

# application report

**For:** DESIGN RATINGS OF SF SERIES, ANSI 150# UNITS USING TEMPERED BOROSILICATE GLASS

MATERIALS OF CONSTRUCTION <sup>A</sup>	GASKET	PRESSURE at TEMPERATURE RATING (°F)												
		-300°	-150°	-120°	-65°	-20°	100°	150°	250°	300°	350°	400°	450°	500°
IRON	NBR (BUNA N)					<-----175 psig----->		150						
	NEOPRENE®					<-----175 psig----->		150	140					
	FKM (VITON®)					<-----175 psig----->		150	140	125				
	PCTFE (KEL-F®)					<-----175 psig----->		150	140	125				
	PTFE (TEFLON®)					<-----175 psig----->		150	140	125				
	GRAPHITE (GRAFOIL®)					<-----175 psig----->		150	140	125				
	NON-ASBESTOS (NOBESTOS®)					<-----175 psig----->		150	140	125				
FEDERALLOY I ® (bronze)	NBR (BUNA N)					<-----225 psig----->		205						
	NEOPRENE®					<-----225 psig----->		205	190					
	FKM (VITON®)					<-----225 psig----->		205	190	170	150			
	PCTFE (KEL-F®)					<-----225 psig----->		205	190	170	170			
	PTFE (TEFLON®)					<-----225 psig----->		205	190	170	170			
	GRAPHITE (GRAFOIL®)					<-----225 psig----->		205	190	170	170			
	NON-ASBESTOS (NOBESTOS®)					<-----225 psig----->		205	190	170	170			
MATERIALS OF CONSTRUCTION <sup>A</sup>	GASKET	-188°	-101°	-84°	-54°	-29°	38°	66°	121°	149°	177°	204°	232°	260°
		PRESSURE at TEMPERATURE RATING (°C)												

<sup>A</sup> REFERENCE THE **MATERIAL SPECIFICATION** sheets to determine standard materials of construction.  
 NOTE: a 316 sts body with carbon steel covers would be rated as carbon steel in a low-temp application ( -20°F : lowest temperature rating)