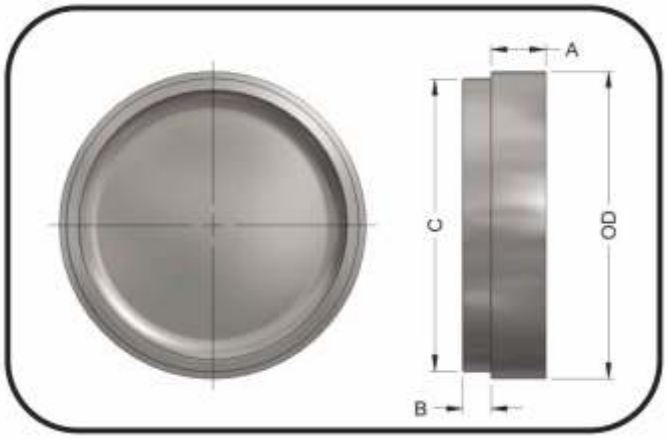
Piedmont

STAINLESS STEEL END CAPS - N



DUPLEX and SUPER DUPLEX STAINLESS STEEL END CAPS

Materials:

Duplex or Super Duplex stainless steel available both in CE8MN (UNS # J93345) and CE3MN (UNS # J93404) cast grades in accordance with ASTM A995/A995M.

Working Pressure[1]:

Nominal size	Working Pressure
3/4 6	1200 psi (82 bar)
Up to size 8	1000 psi (69 bar)*

*Contact Piedmont for higher pressure options with larger end caps.

316 STAINLESS STEEL END CAPS

Materials:

316 stainless steel with cast grade CF8M (UNS # J92900), or 316L stainless steel, Grade CF3M (UNS # J92800), conform to ASTM A351/A351M standard

Working Pressure[1]:

Nominal size	Working Pressure
3/4 6	600 psi (40 bar)
8 12	400 psi (28 bar)*

*Contact Piedmont for higher pressure options with larger end caps.

Coatings:

Coated end caps available upon request, for severe corrosion applications.

[1]Working pressures have been determined based on generally accepted standard specifications for performance of gasketed mechanical couplings, in accordance with ASTM F1476 standard and are applicable for schedule 40s (or thicker) cut grooved pipes and flexible couplings rated for the stated working pressure. Some of the endcaps can be rated for higher pressure. Consult with Piedmont for applications requiring higher pressure than the specified working pressure, pipes with thinner schedule and pipes with roll grooves. Pipes schedule, working pressure and material must comply with the requirements of ASME B31.1.

Stainless Steel End Caps - N Specifications

Nominal size (inch)	Dimensions inch (mm)				Approx. weight lb (kg)	Working pressure psi (bar)	
	OD	A	B	C		Duplex/ SuperD.	316 SS
3/4	1.050 (26.67)	0.625 (15.88)	0.322 (8.18)	0.938 (23.83)	0.11 (0.05)	1200 (82)	600 (40)
1	1.315 (33.40)	0.625 (15.88)	0.322 (8.18)	1.190 (30.23)	0.17 (0.08)	1200 (82)	600 (40)
1-1/4	1.660 (42.16)	0.625 (15.88)	0.322 (8.18)	1.535 (38.99)	0.25 (0.11)	1200 (82)	600 (40)
1-1/2	1.900 (48.26)	0.625 (15.88)	0.322 (8.18)	1.775 (45.09)	0.32 (0.15)	1200 (82)	600 (40)
2	2.375 (60.33)	0.625 (15.88)	0.322 (8.18)	2.250 (57.15)	0.51 (0.23)	1200 (82)	600 (40)
2-1/2	2.875 (73.03)	0.625 (15.88)	0.322 (8.18)	2.720 (69.10)	0.82 (0.37)	1200 (82)	600 (40)
3	3.500 (88.90)	0.625 (15.88)	0.322 (8.18)	3.344 (84.94)	1.15 (0.52)	1200 (82)	600 (40)
4	4.500 (114.30)	0.625 (15.88)	0.385 (9.78)	4.334 (110.08)	2.44 (1.10)	1200 (82)	600 (40)
5	5.563 (141.30)	0.625 (15.88)	0.385 (9.78)	5.395 (137.03)	2.98 (1.35)	1200 (82)	600 (40)
6	6.625 (168.28)	0.625 (15.88)	0.385 (9.78)	6.455 (163.96)	4.36 (1.98)	1200 (82)	600 (40)
8	8.625 (219.08)	0.750 (19.05)	0.448 (11.38)	8.441 (214.40)	8.32 (3.77)	1000 (69)	400 (28)
10	10.750 (273.05)	0.750 (19.05)	0.500 (12.70)	10.562 (268.27)	13.89 (6.30)	-	400 (28)
12	12.750 (323.85)	0.750 (19.05)	0.510 (13.00)	12.531 (318.29)	20.73 (9.40)	-	400 (28)

GEOFLUID Evolving solid solutions.

Geofluid Processors Private Limited

112, Building No.2, Mittal Industrial Estate,
Andheri Kurla Road, Marol, Andheri (E), Mumbai - 400 059.

+91-22- 6155 5888 +91-22-6155 5800
info@geofluid.com www.geofluid.com