

Asian Valve Co., Ltd



HP-PP/PP
Piping System

Asian Valve's Vision

Setting the standard for superior craftsmanship in plastic pipes, fittings and valves, we prioritize excellence and user satisfaction.

ABOUT ASIAN VALVE

Asian Valve began crafting the brand's remarkable legacy since 1983. Its rare and esteemed craftsmanship, passed down through generations, has laid the foundation for Asian Valve tradition in excellent manufacturing. As a family-owned enterprise, Asian Valve epitomizes independence, craftsmanship, creativity, innovation, and responsibility. The founder's visionary perspective and unwavering commitment to progress have sustained the brand's leadership in the industry to this day.



Our product portfolio spans industrial-grade UPVC, CPVC, CLEAR PVC, alongside PPH and PVDF materials meeting both industrial and high-purity standards. These solutions have become essential components in modern infrastructure, demonstrating their critical role in daily life. Aligned with our pursuit of technological innovation, we proudly launched HP-PP (High-Purity Polypropylene) pipes, fittings, and valves in 2024. These advanced products have been successfully implemented in ultrapure water systems for semiconductor manufacturing, positioning Asian Valve as the premier provider of state-of-the-art piping systems. This milestone cements our undisputed leadership in next-generation pipeline technologies for mission-critical applications.



MILESTONES



ASIA

1983

Established
Asian Valve

**2003**

Developed
polypropylene
piping system

**2022**

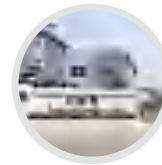
Developed HP PVDF
high purity piping
system

**2024**

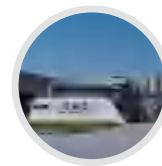
HP PVDF pipes and
fittings FM 4910
specification tested

**2002**

Established the
first factory in
Kunshan

**2021**

Established the
second factory
in Kunshan

**2023**

Established the
third factory in
Kunshan

**2024**

Established the
fourth factory in
Kunshan Developed
HP PP high purity
piping system

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■ HP-PP/PIPE

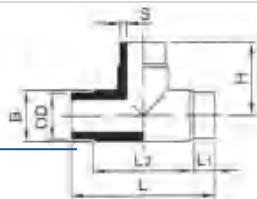
Butt Welding Type



OD (mm)	SDR17.6 S8.3 PN6		SDR11 S5 PN10	
	S (mm)	Weight (kg/m)	S (mm)	Weight (kg/m)
10	—	—	—	—
12	—	—	—	—
16	—	—	—	—
20	1.8	0.10	1.9	0.14
25	1.8	0.13	2.3	0.19
32	1.8	0.18	2.9	0.27
40	2.3	0.27	3.7	0.41
50	2.9	0.42	4.6	0.64
63	3.6	0.66	5.8	1.0
75	4.3	0.94	6.8	1.4
90	5.1	1.3	8.2	2.0
110	6.3	2.0	10.0	3.0
125	7.1	2.6	11.4	3.9
140	8.0	3.2	12.7	4.9
160	9.1	4.2	14.6	6.4
180	10.2	5.2	16.4	8.1
200	11.4	6.5	18.2	9.9
225	12.8	8.2	20.5	12.6
250	14.2	10.1	22.7	15.5
280	15.9	12.6	25.4	19.5
315	17.9	16.0	28.6	24.5
355	20.1	20.3	32.2	31.2
400	22.7	25.7	36.3	39.7
450	25.5	32.5	40.9	50.2
500	28.4	40.1	45.5	62.0
560	31.7	50.3	50.9	80.8
630	35.7	63.7	57.2	102.2

