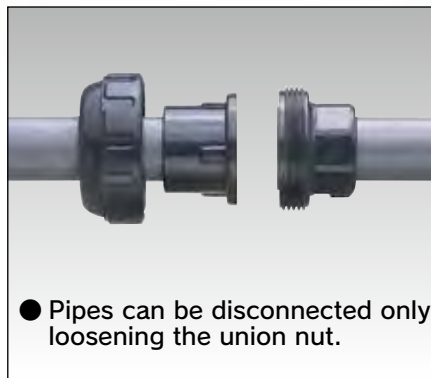


PREFAB JOINT (UNION)

● Type B (one-side union)

13mm(³/₈inch) – 100mm(4inch)



● Pipes can be disconnected only loosening the union nut.

FEATURES

- The PREFAB JOINT can be installed easily, fast and securely.
- The PREFAB JOINT, when placed in a pipeline, facilitates the cleaning of the pipeline.
- The body of the PREFAB JOINT can be removed from a pipeline only by loosening its union nut. Thus it is suitable for pipelines which are frequently disconnected, such as temporary pipelines and slurry pipelines.

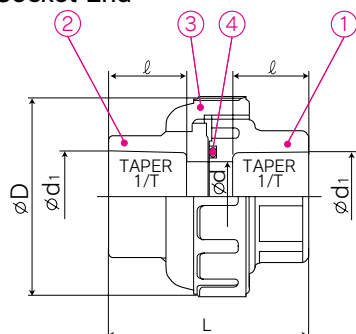
SPECIFICATIONS

Type	Type B (Single union)
Material	Unplasticized Polyvinyl Chloride(PVC) Chlorinated Polyvinyl Chloride(C-PVC) Polyvinylidene Fluoride(PVDF)
Nominal Size	Socket End 13mm(³ / ₈ inch) - 100mm(4inch) Spigot End 13mm(³ / ₈ inch) - 50mm(2inch) Threaded End 13mm(³ / ₈ inch) - 50mm(2inch)
Temperature Range	PVC=0°C - 50°C(30°F - 120°F) C-PVC=0°C - 90°C(30°F - 195°F) PVDF=-40°C - 120°C(-40°F - 250°F)
Max. Working Pressure	1.0MPa{10.2kgf/cm ² } [150PSI]

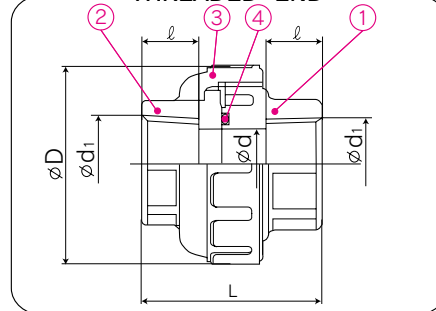
Note : For pressure limits by working temperature ranges and materials, see "WORKING PRESSURE VS. TEMPERATURE" in this catalog.

DIMENSIONS

Socket End



THREADED END



PARTS & MATERIALS

No.	DISCRIPTION	Pcs.	MATERIAL
①	BODY	1	PVC,C-PVC,PVDF
②	END CONNECTOR	1	PVC,C-PVC,PVDF
③	UNION NUT	1	PVC,C-PVC,PVDF
④	O-RING	1	EPDM,FKM,Others

DIMENSIONS TABLE

JIS										
Nominal Size		d	Socket End				Threaded End			D
			PVC, C-PVC				PVC			
mm	inch		d ₁	ℓ	1/T	L	JIS B 0203			
		d ₁	ℓ	1/T	L	d ₁	ℓ	L		
13	³ / ₈	13	18.13	18	1/30	46	Rc ³ / ₈	15	43	48
16	¹ / ₂	15	22.11	20	1/34	46	Rc ¹ / ₂	15	43	48
20	³ / ₄	20	26.13	24	1/34	61	Rc ³ / ₄	17	57	60
25	1	25	32.16	27	1/34	70	Rc 1	20	63	70
30	1 ¹ / ₄	31	38.19	30	1/34	77	Rc1 ¹ / ₄	22	71	82
40	1 ¹ / ₂	40	48.21	37	1/37	95	Rc1 ¹ / ₂	25	82	100
50	2	51	60.25	42	1/37	107	Rc 2	28	96	106
65	2 ¹ / ₂	65	76.60	61	1/48	164	—	—	—	133
80	3	77	89.60	64	1/49	189.5	—	—	—	152
100	4	100	114.70	84	1/56	245	—	—	—	210

Note : The shape and appearance of the valve differ a little with nominal size compared to the drawing.