Flexitallic®

SPIRAL WOUND GASKET
STYLE RIR DATA SHEET

TECHNICAL BENEFITS

- Inner ring provides additional blow-out strength
- Inner ring provides a compression stop
- Prevents flange erosion
- Prevents inward buckling
- Prevents turbulant flow
- Recommended for high pressure/temperature applications

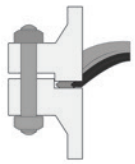
MANUFACTURING CAPABILITIES & TOLERANCES

Recommended Design Parameters					
Gasket Thickness	Compressed Thickness	Gasket Diameter	Inside Diameter	Outside Diameter	Required Surface Finish
0.0625“ 0.100“ 0.125“ 0.175“ 0.250“ 0.285“	0.050“ / 0.055“ 0.075“ / 0.080“ 0.090“ / 0.100“ 0.125“ / 0.135“ 0.180“ / 0.200“ 0.200“ / 0.220“	Up to 10“ 10“ to 24“ 24“ to 60“ 60“ & Above	± 1/64“ ± 1/32“ ± 3/64“ ± 1/16“	± 1/32“ ± 1/16“ ± 1/16“ ± 1/16“	125-250 Microinch Ra

Materials & Maximum T Limits					
	Thermiculite 835	Flexicarb	PTFE	Flexite Super	Ceramic
Maximum Temperature	1800° F 982° C	842° F 450° C	500° F 260° C	480° F 249° C	2300° F 1260° C
Minimum Temperature	-400° F -240° C	-400° F -240° C	-400° F -240° C	-150° F -101° C	-150° F -101° C

ASME (All)	
m	Y
3	10,000 psi

PVRC	Flexicarb/SS	Flexite/SS
Gb (PSI)	2300	2600
a	0.237	0.230
Gs (psi)	13	15

Recommended for Following Flange Faces		
Male & Female	Tongue & Groove	Flat Face to Recess Face
		

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