■ HP-PP TEE

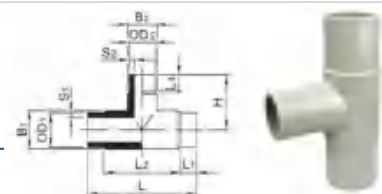
Butt Welding Type



OD (mm)	H (mm)	L (mm)	L ₁ (mm)	L ₂ (mm)	B (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
						S (mm)	S (mm)
20	51.5	108.7	36.5	34.5	20.5	1.8	1.9
25	58.5	115.6	39.5	35.5	25.0	1.8	2.3
32	71.5	141.9	44.0	52.0	31.5	1.9	2.9
40	83.6	167.3	51.5	64.5	40.5	2.3	3.7
50	95.4	189.4	57.4	74.4	51.2	2.9	4.6
63	113.5	226.5	66.0	96.0	63.5	3.6	5.8
75	129.2	257.5	71.0	117.0	75.4	4.3	6.8
90	144.0	288.0	81.0	125.5	89.5	5.1	8.2
110	158.0	317.5	85.4	146.5	113.5	6.3	10.0
110	110	221	43	135	112	6.3	10.0
125	119.5	239.0	35.0	169.0	133.0	7.1	11.4
140	186.4	377.5	88.5	198.5	139.4	8.0	12.7
140	190.0	377.0	88.0	200		8.0	12.7
160	204.0	403.5	86.3	226.5	168.5	9.1	14.6
180	158.5	317.0	35.0	247.0	190.0	10.2	16.4
200	168.0	336.0	35.0	266.0	210.0	11.4	18.2
225	220.0	442.0	61.5	318.5	238.0	12.8	20.5
250	209.0	418.0	45.0	328.0	262.0	14.2	22.7
280	320.0	630.0	108.0	305.0	295.0	15.9	25.4
315	351.0	700.0	169.0	450.0	328.5	17.9	28.6
355	343.0	683.0	146.0	374.0	371.5	20.1	32.2

HP-PP REDUCER TEE

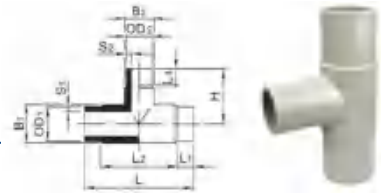
Butt Welding Type



OD ₁ /OD ₂ (mm)	H (mm)	L (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	B ₁ (mm)	B ₂ (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
								S ₁ /S ₂ (mm)	S ₁ /S ₂ (mm)
63-25	96	226	66	92	40	66	27	3.6/1.8	5.8/2.3
63-32	96	227	66	96	45	66	34	3.6/1.9	5.8/3.0
63-50	100.5	227	66	93	55.5	63	52	3.6/2.9	5.8/4.6
75-50	114	258	72	117	57.5	78	53	4.3/2.9	6.9/4.6
75-63	117.5	257	72	117	67	78	67	4.3/3.6	6.9/4.6
90-63	137	286	82	124.5	65	95	67	5.1/3.6	8.2/5.8
90-75	138	287	82	124	71	95	79	5.1/4.3	8.2/6.8
100-50	96	315	72	171	55	110	50	6.3/2.9	10.0/4.6
110-63	161	317	85	146	66	114	36	6.3/3.6	10.0/5.8
110-63	160	320	81.5	148	66	110	63		
110-75	158	317	85	146	71	110	70	6.3/4.3	10.0/6.9
110-90	155	317	85	146	81	110	90	6.3/5.1	10.0/8.2
125-63	170	340	112	116	70	125	63	7.1/3.6	11.4/5.8
125-90	170	340	112	116	85	125	90	7.1/5.1	11.4/8.2
125-110	170	340	90	160	83	125	110	7.1/6.3	11.4/10.0
140-63	155	375	86	200	51	140	63		
140-75	166	377	87	220	58	140	75		
140-110	171	375	87	195	74	140	110		
140-110	187	378						8.0/6.3	12.7/10.0
160-63	185.5	403.5	88.5	221.5	66	171	69	9.1/3.6	14.6/5.8
160-75	183.5	403.5	88.5	228.5	66	160	75	9.1/4.3	14.6/6.9
160-90	184.6	403.6	86	227	66	172	100	9.1/5.1	14.6/8.2
160-110	149	328	60	207	50	160	110	9.1/6.3	14.6/10
160-140	140.5	319	62	200	40	160	140	9.1/8.0	14.6/12.8
180-90	210	427	138	153	79	180	90	10.2/5.1	16.4/10.0
180-110	226	464	148	262	79	180	110	10.2/6.3	16.4/11.4
200-63	197.0	379.0	66	264	61	200	63	11.4/3.8	18.2/5.8
200-90	197.0	379.0	66	264	61	200	90	11.4/5.0	18.2/8.2
200-110	197.0	379.0	66	264	61	200	110	11.4/6.3	18.2/10.0
200-125	197.0	379.0	66	264	61	200	125	11.4/7.1	18.2/11.4
200-140	197.0	379.0	66	264	61	200	140	11.4/8.0	18.2/12.8

