

Wing Unions

2,000 psi cwp – 3,000 psi test



FIGURE 211 Insulating Union Threaded Ends Gray Nut/Light Blue Subs	Size		Item	Unit Weight		A		B		C		TPI	Material	
	NPS	Dn		lbs	kg	in	mm	in	mm	in	mm		Nuts	Subs
1	25	Union Complete	2.34	1.06	2.830	71.88	1.560	39.62	4.660	118.36	6	STD	SF	SF
		Nut	1.42	0.64										
		Male Sub	0.40	0.18										
		Female Sub	0.52	0.24										
		Seal Ring Kit	–	–										
2	50	Union Complete	6.24	2.83	3.510	89.15	2.880	73.15	6.250	158.75	6	STD	SF	SF
		Nut	2.96	1.34										
		Male Sub	1.42	0.64										
		Female Sub	1.86	0.84										
		Seal Ring Kit	–	–										

Laminated rings provide full insulation from electrolytic corrosion. Total of 35 million OHMS resistance. O-Ring in male sub and seal ring in female sub provide primary and secondary seals. All seal rings are field-replaceable. Available in threaded and butt weld ends.

FIGURE 300 Flat-Face Union Gray Nut/Yellow Subs	Size		Item	Unit Weight		A		B		C		Material		
	NPS	Dn		lbs	kg	in	mm	in	mm	in	mm	Nuts	Subs	
1	25	Union Complete	2.21	1.00	2.625	66.68	1.560	39.62	4.250	107.95	DI	SF		
		Nut	1.50	0.68										
		Male Sub	0.31	0.14										
		Female Sub w/O-Ring	0.50	0.23										
		Seal Ring	–	–										
2	50	Union Complete	6.00	2.72	3.750	95.25	2.780	70.61	5.750	146.05	DI	SF		
		Nut	3.31	1.50										
		Male Sub	1.25	0.57										
		Female Sub w/O-Ring	1.44	0.65										
		Seal Ring	–	–										
2½	65	Union Complete	10.88	4.93	4.625	117.48	3.410	86.61	7.000	177.8	DI	SF		
		Nut	6.19	2.81										
		Male Sub	2.13	0.97										
		Female Sub w/O-Ring	2.56	1.16										
		Seal Ring	–	–										
3	80	Union Complete	14.25	6.46	5.000	127.00	4.300	109.22	8.000	203.2	DI	SF		
		Nut	6.31	2.86										
		Male Sub	3.50	1.59										
		Female Sub w/O-Ring	4.44	2.01										
		Seal Ring	–	–										
4	100	Union Complete	20.69	9.38	5.750	146.05	5.110	129.79	8.875	225.43	DI	SF		
		Nut	8.31	3.77										
		Male Sub	5.57	2.53										
		Female Sub w/O-Ring	6.63	3.01										
		Seal Ring	–	–										

Flat Face Fig. 300 Unions permit lateral removal of valves and other fittings for easy replacement or inspection. Unions seal equally well in low or high pressure liquid or vapor service.



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