

# 镇江嘉利德管业有限公司

## PVDF 管材、管件 POLYVINYLIDENE FLUORIDE (PVDF) PIPE & FITTINGS



品名：嘉利德 PVDF 管，管件  
 Trade name: **Jalader® PVDF**

 改订：2017 年 10 月  
 Revision: 10.2017  
 Date of printing: 11.2017

Jalader® PVDF	
挤出成型 Moulding compound extruded	PVDF pipe
挤出成型模塑标准 Extruded to moulding compound standard	ISO 12086-1
密度 g/cm³ Density, g/cm³ DIN EN ISO 1183	1.78
弹性模量抗拉 MPa Tensile modulus of elasticity, MPa DIN EN ISO 527	1950
屈服张应力 MPa Yield stress, MPa DIN EN ISO 527	55
屈服伸长率 % Elongation at yield, % DIN EN ISO 527	8
冲击强度 kJ/m² Impact strength, kJ/m² DIN EN ISO 179-1eU	无休息 without break
缺口冲击强度 kJ/m² Notched impact strength, kJ/m² DIN EN ISO 179	12
介电强度 kV/mm Dielectric strength, kV/mm DIN IEC 60243-1	25
邵氏硬度 Shore hardness D (15 s) DIN EN ISO 868	78
热膨胀系数 Mean coefficient of linear thermal expansion, K-1 , ISO 11359-2	$1,3 \times 10^{-4}$
表面电阻率 Ohm Surface resistivity, Ohm DIN IEC 60093	$10^{14}$
温度范围 °C Temperature range, °C	-30 to +140
可燃性 Fire behaviour DIN 4102	V0-B1 易燃性低（未经测试的自我评估） DIN 4102 B1 low flammability (self-assessment without test certificate)
食品安全 Food compliance EU 10/2011	是 Yes

所有规格都被视为对特定材料的近似值，并可能因使用的加工方法不同而有所不同。

如需更详细的信息，请联系我们的技术服务中心：(+86) 187 2160 3344

All specifications are deemed to be approximate values in respect of the specific material and may vary depending on the processing methods used. For further information, please contact our Technical Service Centre at airsky0228@vip.qq.com.

## 聚偏二氟乙烯 PVDF PIPE FITTING



**PVDF 管材 PVDF Pipe**  
 DIN 8077/8078  
 Storage length:5m  
 (Special lengths on request)



**90° 弯头**  
**PVDF Bend c**  
 热熔承插式  
 for socket welding molded from  
 PVDF



**45° 弯头**  
**PVDF Bend**  
 热熔承插式  
 for socket welding molded from  
 PVDF



**PVDF 直接**  
**PVDF Socket Coupler**  
 热熔承插式  
 for socket welding  
 molded from PVDF



**PVDF 三通**  
**PVDF Socket tee**



**PVDF 管帽**  
**PVDF End Cap socketed**  
 elongated,for butt welding  
 molded from PVDF



**PPH 大小头**  
**PPH Reducer**  
 同心，加长  
 concentric,elongated for butt  
 welding  
 molded from PPH



**内丝 / 外丝接头**  
**PPH Adaptor**  
 热熔，丝扣连接  
 with female/male thread  
 for socket welding  
 molded from PPH



**PPH 法兰**  
**PPH Van Stone Flanges**  
 执行标准 :DIN 16962/16963  
 acc.DIN 16962/16963

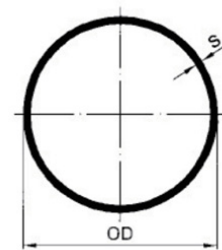
## PVDF PIPE

DIN 8077/8078

Storage length:5m

(Special lengths on request)

(特殊尺寸可按需定制)



Specs dimension list (Unit:mm)

