacuum transport, vacuum deodorizer, direct air Deaerator, vacuum aerobic various crafts, the plant will provide complete sets of vertical unit. The user can choose the plant's production of corrosion-resistant pumps, check valves, check valves, ball valve, pipeline Series products.

零件材质表 PART MATERIAL TABLE

件号 No.	名称 Name	件号 No.	名称 Name
1	尾管 liner	9	离心泵 Centrifugal pump
2	短管 Short tube	10	电机 Motor
3	喷射泵体 Jet pump	11	止回阀 Check valve
4	真空表 Vacuum table	12	弯头管件 Elbow pipe fittings
5	球阀 Ball valve	13	水箱 Water tanks
6	弯头管件 Elbow pipe fittings	14	球阀 Ball valve
7	真空罐 Vacuum tank	15	三通管件 Tee-fitting
8	球阀 Ball valve	16	弯头管件 Elbow pipe fittings

PUMP TYPE
型号说明



FRPP - 80 - 500 型 Type



成套型号规格及技术参数 WHOLE SET TYPE TECHNICAL PARAMETERS AND SPECIFICATIONS

型号 Type	极限真空度 Mpa the limit vacuum degree	保证真空度 Mpa the pledge vacuum degree	最大抽气值 (m³/h) The maximum suction volume	配套离心泵功率 (kw) necessary centrifugal pump power	配套升降式止回阀规格尺寸	卧式机组外型尺寸长 X 宽 X 高 mm Horizontal set figuration size long*breadth*height	备注 remark
FRPP-25-20	0.0985	0.098	20	40FP-18(1.5)	DN40	800x600x800	注: 极限真空度是根据当地当时的大气压 X 本技术参数的保证真空度。 Attention: Terminal vacuum is according to local atmosphere*technology parameter ensure vacuum degree.
FRPP-54-90	0.098	0.097	90	65FP-28(4)	DN40	1500x1000x1200	
FRPP-54-110	0.0985	0.0975	110	80FP(D)-30(5.5)	DN50	1500x1000x1200	
FRPP-54-180	0.0993	0.098	180	80FP(D)-30(5.5)	DN50	1800x1000x1250	
FRPP-54-220	0.0996	0.0984	220	80FP(D)-32(7.5)	DN50	1800x1000x1300	
FRPP-65-280	0.0993	0.098	280	80FP(D)-32(7.5)	DN65	1900x1000x1300	
FRPP-65-360	0.0995	0.098	360	100FP(D)-32(11)	DN65	2000x1200x1300	
FRPP-80-500	0.0995	0.098	500	100FP(D)-32(15)	DN80	2500x1200x1500	
蒸汽喷射泵 Steam spray pump	0.1	0.0996	同上 Idem	汽水串联于 180、280、360 配套, 耗气量 40kg/h 工作气压 0.3Mpa Aerated water series connection equip with 180,280,360,exhausting volumeis 40kg/h working pressure is 0.3Mpa.			

