

SPECIFICATIONS

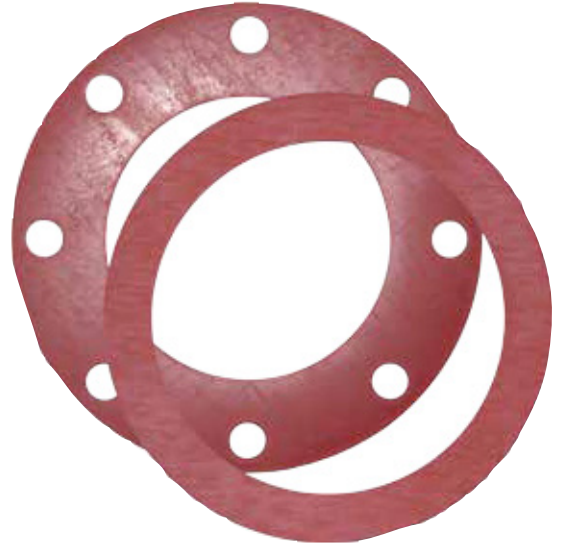
FIGURE R GASKETS



150 CLASS & 300 CLASS RED RUBBER FULL FACE & RING GASKET

Red rubber gaskets are manufactured from styrene-butadiene rubber (SBR). This synthetic material was developed as an alternative to natural rubbers. The red rubber gaskets are recommended for service in cold and hot water, air and some weak acids. They offer little resistance to ozone and to the majority of hydrocarbons.

They should not be used with strong acids, oils, grease and chlorates. Chlorate refers only to chlorine in the +5 oxidation state, or chlorate ion. The chlorate ion is a byproduct of the disinfection process used to treat drinking water. It is formed when sodium hypochlorite or chlorine dioxide are used in the treatment process. SBR is not recommended for environments with elevated levels of chlorates or chlorines. Chlorine chemically attacks SBR very aggressively, which can create a potential leak path.



FEATURES

- Meets ASME B16.21 for 150 Class gaskets
- Dimensions: ASME B16.5 (Except 30" which is ASME B16.47 Series A)
- Max Temperature: 170 °F (77 °C) | Min. Temperature: -20 °F (-29 °C)
- Max Pressure: 150 psig (13.8 Bar) | Max Pressure x Temperature (PxT) - 20,000 (°F x PSIG)

TYPICAL PHYSICAL PROPERTIES

Product	Value
Durometer Hardness	75 Shore A±5
Tensile	400 psi
Elongation	150%
Finish	Smooth
Compression Set for 22 Hrs @ 158 °F (70 °C) (ASTM D395B)	35%
Heat Aging for 94 Hrs @ 158 °F (70 °C) (ASTM D573)	
Change in Hardness	+ 5 Shore A
Change in Tensile	-15%
Change in Elongation	-35%

Properties and application parameters shown on this data sheet are typical. Failure to select proper sealing products could result in property damage and/or serious personal injury.

FIGURE NUMBER MATRIX

FNW HPA R 1 FFG A SIZE									
PRESSURE	TYPE	THICKNESS	SIZE CODE						
150 Class	Ring Gasket=RG	1/16" =116	1/2 =D	1-1/4 =H	3=M	6=U	12=12	18=18	24=24
300 Class	Full Face Gasket=FFG	1/8"=A	3/4 =F	1-1/2=J	4=P	8=X	14=14	20=20	30*=30
			1=G	2=K	5=S	10=10	16=16		

*The 30" red rubber gaskets are available in 150 class, 1/8", full face only (FNWR1FFGA30)