HP-PP REDUCER TEE

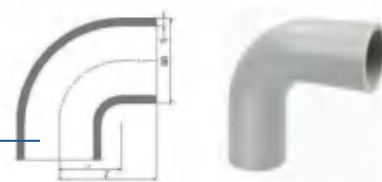
Butt Welding Type



OD ₁ /OD ₂ (mm)	H (mm)	L (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	B ₁ (mm)	B ₂ (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
								S ₁ /S ₂ (mm)	S ₁ /S ₂ (mm)
200-160	157.0	379.0	66	264	61	200	160	11.4/9.1	18.2/14.6
200-180		379.0	66	264	61	200	180	11.4/10.2	18.2/16.4
225-75	225.0	556.0	125.5	300	72.5	225	75	12.8/4.3	20.5/6.9
225-90	222.0	550.0	125.5	300	83.5	225	90	12.8/5.1	20.5/8.2
225-110	217.0	439.5	61	315.5	50.5	225	110	12.8/6.3	20.5/10.0
225-125	217.0	437.0	61	325	52	232	121	12.8/7.1	20.5/11.4
225-140	213.5	440.0	61	317.5	61	225	140	12.8/8.0	20.5/12.7
225-160	237.5	556.0	125	300	100	225	160	12.8/9.1	20.5/14.6
225-180	217.0	437.0	61	325	61	225	180	12.8/10.2	20.5/16.4
225-200	217.0	437.0	61	325	61	225	200	12.8/11.4	20.5/18.2
250-110	233.0	469.0	70	325	61	250	110	14.2/6.3	22.8/10.0
250-128	233.0	469.0	70	325	61	250	125	14.2/7.1	22.8/11.4
250-140	233.0	469.0	70	235	61	250	140	14.2/8.0	22.8/12.8
250-160	233.0	469.0	70	235	61	250	160	14.2/9.1	22.8/14.6
250-180	233.0	469.0	70	325	61	250	180	14.2/10.2	22.8/16.4
250-200	233.0	469.0	70	235	61	250	200	14.2/11.4	22.8/18.2
250-225	233.0	469.0	70	235	61	250	225	14.2/12.8	22.8/20.5
280-110	300	634.5	110	316	60.5	278	123	15.9/9.1	25.4/4.6
280-140	250.0	537.0	88	355	62	250	140	15.9/8.0	25.5/12.8
280-160	250.0	537.0	88	355	62	280	160	15.9/9.1	25.5/14.6
280-180	250.0	537.0	88	355	62	280	180	15.9/10.2	25.5/16.4
280-200	250.0	537.0	88	355	62	280	200	15.9/11.4	25.5/18.2
280-225	320	630	117	300	148	280	225	15.9/12.8	25.5/20.5
280-250	250.0	537.0	88	355	62	280	250	15.9/14.2	25.5/22.8
315-160	313.0	695.0	118	456	102	318	168	17.9/9.1	28.7/14.6
315-180	325.0	706.0	118	463	61.5	315	180	17.9/10.2	28.7/16.4
315-200	325.0	700	118	463	61.5	315	200	17.9/11.4	28.7/18.2
315-225	325.0	706.0	118	463	61.5	315	225	17.9/12.8	28.7/20.5
315-250	325.0	706.0	118	463	61.5	315	250	17.9/14.2	28.7/22.8
315-280	325.0	706.0	118	463	61.5	315	280	17.9/15.9	28.7/25.5

■ HP-PP 90°ELBOW

Butt Welding Type

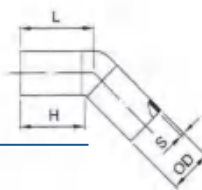


OD (mm)	Z (mm)	R (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
			S (mm)	S (mm)
20	38	15.0	1.8	1.9
25	42	19.0	1.8	2.3
32	46	24.0	1.9	2.9
40	51	30.0	2.3	3.7
50	58	37.0	2.9	4.6
63	66	45.0	3.6	5.8
75	99.5	90.0	4.3	6.8
90	100	90.0	5.1	8.2
110	141	136	6.3	10.0
140	155	140	8	12.7
160	175	160	9.1	14.6
225	262	225	12.8	20.5
280	286	262	15.9	25.4
315	321	297	17.9	28.6
355	348.3	148	20.1	32.20