离心泵 CENTRIFUGAL PUMP

自吸泵 SELF-PRIMING PUMP

喷射泵 JET PUMP

真空机组 VACUUM PUMP UNITS SETS

离心泵 CENTRIFUGAL PUMP

自吸泵 SELF-PRIMING PUMP

喷射泵 JET PUMP

真空机组 VACUUM PUMP UNITS SETS

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Calcium Carbonate 碳酸钙	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80	A	A	A	A	A	A	A
		100		B	A	A	A	A	
Calcium Chlorate 氯酸钙	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80	A	A	A	A	A	A	
		100			B	A	A		
Calcium Hydroxide 氢氧化钙	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	A	A	A	A	A
		100			B	A	A	A	
Calcium Hypochlorite 次氯酸钙	饱和 Gathers full	20	A	A	A	A	A	A	B
		40	A	A	A	A	A	A	
		60	B	B	B	A	A	A	
		80			C	A	A		
		100				B	A		
Calcium Nitrate 硝酸钙	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Calcium Sulfate 硫酸钙	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Calcium Sulfide 硫化钙	饱和 Gathers full	20				A	A	A	A
		40				A	A	A	A
		60				A	A	A	A
		80				A	A	A	A
		100					A	A	
Caprylic Acid 辛酸	Pite	20				A	A		
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Carbon Dioxide 二氧化碳	湿 Wet	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	B
Carbon Dioxide 二氧化碳	干 Dry	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	B
Carbon Disulfide 二硫化碳	纯 Pure	20	C	C	X	A	A	A	X
		40	C	C			A	B	
		60	X	X			A	C	
		80					A	X	
		100					A		
Carbon Monoxide 一氧化碳	Gas	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Carbon Tetrachloride 四氯化碳	纯 Pure	20	C	C	X	A	A	B	X
		40	X	X		A	A		
		60				A	A		
		80					A		
		100					A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Carbonic Acid 碳酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	B	A	A	A	A
		100			B	B	A	A	B
Caustic Potash 苛性钾	25	20	A	A	A	A	A	X	A
		40	A	A	A	A	A		A
		60	A	A	A	B	A		A
		80		B	A	C	A		A
		100				B	X	A	B
Chloric Acid 氯酸	20	20	A			A	A		
		40	A			A	A		
		60	B			A	A		
		80					A		
		100							
Chlorine Dioxide 二氧化氯	纯 Pure	20	A	A	C	A	A	X	
		40	B	B	X	A	A		
		60	B	B		A	A		
		80							
		100							
Chlorine Gas 氯气	湿 Wet	20	A	A	X	A	A	X	X
		40	B	A		A	A		
		60	B	B		A	A		
		80		C		A	A		
		100		X		A	A		
Chlorine Gas 氯气	干 Dry	20	A	A	C	A	A	B	B
		40	A	A		A	A		
		60	A	A		A	A		
		80		B		A	A		
		100				A	A		
Chlorine Water 氯水	400	20	A	A	C	A	A	C	B
		40	A	A	X	A	A	X	C
		60	B	B		A	A		
		80				A	A		
		100				A	A		
Chlorobenzene 氯苯	纯 Pure	20			B	A	A	A	X
		40			C	A	A		
		60				B	A		
		80				C	A		
		100				C	A		
Chloroform 三氯甲烷	纯 Pure	20	X	X	B	A	A	B	X
		40			X	A	A		
		60				B	A		
		80				C	A		
		100				C	A		
Chloro-Sulfonic Acid 氯磺酸	纯 Pure	20	X	X	X	C	A	X	X
		40				X	A		
		60					A		
		80					A		
		100					A		
Chromic Acid 铬酸	20	20	A	A	X	A	A	B	B
		40	A	A		A	A	B	X
		60	B	A		A	A	B	
		80		B		A	A	C	
		100				A	A	X	
Copper Cyanide 氰化铜	饱和 Gathers full	20	A	A	A	A	A		
		40			A	A	A		
		60			A	A	A		
		80			B	A	A		
		100				B	A		
Copper Fluoride 氟化铜	饱和 Gathers full	20	A	A	A	A	A		
		40	A	A	A	A	A		
		60	B	B	B	A	A		
		80				A	A		
		100				A	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Copper Nitrate 硝酸铜	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	B	A	A	A	A	A
		80			B	A	A	A	A
		100				A	A	A	
Copper Sulfate 硫酸铜	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	B
Cupric Fluoride 氟化铜	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80			B	A	A		
		100				A	A		
Cupric Sulfate 硫酸铜	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100		A		A	A	A	B
Cuprous Chloride 氯化亚铜	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100		B		A	A	A	B
Cyclohexanone 环己酮	纯 Pure	20	X	X	B	B	A	X	C
		40			C	C	A		
		60			X	C	A		
		80				X	A		
		100					A		
Dibutyl Benzene 二氯苯	纯 Pure	20				A	A	B	X
		40				A	A		
		60				A	A		
		80				B	A		
		100				C	A		
Dichloroethylene 二氯乙烯	纯 Pure	20				A	A	A	X
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Epsom Salt 泻盐	饱和 Gathers full	20				A	A	A	A
		40				A	A	A	A
		60				A	A	A	A
		80				A	A	A	A
		100					A		
Ethyl Acetate 乙酸乙酯	纯 Pure	20				B	B	A	
		40				B	B	A	
		60				C	C	A	
		80				X	A		
		100					A		
Ethyl Alcohol 乙醇	纯 Pure	20	A	A	A	A	A	A	A
		40	A	B	A	A	A	A	A
		60	B	B	B	A	A	A	A
		80		C	B	A	A	A	A
		100				A	A		
Ethyl Benzene 乙苯	饱和 Gathers full	20				A	A	A	X
		40				A	A		
		60				A	A		
		80					A		
		100					A		
Ethyl Chloride 氯乙烷	饱和 Gathers full	20				C	A	A	A
		40				X	A	A	A
		60					A	A	A
		80					A	A	B
		100					A	A	