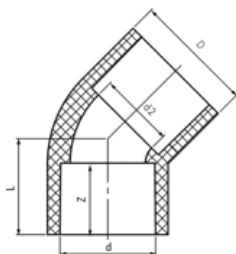
OD (mm)	LINER		SDR33 S16 PN 1.0 MPa		SDR21 S10 PN 1.6 Mpa		SDR17 S8 PN 2.0 MPa	
	S (mm)	W (kg/m)	S (mm)	W (kg/m)	S (mm)	W (kg/m)	S (mm)	W (kg/m)
- 16							1.5	0.14
1/2" 20							1.9	0.21
3/4" 25							1.9	0.27
1" 32	2.4	0.44					2.4	0.44
1.25" 40	2.4	0.55					2.4	0.55
1.5" 50	2.5	0.73					3.0	0.85
2" 63	2.5	0.93	2.5	0.93	3.0	1.09	3.6	1.29
2.5" 75	2.5	1.11	2.5	1.11	3.6	1.55	4.3	1.93
3" 90	2.8	1.48	2.8	1.48	4.3	2.22	5.1	2.60
4" 110	3.0	1.94	3.4	2.20	5.3	3.32	6.3	3.90
5" 125	3.0	2.21	3.9	2.84	6.0	4.24		
5" 140	3.0	2.49	4.3	3.52	6.7	5.31		
6" 160	3.0	2.85	4.9	4.54	7.7	6.96		
180	3.0	3.21	5.5	5.74	8.6	8.74		
200	3.0	3.58	6.2	7.19	9.6	10.83		
225	3.0	4.03	6.9	8.95	10.8	13.67		
250	3.0	4.48	7.7	11.09	11.9	16.76		
280	3.5	5.87	8.6	13.86	13.4	21.11		
315	4.0	7.47	9.7	17.55	15.0	26.51		
355	4.0	8.43	10.8	22.00				
400	5.0	11.81	12.2	28.03				
450	5.0	13.30	13.7	35.31				

注：压力等级为公斤 / 厘米

Note: Pressure Rating in Kg/cm

### PVDF 45° 弯头主要连接尺寸

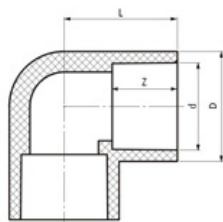
Elbow main connection dimension



公称通径 DN	d	Z	L	D	d2
15	20	16	21.8	28	16
20	25	19	25.5	32	20
25	32	22	30	40	27
32	40	26	36	50	34
40	50	31	44	61	44
50	63	38	54	75	57
65	75	44	61	88	72
80	90	51	70	106	87
100	110	61	85.5	127	106
125	140	76	107	161	136
150	160	86	122	184	154
200	225	119	171	260	218
250	280	110	154	300	270

### PVDF 90°弯头主要连接尺寸

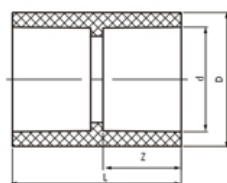
Elbow main connection dimension



公称通径 DN	d	Z	L	D
15	20	16	29	25
20	25	20	35	31
25	32	22	43	40
32	40	20	45	49
40	50	26	59	60
50	63	40	78	75
65	75	39	82	85
80	90	42	97	102
100	110	54	117	124
125	140	63	145	158
150	160	83	167	180
200	225	107	230	254
250	280	143	290	317
300	315	165	340	360

### PVDF 直通主要连接尺寸

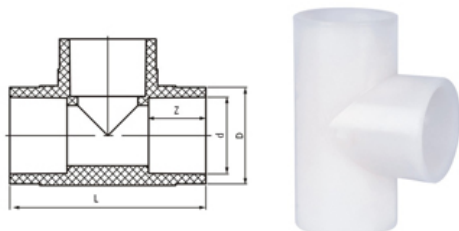
Two-way main connection dimension



公称通径 DN	d	Z	L	D
15	20	16	35	26
20	25	18	42	31
25	32	22	47	40
32	40	25	54	49
40	50	31	64	60
50	63	35	77	73
65	75	41	90	86
80	90	51	106	104
100	110	60	124	124
125	140	75	160	156
150	160	84	178	178
200	225	120	245	255
250	280	145	308	315
300	315	160	338	358

### PVDF 三通主要连接尺寸

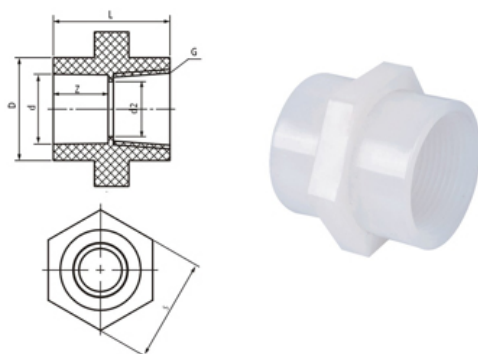
Three way main connection dimension



公称通径 DN	d	Z	L	D
15	20	16	56	28
20	25	19	66	33
25	32	22	87	41
32	40	26	104	51
40	50	32	126	61
50	63	42	157	74
65	75	42	173	89
80	90	42	188	104
100	110	54	227	128
125	140	58	292	160
150	160	83	332	184
200	225	110	464	253
250	280	145	585	318
300	315	160	660	360