ASIA

■ HP-PP 45° ELBOW

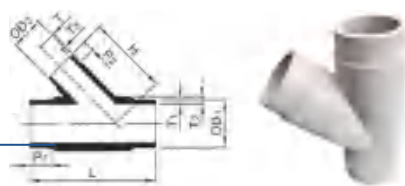
Butt Welding Type



OD (mm)	H (mm)	L (mm)	SDR17.6 ISO58.3 PN6	SDR11 ISO5 PN10
			S (mm)	S (mm)
20	15.5	36	1.8	1.9
25	15.5	41	1.8	2.3
32	17.5	47	1.9	2.9
40	12	46	2.3	3.7
50	14	53	2.9	4.6
63	18	68	3.6	5.8
75	15	78.5	4.3	6.8
90	38.5	108	5.1	8.2
110	28	123	6.3	10.0
125	35	97.5	7.1	11.4
140	35	130.0	8.0	12.7
160	35	133.0	9.1	14.6
180	46	136.0	10.2	16.4
200	38	138.0	11.4	18.2
225	40	180.0	12.8	20.5
250	45	299.5	14.2	22.7
280	90	230.0	15.9	25.4
315	90	247.5	17.9	28.6

■ HP-PP 45°Y-TEE

Butt Welding Type



OD ₁ /OD ₂ (mm)	H (mm)	L (mm)	P ₁ (mm)	P ₂ (mm)	SDR17.6 ISOS8.3 PN6				SDR11 ISOS5 PN10			
					T ₁ (mm)	T ₁ (mm)	T ₁ (mm)	T ₁ (mm)	T ₁ (mm)	T ₁ (mm)	T ₁ (mm)	T ₁ (mm)
90	191	314	40	40	5.1	8.6	5.1	8.6	8.2	11.7	8.2	11.7
110	228	368.5	40	40	6.3	11.3	6.3	11.3	10	15	10	15
140	279	441	50	50	8	13	8	13	12.7	17.8	12.8	17.8
160	313	496	55	55	9.1	15.1	9.1	15.1	14.6	20.6	14.6	20.6
225	417	635	70	70	12.8	18.8	12.8	18.8	20.5	26.5	20.5	26.5
90*63	163.6	317	40	35	5.1	8.6	3.6	5.6	8.2	11.7	5.8	7.8
90*75	180	317	40	40	5.1	8.6	4.3	7.8	8.2	11.7	6.9	10.4
110*75	188.6	368	40	40	6.3	11.3	4.3	7.8	10	15	6.9	10.4
110*90	196.5	368	40	40	6.3	11.3	5.1	8.6	10	15	8.2	11.7
140*90	229	441	50	40	8	13	5.1	8.6	12.8	17.8	8.2	11.7
140*110	254	441	50	40	8	13	6.3	11.3	12.8	17.8	10	15
160*110	258	492	55	40	9.1	15.1	6.3	11.3	14.6	20.6	10	15
160*140	279	492	55	50	9.1	15.1	8	13	14.6	20.6	12.8	17.8
225*140	329	638	70	50	12.8	18.8	8	13	20.5	26.5	12.8	17.8
225*160	360	638	70	55	12.8	18.8	9.1	15.1	20.5	26.5	14.6	20.6

ASA

HP-PP REDUCER CONCENTRIC

Butt Welding Type



OD ₁ /OD ₂ (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	L ₄ (mm)	L ₅ (mm)	L ₆ (mm)	L ₇ (mm)	L ₈ (mm)	L ₉ (mm)	L ₁₀ (mm)	L ₁₁ (mm)	L ₁₂ (mm)
50/20	30.8	27.3	21.5	18.5	13.5	11.0	6.0	4.0	-	-	-	-
63/16	70.5	62.5	53.5	46.5	38.5	33.0	25.0	21	15	12	7	5
75/32	62.5	54.5	45.5	37.5	28.5	21.5	13.5	8	-	-	-	-
110/50	60.8	51.6	41.6	35.1	25.6	21.1	10.6	6.3	-	-	-	-
110/63	57.0	47.0	36.0	28.0	17.0	9.0	-	-	-	-	-	-
125/75	63.0	53.0	40.0	30.0	19.0	11.0	-	-	-	-	-	-
160/110	74.0	62.0	48.0	37.0	23.0	13.0	-	-	-	-	-	-
180/110	101.5	90.5	75.5	65	50	39.5	24.5	15	-	-	-	-
225/160	87.0	71.0	55.0	42.0	26.0	14.0	-	-	-	-	-	-
315/180	112.5	101.5	86	65	50	39.5	24.5	15	-	-	-	-
315/225	109.0	89.0	70.0	54.0	35.0	19.0	-	-	-	-	-	-
450/315	148.0	118.0	92.0	68.0	44.0	24.0	-	-	-	-	-	-
630/450	214.0	178.0	132.0	100.0	62.0	32.0	-	-	-	-	-	-