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Ethyl Formate 甲酸乙酯	纯 Pure	20						X	B
		40							
		60							
		80							
		100							
Ethylene Glycol 乙二醇	纯 Pure	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	B	B	A	A	A
		100					C	A	B
Ferrous Acids 脂肪酸	饱和 Gathers full	20	A	B	A	A	A	A	X
		40	A	B	B	A	A		
		60	A	B	B	A	A		
		80			C	A	A		
		100				A	A		
Ferrous Chloride 氯化亚铁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100		B	B	A	A	B	B
Ferric Hydroxide 氢氧化铁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A		
Ferric Nitrate 硝酸铁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	B	A	A	A	A
		100				A	A	A	
Ferric Sulfate 硫酸铁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A	A	A
		100				A	A		
Ferric Chloride 氯化铁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	B	

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Fluoric Acid 氢氟酸	50	20	B	A	A	A	A	A	A
		40	B	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		B	B	A	A	A	B
		100				A	A	A	B
Formaldehyde 甲醛	35	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	C	A	A	B	A	A	A
		80		A	A	X	A	A	A
		100					A		
Formic Acid 甲酸	90	20	A	A	A	A	A	X	A
		40	B	B	B	A	A		A
		60	X	X	X	A	A		A
		80				A	A		A
		100				B	A		B
Glycerol (Glycerine) 三元醇	Pure	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80			A	A	A	A	A
		100				A	A	A	A
Glycolic Acid 乙醇酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40			A	B	A		
		60			A	C	A		
		80				X	A		
		100					A		
Grape Sugar 葡萄糖		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A	A	A
		100				A	A	A	A
Hexane 己烷		20	A		B	A	A	A	X
		40	B		B	A	A		
		60			C	A	A		
		80				A	A		
		100				A	A		
Hexyl Alcohol 己醇	Pure	20	A				A	A	B
		40	A				A	A	B
		60	B				A	A	C
		80					A	A	X
		100					A	A	
Hydrobromic Acid 氢溴酸	50	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A		
		80		B	A	A	A		
		100				A	A		
Hydrochloric Acid 盐酸	25	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	X	B
		100				A	A		
Hydrochloric Acid 盐酸	25	20	A	A	A	A	A	B	B
		40	A	A	A	A	A	B	B
		60	B	A	A	A	A	X	X
		80		B	B	A	A		
		100				B	A		
Hydrochloric Acid 盐酸	38	20	A	A	A	A	A	B	C
		40	A	A	A	A	A	B	C
		60	B	B	A	A	A	X	X
		80		B	B	A	B		
		100				B	B		
Hydrocyanic Acid 氢氰酸		20	A	A	A	A	A	B	B
		40	A	A	A	A	A		
		60	A	A	A	A	A		
		80				A	A		
		100				A	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Hydro-fluoric Acid 氢氟酸	稀释 Dilution	20	A	A	A	A	A	A	A
		40	A	B	B	A	A	A	A
		60	C	B	B	A	A	A	A
		80		C	B	A	A	A	A
		100				A	A	A	A
Hydro-fluoric Acid 氢氟酸	30	20	A	A	A	A	A	A	A
		40	B	B	B	A	A	A	A
		60	C	C	B	A	A	A	A
		80	X	X	B	A	A	A	B
		100				A	A	A	X
Hydro-fluoric Acid 氢氟酸	20	20	B	B	A	A	A	A	A
		40	C	C	B	A	A	A	B
		60	X	X	B	A	A	A	C
		80			B	A	A	A	X
		100				A	A	B	
Hydro-fluoric Acid 氢氟酸	50	20	B	B	A	A	A	A	A
		40	C	X	B	A	A	A	A
		60	X		B	A	A	A	B
		80			B	A	A	A	C
		100				A	A	B	X
Hydrogen 氢		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A		
		100				B	A		
氯化氢 Hydrogen Fluoride Anhydrous 无水的		20				A	A	X	B