### PVDF 内螺纹接头主要连接尺寸

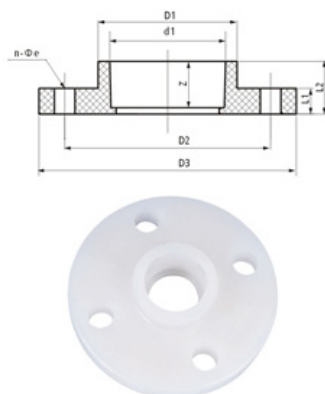
Female couplang adapter main connection dimension



公称通径 DN	d	D	Z	L	G	S	d2
15	20	30	16	35	Rc1/2	39	16
20	25	33	19	41	Rc3/4	44	18
25	32	40	22	47	Rc1	48.6	27
32	40	50	26	53	Rc1 1/4	58	34
40	50	61	31	61	Rc1 1/2	69	44
50	63	75	38	68	Rc2	81.5	56

### PVDF 承插法兰主要连接尺寸

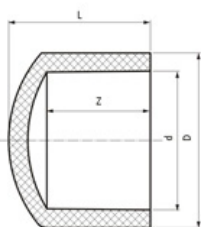
Flange main connection dimension



公称通径 DN	d1	D2	D3	Z	D1	L1	L2	n-Φe
15	20	65	96	20	30	13	25	4-Φ13
20	25	75	105	22	35	13	25	4-Φ13
25	32	85	115	21	46	15	25	4-Φ14
32	40	100	135	22	53	15	25	4-Φ19
40	50	110	145	32	63	17	37	4-Φ18
50	63	125	160	30	76	18	35	4-Φ18
65	75	145	180	35	93	20	41	4-Φ18
80	90	160	196	37	110	20	41	8-Φ19
100	110	180	216	46	130	20	55	8-Φ18
125	140	210	246	54	161	22	61	8-Φ18
150	160	240	280	55	180	21	63	8-Φ23
200	225	295	336	60	250	29	68	8-Φ23
250	280	350	407	75	306	30	84	12-Φ23
300	315	400	448	85	345	40	100	12-Φ23

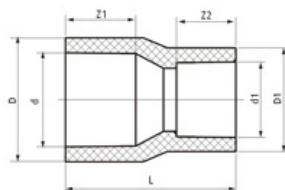


PVDF 管帽主要连接尺寸  
Pipe cap main connection dimension



公称通径 DN	d	Z	L	D
15	20	16	23	28
20	25	19	26	32
25	32	22	30	41
32	40	26	35	51
40	50	31	43	63
50	63	38	54	79
65	75	44	65	92
80	90	51	78	110
100	110	61	85	132
125	140	76	105	162
150	160	86	116	183

PVDF 大小头外形尺寸表  
Reducing reducer main connection dimension



公称通径 DN	D	D1	d	d1	L	Z1	Z2
DN20×15	33.5	28	25	20	46	19	16
DN25×20	40.5	33	32	25	55	22	19
DN32×25	50.5	40	40	32	68	26	22
DN40×25	63	40	50	32	74.5	31	22
DN40×32	63	50	50	40	80.5	31	29
DN50×25	75	44	63	32	82	38	22
DN50×32	75	50	63	40	89	38	26
DN50×40	75	62	63	50	93	38	31
DN65×32	90	50	75	40	98	44	26
DN65×40	90	62	75	50	104	44	31
DN65×50	90	75	75	63	110	44	38
DN80×40	104	62	90	50	107	51	31
DN80×50	104	75	90	63	115	51	38
DN80×65	104	88	90	75	126	51	44
DN100×50	126	75	110	63	138	61	38
DN100×65	126	90	110	75	140	61	44
DN100×80	126	106	110	90	150	61	51
DN125×80	161	106	140	90	168	76	51
DN125×100	161	126	140	110	182	76	66
DN150×80	182	106	160	90	175	86	51
DN150×100	182	126	160	110	188	86	64
DN150×125	182	162	160	140	210	86	76
DN200×80	248	106	225	90	210	110	66
DN200×100	248	126	225	110	220	111	70
DN200×150	248	182	225	160	258	119	86
DN250×200	300	248	280	225	240	110	90
DN300×250	344	300	315	280	260	120	110