PN6	16	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630
S	-	1.8	1.8	1.8	2.3	2.9	3.6	4.3	5.1	6.3	7.1	8.0	9.1	10.2	11.4	12.8	14.2	15.9	17.9	20.1	22.7	25.5	28.3	31.7	35.7
PN10	16	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630
S	2.0	2.5	2.7	3.0	3.7	4.6	5.8	6.9	8.2	10.0	11.4	12.8	14.6	16.4	18.2	20.5	22.8	25.5	28.7	32.3	36.4	41.0	45.5	50.9	57.2

OD ₁ /OD ₂ (mm)	L (mm)
50/20	371+0.2
63/16	79.5+2
75/32	73.5+2
110/50	72.8+0.2
110/63	70.0+2
125/75	77.0+2
160/110	88.0+2
180/110	116.5+1
225/160	106.0+3
315/180	128+1
315/225	133.0+3
450/315	180.0+4
630/450	276.0+4

HP-PP REDUCER

Butt Welding Type



OD ₁ /OD ₂ (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
				S ₁ /S ₂ (mm)	S ₁ /S ₂ (mm)
25-20	50	20	20	1.8/1.8	2.3/1.9
32-20	50	20	20	1.9/1.8	2.9/1.9
32-25	50	20	20	1.9/1.8	2.9/2.3
40-20	58.5	21	23	2.3/1.8	3.7/1.9
40-25	55	21	20	2.3/1.8	3.7/2.3
40-32	55	20	20	2.3/1.9	3.7/2.9
50-20	60	24	20	2.9/1.8	4.6/1.9
50-25	61.6	20.5	20	2.9/1.8	4.6/2.3
50-32	61.5	20.6	20	2.9/1.8	4.6/2.9
50-40	60	20.5	20	2.9/2.3	4.6/3.7
63-25	65	25	20	3.6/1.8	5.8/2.3
63-32	65	25	22	3.6/1.9	5.8/2.9
63-40	65	25	22	3.6/2.3	5.8/3.7
63-50	65	20	20	3.6/2.9	5.8/4.6
63-50	149.7	54	56		
75-40	74.6	19.5	19.5	4.3/2.3	6.8/3.7
75-40	148.5	54	54		
75-50	65	20	20	4.3/2.9	6.8/4.6
75-50	148.3	54	55		
75-63	64.5	20	20	4.3/3.6	6.8/5.8
75-63	148.8	55	54		
90-50	75	30	26	5.1/2.9	8.2/4.6
90-63	156.3	59.5	60	5.1/3.6	8.2/5.8
90-75	162.3	59	61	5.1/4.3	8.2/6.8
110-63	93.6	28.5	21	6.3/3.6	10.0/5.8
110-63	181	69	70		
110-75	180	70	70	6.3/4.3	10.0/6.8
110-90	179	67.5	71	6.3/5.1	10.0/8.2
125-110	100	40	35	7.1/6.3	11.4/10.0
140-90	210	79.7	79		
140-100	210	79.5	80		
140-125	110	45	40	8.0/7.1	12.8/11.4
160-90	217.5	80	60		

■ HP-PP REDUCER

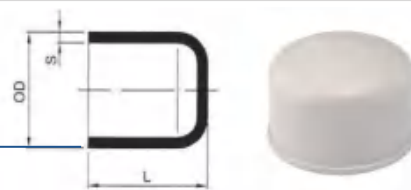
Butt Welding Type



OD ₁ /OD ₂ (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	SDR17.6 ISOS8.3 PN6	SDR11 ISOS5 PN10
				S ₁ /S ₂ (mm)	S ₁ /S ₂ (mm)
160-110	226.5	80	75		
160-110	130	60	40	9.1/6.3	14.6/10.0
160-140	226.5	80	75		
160-140	100	40	38	9.1/8.0	14.6/12.7
180-160	130	60	40	10.2/9.1	16.4/14.6
200-160	140	60	40	11.4/9.1	18.2/14.6
225-110	161.5	52	36		
225-110	247.5	107.4	68.5		
225-160	265.7	100	78.6		
225-160	159.3	155	435	12.8/9.1	20.5/14.6
225-200	150	60	50	12.8/11.4	20.5/18.2
250-225	170	70	60	14.2/12.8	22.7/20.5
280-250	180	80	60	15.9/14.2	25.4/22.7
315-280	220	90	80	17.9/15.9	28.7/25.4