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A	A	A
Hydrogen Peroxide 过氧化氢	5	20	A	X					
		40	A		A	A	A	A	B
		60	B		A	A	A	A	B
		80			B	A	A	A	C
		100				A	A		
Hydrogen Peroxide 过氧化氢	50	20	B	X	C	A	A	A	C
		40	C		X	A	A	B	
		60				A	A		
		80				A	A		
		100				A	A		
Hydrogen Peroxide 过氧化氢	90	20				A	A	A	X
		40					A		
		60					A		
		80					A		
		100					A		
Hydrogen Sulfide 硫化氢	干 Dry	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	B
		100		B	A	A	A		B
硫化氢 Hydrogen Sulfide Aqueous 含水的	10	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	B	A
		80		A	A	A	A		A
		100		B	B	A	A		B
Hypochlorous Acid 次氯酸		20	A	A	A	A	A	A	A
		40	A	A	B	A	A	B	B
		60	A	A	B	A	A		
		80		B		A	A		
		100				A	A		
Iodine 碘		20	B	B	A	A	A	B	X
		40	C	B	A	A	A		
		60		C	A	A	A		
		80			A	A	A		
		100				A	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Iodine Solution 液碘	10	20	A			A	A		
		40	A			A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Lactic Acid 乳酸	80	20	A	A	A	A	A	A	A
		40	B	A	A	A	A	A	A
		60	B	B	A	A	A	A	A
		80			B	A	A	A	A
		100				A	A	B	B
Lactic Acid 乳酸		20				A	A		
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Lead Chloride 氯化铅		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A	A	A
		100				A	A	A	A
Lead Nitrate 硝酸铅	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	A
Lead Sulfate 硫酸铅	纯 Pure	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	A
Lithium Bromide 溴化锂	60	20	A			A	A	A	
		40	A			A	A	A	
		60	A			A	A	A	
		80				A	A	A	
		100				A	A	A	
Magnesium Carbonate 碳酸镁		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	A	A	A	A	A
		100				A	A	A	A
Magnesium Chloride 氯化镁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	B	B
Magnesium Citrate 柠檬酸镁		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	A
Magnesium Hydroxide 氢氧化镁	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	A
Magnesium Nitrate 硝酸镁		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	B	A	A	A	A
		100				A	A	A	A
Maleic Chloride 氯化汞		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80			A	A	A		
		100				A	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Mercuric Cyanide 氰化汞	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A		
		60	A	A	A	A	A		
		80		A	A	A	A		
		100				A	A		
Mercurous Nitrate 硝酸汞	饱和 Gathers full	20				A	A	A	A
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Mercury 汞		20	A	A	A	A	A	A	A
		40	A	A	A	A	A		
		60	A	A	A	A	A		
		80		A	A	A	A		
		100				A	A		
Methane 甲烷		20				A	A	A	A
		40				A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Methyl Alcohol 甲醇	纯 Pure	20	A	A	A	A	A	B	A
		40	B	B	A	A	A	B	A
		60	B	B	A	A	A	C	A
		80			B	A	A	C	B
		100				A	A	C	
Methyl Chloride 氯甲烷		20				A	A	X	B
		40				A	A		
		60				A	A		
		80				A			
		100				A			
Monochloroacetic acid 氯醋酸	50	20	A	A	B	A	A	B	C
		40	B	B	B	A	A	X	
		60	B	B	X	B	A		
		80				B	A		
		100				C	A		
Monochlorobenzene 氯苯		20			B	A	A	A	X
		40			C	A	A		
		60				B	A		
		80							

