

application report

For: DESIGN RATINGS OF WTSL (150#) SERIES UNITS USING TEMPERED BOROSILICATE GLASS

MATERIALS OF CONSTRUCTION ^A	GASKET	PRESSURE at TEMPERATURE RATING (°F)													
		-300°	-150°	-120°	-65°	-20°	100°	150°	250°	300°	350°	400°	450°	500°	
B16 FREE CUTTING BRASS, OR FEDERALLOY I®	NBR (BUNA N)					←-----225 psig-----→ [1550 kPa]		205 [1400]							
	NEOPRENE®					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]						
	FKM (VITON®)					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]	170 [1175]	150 [1050]				
	PCTFE (KEL-F®)					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]	170 [1175]	170 [1175]				
	PTFE (TEFLON®)					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]	170 [1175]	170 [1175]				
	GRAPHITE (GRAFOIL®)					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]	170 [1175]	170 [1175]				
	NON-ASBESTOS (NOBESTOS®)					←-----225 psig-----→ [1550 kPa]		205 [1400]	190 [1300]	170 [1175]	170 [1175]				
MATERIALS OF CONSTRUCTION ^A	GASKET	-188°	-101°	-84°	-54°	-29°	38°	66°	121°	149°	177°	204°	232°	260°	
		PRESSURE at TEMPERATURE RATING (°C)													

^A 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)