■ HP-PP END CAP

Butt Welding Type

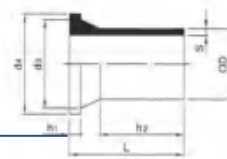


OD (mm)	L (mm)	SDR17.6 ISO8.3 PN6	SDR11 ISO5 PN10
		S (mm)	S (mm)
20	52.0	1.8	1.9
25	52.0	1.8	2.3
32	54.0	1.9	2.9
40	57.0	2.3	3.7
50	71.0	2.9	4.6
63	65.0	3.6	5.8
75	80.0	4.3	6.8
90	90.0	5.1	8.2
110	98.0	6.3	10.0
125	110.0	7.1	11.4
140	136.0	8.0	12.7
160	122.0	9.1	14.6
180	191.0	10.2	16.4
200	181.0	11.4	18.2
225	150.0	12.8	20.5
250	230.0	14.2	22.8
280	257.0	15.9	25.4
315	262.0	17.9	28.7
355	130.0	20.1	32.3
400	130.0	22.7	36.4
450	130.0	25.5	41.0
500	150.0	28.3	45.5
560	150.0	31.7	50.9
630	160.0	35.7	57.2

ASIA

■ HP-PP STUB FLANGE

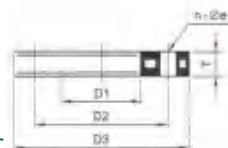
Butt Welding Type



OD (mm)	H ₂ (mm)	L(mm)	D ₃ (mm)	D ₄ (mm)	SDR17.6 ISOS8.3 PN6		SDR11 ISOS5 PN10	
					S (mm)	H ₁ (mm)	S (mm)	H ₁ (mm)
20	29.0	50.0	26.0	45.0	1.8	7.2	1.9	7
25	26.5	52.0	32.0	58.0	1.8	9.2	2.3	9
32	28.0	54.0	40.0	68.0	1.9	10	2.9	10
40	26	56.0	49.0	78.0	2.3	11	3.7	11
50	33	64	60.0	88.0	2.9	12.2	4.6	12
63	40	68.0	75.0	102.0	3.6	14	5.8	14
75	47	81	88	122.0	4.3	16.1	6.8	16
90	44	81	102.5	138.0	5.1	17	8.2	17
110	40	82	122	158.0	6.3	18.2	10.0	18
125	102	175.0	135	158.0	7.1	25.5	11.4	25.5
140	40	90.5	153	187	8.0	27.4	12.7	25
160	45.0	91.5	182	212.0	9.1	26.2	14.6	25
180	127	180	186	217	10.2	26.5	16.4	26.5
200	144	213	229	268	11.4	31.5	18.2	31.5
225	38	100	235	266.5	12.8	33	20.5	32
225	134	212	230	266				
250	205	275	284	320	14.2	34	22.7	34
280	179	219	285	320	15.9	38	25.4	38
315	152	235	353	370	17.9	35	28.7	35
355	117	187.5	382	424	20.1	43	32.2	43
400	118	185.5	415	480	22.7	40	36.4	40
450	140	216	514	585	25.5	50	41.0	50
500	140	216	530	585	28.3	50	45.5	50
560	140	220	615	685	31.7	55	50.9	55
630	140	220	642	685	35.7	55	57.2	55

■ BACKING RING(DIN)

With steel insert for steel
headingsacc.to DIN PN10mold
from PP greyPP black

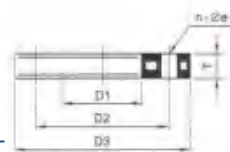


OD (mm)	D ₁ (mm)	D ₂ (mm)	D ₃ (mm)	E (mm)	N (Number)	T (mm)
20	28	65	95	14	4	12
25	34	75	105	14	4	12
32	42	85	115	14	4	16
40	51	100	140	18	4	16
50	62	110	150	18	4	18
63	78	125	165	18	4	18
75	92	145	185	18	4	18
90	108	160	200	18	8	20
110	128	180	220	18	8	20
140	158	210	250	18	8	22
160	178	240	285	23	8	22
180	188	240	285	23	8	22
200	235	295	340	23	8	24
225	238	295	340	23	8	24
250	288	350	390	23	10	26
280	294	350	395	23	12	26
315	338	400	445	23	12	26
▲ 355	376	460	505	30	16	28
▲ 400	430	515	565	30	16	28
▲ 450	517	620	670	30	20	30
▲ 500	533	620	670	30	20	30
▲ 560	618	725	780	30	20	30
▲ 630	645	725	780	30	20	30

▲ 钢制产品(Steel ones)

■ BACKING RING(ANSI)