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPDM
Sodium Bichromate 重铬酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B		A	A	A	A
		100				A	A	A	
Sodium Bisulfite 亚硫酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B		A	A	A	A
		100				A	A	A	B
Sodium Borate 四硼酸钠	饱和 Gathers full	20			A	A	A	A	A
		40			A	A	A	A	A
		60			A	A	A	A	A
		80			A	A	A	A	A
		100			A	A	A		
Sodium Bromide 溴化钠	饱和 Gathers full	20	A	A	A	A	A		
		40	A	A	A	A	A		
		60	A	A	A	A	A		
		80		A	A	A	A		
		100				A	A		
Sodium Carbonate 碳酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Sodium Chlorate 氯酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A		
		80		B	B	A	A		
		100				A	A		
Sodium Chloride 氯化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A		
Sodium Chlorite 亚氯酸钠	25	20	X	X	X	B	B	X	X
		40				C	B		
		60				X	B		
		80					B		
		100					B		
Sodium Cyanide (Solution) 溶液 氰化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	B	A	A	A	A
		100				A	A	B	B
Sodium Ferricyanide 铁氰化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		B	B	A	A		
		100				A	A		
Sodium Ferrocyanide 亚铁氰化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		B	B	A	A		
		100				A	A		
Sodium Fluoride 氟化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A		
		100				A	A		
Sodium Hydroxide 氢氧化钠	15	20	A	A	A	A	A	C	A
		40	A	A	A	A	A	C	A
		60	A	A	A	B	A	X	A
		80		B	B	C	A		B
		100				X	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPDM
Sodium Hydroxide 氢氧化钠	30	20	A	A	A	A	A	C	A
		40	A	A	A	A	A	X	A
		60	A	A	A	B	A		A
		80		B		C	A		A
		100				X	A		B
Sodium Hydroxide 氢氧化钠	50	20	A	A	A	A	A	X	A
		40	A	A	A	B	A		A
		60		A	A	C	A		A
		80		B		X	A		A
		100			B		A		B
Sodium Hydroxide 氢氧化钠	70	20			B	A	A	X	A
		40			B	B	A		
		60			B	C	A		
		80			B	X	A		
		100					A		
Sodium Hypochlorite 次氯酸钠	13	20	A	A	B	A	A	X	X
		40	A	A	B	A	A		
		60	B	B	C	B	A		
		80					A		
		100					A		
Sodium Metasilicate 矽酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100		B	B	A	A	A	B
Sodium Nitrate 硝酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Sodium Nitrite 亚硝酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		B	A	A	A	A	A
		100				A	A	A	
Sodium Percarbonate 过碳酸钠	25	20	A	A	A	A	A		
		40	A	A	A	A	A		
		60	B	A	A	A	A		
		80		B	B	A	A		
		100				A	A		
Sodium Peroxide 过氧化钠	饱和 Gathers full	20	A	A	A	A	A		
		40	A	A	A	A	A		
		60	B	A	A	A	A		
		80		B	B	A	A		
		100				A	A		
Sodium phosphate 酸性磷酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B		A	A	A	A
		100				A	A	B	
Sodium phosphate 碱性磷酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	
Sodium phosphate 中性磷酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	A	A	A	A	A
		100				A	A	B	
Sodium Sulfate 硫酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	A	A
		100				A	A	A	

