

PENBERTHY

material specifications

Section 3000
 Application Report 3615
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For: HIGH PRESSURE FLANGED ANSI 300# & 600# SFI MODELS SM-F, SMF-F, SMR-F, SMD-F, SMG-F, SMB-F, SH-F, SHF-F, SHR-F, SHD-F, SHG-F, SHB-F

Ref. #	Part		Standard Materials		Optional
11	Flanged Body		ASTM A216 Carbon Steel Gr WCB	ASTM A351 316 STS GrCF8M	ASTM 494 Monel Gr M-35-1 ASTM A494 Hastelloy C@CW12MW ASTM A743 Alloy 20 CN7M
4	Nuts	300#	ASTM A563 Carbon Steel Gr A		316 STS ASTM A194 B8M
		600#	ASTM A194 Carbon Steel Gr 2 or 2H Heavy Hex		
3	Bolts		ASTM A449 Carbon Steel		316 STS ASTM A193 B8M
9	Shield		None		Mica ASTM D351 Gr V4 PCTFE Daikin (repl. Kel-F)
7	Gasket		Neoprene®	Teflon®	Non-asbestos, Viton® 75-F-81, PCTFE Daikin (repl. Kel-F), Buna N, Garlock®, Gylon®, Grafoil®
8	Cushion		Graphite Ribbon		
1	Glass Cover		ASTM A36 Carbon Steel (plate)		ASTM A240 316
48	Glass		Tempered Borosilicate		Quartz, Metaglas®
331	Band		Volera®		None
43	Flapper		ASTM A351 316	STS	Monel, Hastelloy C®, Alloy 20
106	Rotator		Teflon®		None
171	Drip		ASTM A269 316	STS Tubing	None
43	Flapper		Teflon®, Fluon®,	Glass composite	None
	(Gaseo				
125	Washer		Teflon®		None
128	Pin		ASTM A276 316	STS	Monel, Hastelloy C®, Alloy 20
115	Spacer		Teflon®		None
115A	Spacer		Teflon®		None
15	Ball		Teflon®		None
29	Cage		316 STS Wire	Fabric	None
323	Dam		ASTM A108 Carbon Steel Bar	ASTM A276 316/316L STS	None