With steelinsert acc.toANSI
standard PP grey

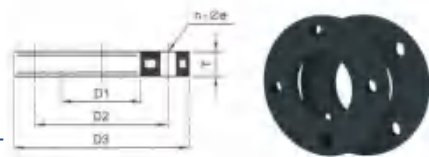


OD (inch)	D ₁ (mm)	D ₂		D ₃ (mm)	E (mm)	N (Nember)	T (mm)
		(mm)	(inch)				
1/2"	28	60.50	2-3/8"	89	16	4	12
3/4"	34	69.85	2-3/4"	98	16	4	12
1"	42	79.25	3-1/8"	108	16	4	16
1-1/4"	51	88.90	3-1/2"	117	16	4	16
1-1/2"	62	98.55	3-7/8"	127	16	4	18
2"	78	120.65	4-3/4"	152	19	4	18
2-1/2"	92	139.70	5-1/2"	178	19	4	18
3"	111	152.40	6"	191	19	4	20
4"	133	190.50	7-1/2"	229	19	8	20
5"	133	190.50	7-1/2"	254	22	8	20
6"	178	241.00	9-1/2"	279	22	8	24
8"	236	298.48	11-3/4"	343	22	8	28
10"	288	361.95	14-1/4"	406	25	12	30
12"	338	431.80	17"	483	25	12	32
▲ 14"	376	476.25	18-3/4"	533	29	12	28
▲ 16"	430	539.75	21-1/4"	597	29	16	28
▲ 18"	517	577.85	22-3/4"	635	32	16	30
▲ 20"	533	635.00	25"	699	32	20	30
▲ 24"	645	749.30	29-1/2"	813	35	20	30

▲ Steel ones

BACKING RING(JIS)

With steelinsert acc.to
JIS standard from PP grey

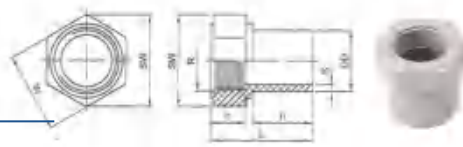


DN (mm)	D ₁ (mm)	D ₂ (mm)	D ₃ (mm)	E (mm)	N (Number)	T (mm)
1/2"	28	70	96	15	4	12
3/4"	34	75	100	15	4	14
1"	42	90	125	19	4	14
1-1/4"	51	100	135	19	4	14
1-1/2"	62	105	140	19	4	16
2"	78	120	155	19	8	16
2-1/2"	92	140	175	19	8	16
3"	110	150	185	19	8	18
4"	133	175	210	19	8	18
5"	160	215	250	23	8	20
6"	178	240	280	23	8	21
8"	238	290	330	23	8	21
10"	288	355	400	25	12	24
12"	338	400	445	25	16	26
▲ 14"	376	445	490	25	16	28
▲ 16"	430	510	560	27	16	28
▲ 18"	517	565	620	27	20	30
▲ 20"	533	620	675	27	20	30
▲ 24"	645	730	795	33	24	30

▲ Steel ones

HP-PP FEMALE ADAPTOR

Butt Welding Type



OD (mm)	S (mm)	L (mm)	L ₁ (mm)	L ₂ (mm)	R	W x SW (mm)	SDR11 ISO5 PN10
							Code
20	1.9	46	21.5	16.0	1/2"BSP	32.0*35*5	21-FD1-11-0020
25	2.3	51	25.5	17.0	3/4"BSP	40.0*45.0	21-FD1-11-0025
32	2.9	59	30.5	20.0	1"BSP	45.5*50.5	21-FD1-11-0032
40	3.7	63	30.5	24.0	1-1/4"BSP	54.5*60.0	21-FD1-11-0040
50	4.6	73	35.0	25.0	1-1/2"BSP	69.0*76.5	21-FD1-11-0050
63	5.8	72	37.0	28.5	2"BSP	84.0*93.5	21-FD1-11-0063

■ HP-PP MALE ADAPTOR

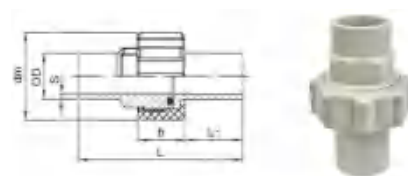
Butt Welding Type



OD (mm)	S (mm)	L (mm)	L ₁ (mm)	L ₂ (mm)	R	W x SW (mm)	SDR11 ISOS5 PN10
							Code
20	1.9	46.5	18.5	20.0	1/2"BSP	30.5*33.5	21-MD1-11-0020
25	2.3	51.5	21.0	22.5	3/4"BSP	37.0*41.0	21-MD1-11-0025
32	2.9	62.5	24.5	29.0	1"BSP	44.5*49.5	21-MD1-11-0032
40	3.7	67.5	27.5	29.5	1-1/4"BSP	53.5*59.0	21-MD1-11-0040
50	4.6	74.5	29.0	33.0	1-1/2"BSP	65.0*72.0	21-MD1-11-0050
63	5.8	80.0	32.0	35.5	2"BSP	81.5*91.0	21-MD1-11-0063