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPDM
Sodium Sulfide 硫化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80				A	A	A	A
		100				A	A	B	
Sodium Thiocyanate 硫氰化钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A	A	
		100				A	A		
Sodium Thiosulfate 硫代硫酸钠	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	A	A	A	A	A
		100				A	A	A	B
Stannous Chloride (TinII Chloride) 氯化亚锡	饱和 Gathers full	20	A	A	A	A	A		B
		40	A	A	A	A	A		B
		60	A	A	A	A	A		
		80		B	B	A	A		
		100				A	A		
Stearic Acid 十八酸	饱和 Gathers full	20	A	A	B	A	A	A	X
		40	A	A	B	A	A	A	
		60	B	A	B	A	A	B	
		80		B	C	A	A	C	
		100				A	A		
Succinic Acid 丁二酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A		
		60	A	A	A	A	A		
		80		B	B	A	A		
		100				A	A		
Sulfite Liquor 亚硫酸盐发液	6	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A		
		100				A	A		
Sulfur 硫磺	饱和 Gathers full	20	A	A	A	A	A	A	C
		40	A	A		A	A		
		60	B	A		A	A		
		80		B		A	A		
		100				A	A		
Sulfur Dioxide 二氧化硫	干 Dry	20	A	A	A	A	A	A	A
		40	A	A	A	A	A		
		60	B	A	A	A	A		
		80		A	A	A	A		
		100				A	A		
Sulfur Dioxide 二氧化硫	湿 Wet	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	A	A	A	A	A	A
		80		B	B	A	A		
		100				A	A		
Sulfuric Acid 硫酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	B	A	A	A	B
		100				A	A	B	X
Sulfuric Acid 硫酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	B
		80		A	B	A	A	A	B
		100				A	A	B	C
Sulfuric Acid 硫酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	B	B	A	A	A	B
		80		C	B	A	A	B	C
		100				B	A	C	

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPDM
Sulfuric Acid 硫酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	B	A	A	A	A	A	B
		60		B	B	B	A	A	B
		80			C	B	A	A	X
		100					B	B	B
Sulfuric Acid 硫酸	饱和 Gathers full	20	A	A	C	A	A	A	X
		40	B	B		A	A	C	
		60	C	C		A	B	C	
		80				B	B		
		100				C	B		
Sulfurous Acid 亚硫酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		B	A	A	A	B	A
		100		C	B	A	A	C	B
Tartaric Acid (Dioxysuccinic Acid) 酒石酸	饱和 Gathers full	20	A	A	A	A	A	A	A
		40	A	A	A	A	A		
		60	B	B	B	A	A		
		80		B	C				

