

Technical Properties

Construction:

- White or Black EPDM elastomer with 100% pure virgin PTFE sealing surface
- Raised, molded sealing rings
- Exclusive process bonds PTFE to the EPDM

Low Torque:

- The particular cross section reduces contact point between gasket and flange (Torque required is reduced as much as 75%)

High Purity & Chemical Resistance:

- Excellent choice for chemicals, pharmaceutical plants, electronic industries and wherever there are glass lined, plastic, fibreglass and non-metallic flanges

Benefits:

- Easy to install
- The only reusable gasket

Bolt Torque for ChemSeal [ASME B16.5 Flange Class 150]		
Nominal Pipe Size (Inches)	No. of bolts	Preferred Torque (Nm)
0.5	4	12
0.75	4	14
1	4	16.5
1.25	4	19
1.5	4	22
2	4	38
2.5	4	52
3	4	55
4	8	19
5	8	24
6	8	27
8	8	38
10	12	25
12	12	36

Physical Properties

Tmax	150° C (300° F)	Tmin	- 40° C (-40° F)
Pmax	17 bar (246 psi)	P x T	1717 bar °C (50,000 psi °F)
Compressibility	82%	Recovery	33%
Resiliency	145%	Y ; M Factor	400 psi; 2

Ordering Information

ANSI 150 (UNI PN10)

Size	Packaging
From ½" (DN 15) to 5" (DN 125)	20 pcs
From 6" (DN 150) to 8" (DN 200)	10 pcs

