

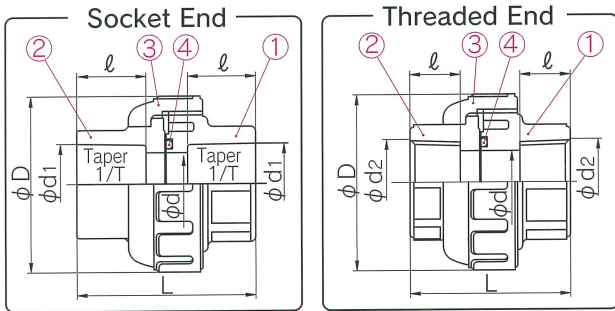
AV PREFAB JOINT <UNION>



SPECIFICATIONS

Material	Working temperature	Working pressure MPa{kgf/cm ² }	Nominal Size (mm)	Connection
Unplasticized Polyvinyl Chloride (U-PVC)	0°C~50°C	1.0{10.2}	13~100	Socket End
			13~50	Threaded End
Chlorinated Polyvinyl Chloride (C-PVC)	0°C~90°C	1.0{10.2}	13~100	Socket End

(Note)
For pressure limits by working temperature ranges and materials, see "WORKING PRESSURE VS. TEMPERATURE" in this catalog.



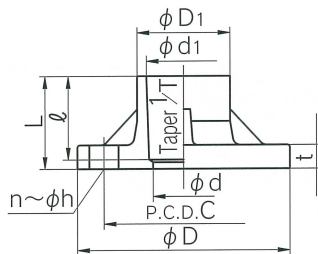
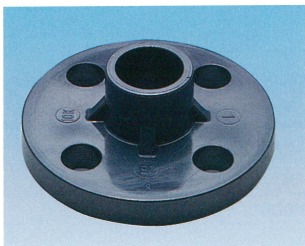
Nominal Size	d	Socket End						Threaded End			D
		U-PVC, C-PVC				U-PVC		U-PVC			
		d ₁	ℓ	1/T	L	d ₁	ℓ	L			
13	3/8	13	18.13	18	1/34	46.0	RC3/8	15	43	48	
16	1/2	15	22.11	20	1/34	46.0	Rc1/2	15	43	48	
20	3/4	20	26.13	24	1/34	61.0	RC3/4	17	57	60	
25	1	25	32.16	27	1/34	70.0	Rc1	20	63	70	
30	1 1/4	31	38.19	30	1/34	77.0	Rc1 1/4	22	71	82	
40	1 1/2	40	48.21	37	1/37	95.0	Rc1 1/2	25	82	100	
50	2	51	60.25	42	1/37	107.0	Rc2	28	96	106	
65	2 1/2	65	76.60	61	1/48	164.0	—	—	—	133	
75	3	77	89.60	64	1/49	189.5	—	—	—	152	
100	4	100	114.70	84	1/56	245.0	—	—	—	210	

PARTS & MATERIALS

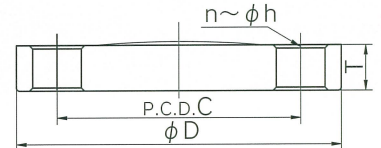
No.	DESCRIPTION	Pcs.	MATERIAL
①	BODY	1	U-PVC, C-PVC
②	END CONNECTOR	1	U-PVC, C-PVC
③	UNION NUT	1	U-PVC, C-PVC
④	O-RING	1	EPDM, FKM, others

AV FLANGE <HP-PVC>

AV TS FLANGE (JIS 10K 13mm - 200mm)



AV Q FLANGE (JIS 10K 15mm - 150mm)



※The figure described by broken (dashed) line shows shape of Q-flange applied for dead end service of piping.

Nominal Size	d	JIS 10K					d ₁	Taper 1/T	D ₁	t	T	ℓ ±0.0	L
		D	C	n	h								
13	3/8	15	90	65	4	15	18.40±0.20	1/30	25.5	14	—	26	30.0
15	1/2	18	95	70	4	15	22.40±0.20	1/34	31.0	14	12	30	35.0
20	3/4	22	100	75	4	15	26.45±0.20	1/34	35.0	15	14	35	40.0
25	1	25	125	90	4	19	32.55±0.25	1/34	42.5	15	14	40	46.0
32	1 1/4	30	135	100	4	19	38.60±0.25	1/34	48.5	16	16	44	50.5
40	1 1/2	41	140	105	4	19	48.70±0.30	1/37	60.5	16	16	55	61.5
50	2	52	155	120	4	19	60.80±0.30	1/37	73.0	20	16	63	71.0
65	2 1/2	67	175	140	4	19	76.60±0.30	1/48	90.0	22	18	61	70.0
80(75)	3	78	185	150	8	19	89.60±0.30	1/49	105.0	22	18	64	73.0
100	4	100	210	175	8	19	114.70±0.30	1/56	131.0	22	18	84	93.0
125	5	125	250	210	8	23	140.85±0.35	1/58	158.0	24	20	104	114.0
150	6	146	280	240	8	23	166.00±0.40	1/63	185.0	26	22	132	142.0
200	8	196	330	290	12	23	217.00±1.00	1/50	238.0	28	—	145	156.0
250	10	247	400	355	12	25	268.00±1.50	1/55	289.0	30	—	155	167.0

(Note)
1. For details of AV Flanges, refer to the individual catalogs of appropriate AV Flanges.
2. Products compliant with the clean water standard or ANSI standard are also available.