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Water (Sewage Water) 污水		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80							
		100							
White Liquor 烧酒		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	B	B	B	A	A		
		80				A	A		
		100				A	A		
Zinc Chloride 氯化锌		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A		
		100				A	A		
Zinc Nitrate 硝酸锌		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A		
		100				A	A		
Zinc Sulfate 硫酸锌		20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80				A	A		
		100				A	A		
Hydrochloric Acid 3-Chloropropene 3-氯丙烯	36 12 PPM	20	B	B	B	A	A	B	B
		40	B	B	B	A	A	B	B
		60				A	A	B	C
		80				A	A	B	
		100				B	A	C	
Hydrochloric Acid Benzene 苯	36 54 PPM	20	B	B	B	A	A	B	B
		40	B	B	B	A	A	B	B
		60	B	B	B	A	A	B	C
		80				B	A	B	
		100				B	A	C	
Hydrochloric Acid Chlorobenzene 氯苯	18 490 PPM	20	A	A	A	A	A	B	B
		40	B	B	B	A	A	B	C
		60	B	B	B	A	A	B	
		80				B	A	C	
		100				A	A		
Hydrochloric Chlorobenzene 氯苯	36 890 PPM	20	B	C	B	A	A	B	C
		40	B		B	A	A	B	C
		60				A	A	C	
		80				A	A		
		100				B	A		
Hydrofluoric Acid Chromium Sulfate Sodium Silicofluoride 氟矽化钠	200g/1 1g/1 12g/1	20	A	A	X	A	A	X	X
		40	B	B		A	A		
		60	B	B		A	A		
		80				B	A		
		100				A	A		
Hydrofluoric Acid Sodium Silicofluoride Oxalic Acid 草酸	350g/1 17g/1 1g/1	20	A	A	X	A	A	X	X
		40	B	B		A	A		
		60	C	C		A	A		
		80				A	A		
		100				A	B		
Hydrochloric Acid ferrous Chloride 氯化亚铁	25 28	20				A	A		A
		40				A	A		A
		60				A	A		A
		80				A	A		B
		100				A	A		
Hydrochloric Acid hydrot- luoric Acid 氢氟酸	10 15	20	A	A		A	A		
		40	B	B		A	A		
		60	B	B		A	A		
		80	X	X		A	A		
		100				B	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Hydrochloric Acid hydro-fluoric Acid 氢氟酸	18 20	20	A	A		A	A		
		40	B	B		A	A		
		60	B	B		A	A		
		80				A	A		
		100		X		B	B		
Hydrochloric Acid Nitric Acid 硝酸	20 50	20	A	A	B	A	A	A	B
		40	A	A	C	A	A	B	
		60	B	B	X	A	A		
		80		C		A	A		
		100				A	A		
Hydrochloric Acid ortho-chloro-phenal	36 170 PPM	20	B	B	B	A	A	B	B
		40	B	B	B	A	A	B	B
		60	B	B	B	A	A	B	C
		80				A	A	B	
		100				B	A	C	
Hydrochloric Acid Sulfuric Acid	36 98	20	B	B	X	A	A	X	X
		40	X	X		A	A		
		60				A	A		
		80				B	A		
		100				C	A		
Hydrochloric Acid Sulfuric Acid	20 5	20	A	A	A	A	A	A	A
		40	A	B	A	A	A	A	A
		60	B	B	A	A	A	A	A
		80		B	B	A	A	A	B
		100				A	A		
Hydrochloric Acid Sulfuric Acid	36 98	20	A	A	A	A	A	X	X
		40	A	A	A	A	A		
		60	B	B	B	A	A		
		80		B	B	A	A		
		100				A	A		
Hydrochloric Acid Ammonium Fluoride 氟化铵	250g/1 8g/1	20	A	A	X	A	A	X	X
		40	A	A		A	A		
		60	B	B		A	A		
		80		C		A	A		
		100				A	A		
Hydrochloric Acid Ferric Chloride 氯化铁	25 28	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	A
		60	A	A	A	A	A	A	A
		80		A	A	A	A	B	B
		100		B	B	A	A	C	C
Hydrochloric Acid Ferric Chloride 氯化铁	20 28	20				A	A	A	A
		40				A	A	A	A
		60				A	A	A	A
		80				A	A	B	B
		100				A	A	C	C
Nitric Acid Hydrofluoric Acid 氢氟酸	15 3	20	A	A	A	A	A		
		40	A	A	A	A	A		
		60	B	B	B	A	A		
		80	X	X		A	A		
		100	X	X		A	A		
Nitric Acid Hydrofluoric Acid 氢氟酸	15 5	20	A	A	A	A	A	A	A
		40	A	A	A	A	A	A	B
		60	B	C	X	A	A	B	
		80	X	X		A	A	B	
		100				A	A	C	
Nitric Acid Hydrofluoric Acid 氢氟酸	15 10	20	A	B	B	A	A		
		40	B	C	B	A	A		
		60	B	C		A	A		
		80	X	X		A	A		
		100				B	A		
Nitric Acid Hydrofluoric Acid 氢氟酸	15 15	20	A	B	B	A	A		
		40	B	C	B	A	A		
		60	B	C		A	A		
		80	X	X		A	A		
		100				B	A		