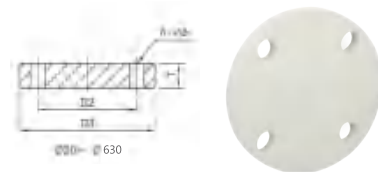
■ HP-PP UNION

Butt Welding Type



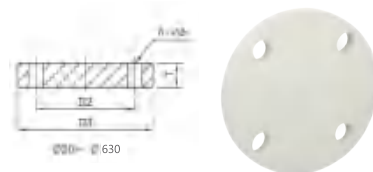
OD (mm)	S (mm)	L (mm)	L ₁ (mm)	DM (mm)	B (mm)	SDR11 ISOS5 PN10
						Weight (kg/Pc)
20	1.9	111.0	40	47.54	24.6	0.012
25	2.3	116.5	41.0	52.0	26.5	0.022
32	3.0	120.5	41.0	64.0	32.0	0.032
40	2.9	124.0	42.45	76.0	31.5	0.048
50	4.6	133.5	45.85	88.0	37.0	0.072
63	5.8	135.0	42.0	108.0	39.5	0.090

■ HP-PP BLIND FLANGE(DIN)



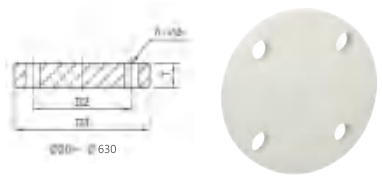
OD (mm)	D ₂ (mm)	D ₃ (mm)	E (mm)	N (mm)	T (mm)
20	65	95	14	4	16
25	75	105	14	4	14
32	85	115	14	4	18
40	100	140	18	4	18
50	110	150	18	4	19
63	125	165	18	4	19
75	145	185	18	4	19
90	160	200	18	8	23
110	180	220	18	8	23
125	180	220	18	8	23
140	210	250	18	8	23
160	240	285	23	8	23
180	240	285	23	8	23
200	295	340	23	12	23
225	295	340	23	8	23
250	350	390	23	12	25
280	350	395	23	12	25
315	400	445	23	12	25
355	460	505	30	16	28
400	515	565	30	16	28
450	620	670	30	20	30
500	620	670	30	20	30
560	725	780	30	20	30
630	725	780	30	20	30

■ HP-PP BLIND FLANGE(ANSI)



OD (mm)	DN (inch)	D ₂ (mm)	D ₃ (mm)	E (mm)	N (mm)	T (mm)
20	1/2"	60	89	16	4	16
25	3/4"	70	98	16	4	14
32	1"	79	108	16	4	18
40	1-1/4"	89	117	16	4	18
50	1-1/2"	98	127	16	4	19
63	2"	121	152	19	4	19
75	2-1/2"	140	178	19	4	19
90	3"	152	191	19	4	23
110	4"	191	229	19	8	23
140	5"	216	254	22	8	23
160	6"	241	279	22	8	23
200	8"	298	343	22	8	23
250	10"	362	406	25	12	25
315	12"	432	483	25	12	25
355	14"	476	533	29	12	28
400	16"	540	597	29	16	28
450	18"	578	635	32	16	30
500	20"	635	699	32	20	30
630	24"	749	813	35	20	30

■ HP-PP BLIND FLANGE(JIS)



OD (mm)	DN (inch)	D ₂ (mm)	D ₃ (mm)	E (mm)	N (Number)	T (mm)
20	1/2"	70	95	15	4	16
25	3/4"	75	100	15	4	14
32	1"	90	125	19	4	18
40	1-1/4"	100	135	19	4	18
50	1-1/2"	105	140	16	4	19
63	2"	120	155	19	4	19
75	2-1/2"	140	175	19	4	19
90	3"	150	185	19	8	23
110	4"	175	210	19	8	23
140	5"	210	250	23	8	23
160	6"	240	280	23	8	23
200	8"	290	330	23	12	23
250	10"	355	400	25	12	25
315	12"	400	445	25	16	25
355	14"	445	490	25	16	25
400	16"	510	560	27	16	28
450	18"	565	620	27	20	30
500	20"	620	675	27	20	30
630	24"	730	795	33	24	30



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