

BACKING RINGS



STEEL INSERT:



STANDARD FEATURES:

Flange connections are an essential part of every piping system. For detachable connections to butterfly valves or transitions to other materials, Asahi/America's backing rings, installed with plastic stub end flanges, are the ideal solution to provide a force-locking connection, offering superior safety for any system.

- Fiberglass reinforced PP coated steel
- Available in UV resistant black or euro grey PP
- Sized specifically for DIN metric piping
- Standard stock of ANSI 150# bolt pattern
- Steel core for strength - comprised of EN10025-2 S235JR or equivalent

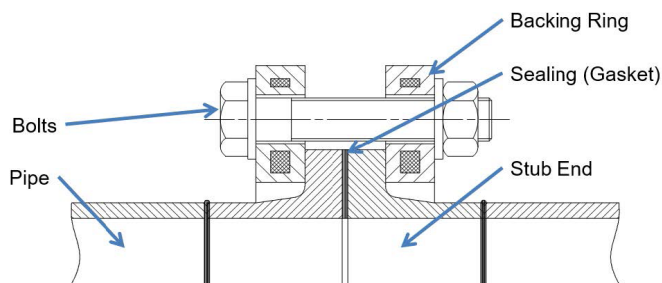
BENEFITS:

- Fits socket and butt metric stub ends
- MOP 16 bar (232psi)

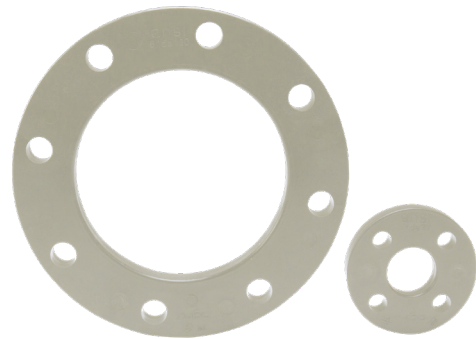
SIZES:

- Euro grey: 20 mm - 315mm (1/2" - 12")
- Black: 20mm - 630mm (1/2" - 24")

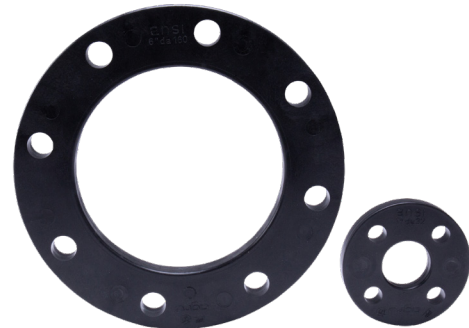
TYPICAL ARRANGEMENT:



EURO GREY PP:



BLACK PP:

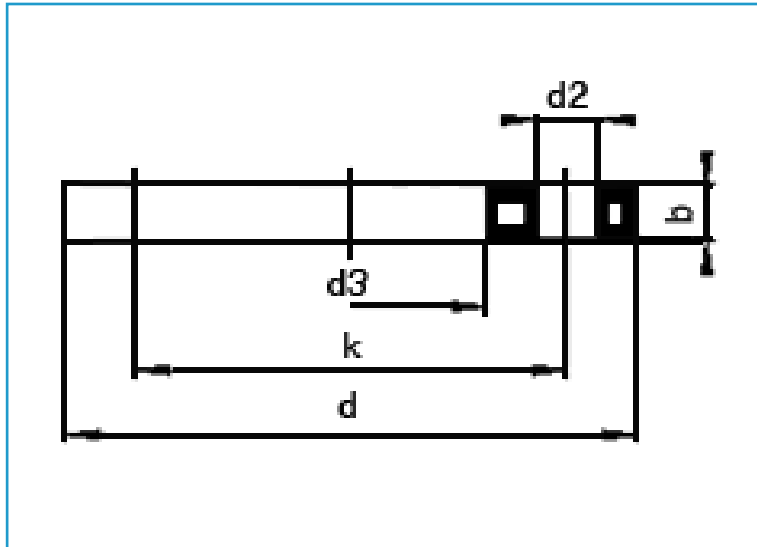


WITH STUB END:



BACKING RINGS

DIMENSIONAL DATA:



Size mm	da inch	d	d2	d3	b	k	p	Max ft/lb	Bolt Holes	Weight
		inch	inch	inch	inch	inch	bar			lbs
20	1/2	3.74	0.63	1.10	0.47	2.38	16	13.00	4	0.46
25	3/4	4.02	0.63	1.34	0.47	2.75	16	13.00	4	0.50
32	1	4.49	0.63	1.65	0.63	3.12	16	15.00	4	0.81
40	1-1/4	5.12	0.63	2.01	0.63	3.50	16	18.40	4	1.26
50	1-1/2	5.24	0.63	2.44	0.71	3.88	16	25.80	4	1.19
63	2	6.38	0.79	3.07	0.71	4.75	16	25.80	4	1.79
75	2-1/2	7.24	0.79	3.62	0.71	5.50	16	29.50	4	2.35
90	3	7.64	0.79	4.37	0.71	6.00	16	29.50	4	2.37
110/125	4/4-1/2	9.02	0.79	5.24	0.71	7.50	16	29.50	8	3.45
140	5	10.16	0.87	6.22	0.94	8.50	16	36.90	8	5.00
160	6	11.14	0.87	7.01	0.94	9.50	16	44.30	8	5.18
200/225	8/9	13.58	0.87	9.29	0.94	11.75	16	51.60	8	7.47
250/280	10/11	16.22	0.98	11.34	1.02	14.25	16	73.80	12	13.67
315	12	19.17	0.98	13.31	1.26	17.00	16	81.10	12	27.78
355	14	21.10	1.14	14.80	1.65	18.75	16	118.00	12	38.36
400	16	23.70	1.14	16.93	1.81	21.25	16	125.40	16	46.74
500	20	27.56	1.26	20.98	1.77	25.00	16	140.10	20	61.46
560	22	31.06	1.38	24.33	1.97	27.25	16	162.30	20	83.33
630	24	32.32	1.38	25.39	1.97	29.50	16	162.30	20	94.36

Note: 450mm (18") piping systems required special sized backing rings. Contact Asahi/America's pipe engineering department for assistance at pipe@asahi-america.com or 800-343-3618.