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD
Nitric Acid Hydrofluoric Acid 氢氟酸	5 20	20	A	A		A	A		
		40	B	B		A	A		
		60	B	B		A	A		
		80	X	B		A	A		
		100		X		B	A		
Nitric Acid Sulfuric Acid	50 100g 50 100g	20	B	B	B	A	A		
		40	X	X	X	A	A		
		60				A	A		
		80				A	A		
		100				A	A		
Sulfuric Acid Chromic Acid 铬酸	2 1	20	A	A	B	A	A	A	
		40	B	A	C	A	A	B	
		60	B	B	X	A	A	C	
		80		C		A	A	X	
		100				A	A		
Sulfuric Acid Chromic Acid 铬酸	10 10	20	A	B	X	A	A	B	C
		40	B	B		A	A	B	
		60	C	X		A	A	C	
		80				A	A		
		100				A	A		
Sulfuric Acid Chromic Acid 铬酸	10 15	20	A	B	X	A	A	B	C
		40	B	B		A	A	C	
		60	C	X		A	A	X	
		80				A	A		
		100				A	A		
Sulfuric Acid Chromic Acid 铬酸	4g/1 400g/1	20	A	B	X	A	A	X	X
		40	B	B		A	A		
		60	B	B		A	A		
		80		C		A	A		
		100				A	A		
Sulfuric Acid Chromic Acid Phosphoric 磷酸	15 parts 5 80	20	A	A	X	A	A	A	B
		40	A	A		A	A	A	B
		60	B	A		A	A	B	C
		80		B		A	A	C	X
		100				A	A	X	
Sulfuric Acid Chromic Acid Water 水	2 parts 10 80	20	A	A	X	A	A	A	X
		40	A	A		A	A	B	X
		60	B	B		A	A	C	
		80		B		A	A	X	
		100				A	A		
Sulfuric Acid Sodium Silicofluoride 氟矽化钠	0.7 250 1	20	A	A	X	A	A	X	X
		40	A	A		A	A		
		60	B	B		A	A		
		80		B		A	A		
		100				A	A		
Sulfuric Acid Hydrofluoric Acid 氢氟酸	20 10	20	A	A	X	A	A	A	A
		40	B	B		A	A	B	B
		60	B	B		A	A	C	C
		80		C		A	A		
		100				A	A		
Sulfuric Acid Hydrofluoric Acid 氢氟酸	25 15	20	A	A	X	A	A		
		40	B	B		A	A		
		60	B	B		A	A		
		80	X	X		A	A		
		100				B	A		
Sulfuric Acid Nitric Acid Chlorine Gas 氯气	75 5 Little	20	A	A	B	A	A		
		40	A	A	B	A	A		
		60	B	B	C	A	A		
		80		B		A	A		
		100				A	A		
Sulfuric Acid Sulfurous Acid 亚硫酸	75 4	20	A	A	A	A	A	A	A
		40	A	A	B	A	A	B	A
		60	A	A	B	A	A	C	B
		80		B	B	A	A	X	C
		100				B	A		X

化学品	浓度%	温度°C	UPVC	CPVC	RPP	PVDF	PTFE	FPM	EPMD	
Sulfuric Acid Spelter Manganese Sulfate	150 80 2	20	A	A	A	A	A	A	A	
		40	A	A	A	A	A	A	A	
		60	A	A	A	A	A	A	A	
		80			B	B	A	A	B	B
		100					A	A	C	C
Sodium Sulfide Sulfuric Acid Formaldehyde	225 225 50	20	A	A	A	A	A	A	B	
		40	A	A	A	A	A	A	A	
		60		A	A	A	A	A	A	
		80		B	B	B	B	A	A	
		100					B	B	A	

