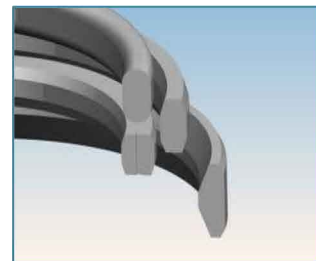




Ring Joint Gasket

- ▶ Our ring joint gasket was initially developed for heavy duty and high pressure/temperature application found in the petroleum industry, the main use in the oil field on drilling and completion equipment.
- ▶ However, this product range can also be found on valves and pipework assemblies, along with some high integrity pressure vessel joints nowadays.
- ▶ Ring joint gasket are manufactured accordingly to ANSI B16.20 and API 6A.
- ▶ Standard ring type joints can be categorized into 3 series:
 - i) Type R - Oval & Octagonal
 - ii) Type RX
 - iii) Type BX



<p>R Series - Oval</p> <ul style="list-style-type: none"> - The original ring joint resin - Used on standard ring joint flat bottom groove flanges - Can used on 'older' round bottom groove flanges - Available in Ring No R11 to R105 		<p>R Series - Octagonal</p> <ul style="list-style-type: none"> - Modified oval ring joint to provide better sealing performance - Used on standard ring joint flat bottom groove flanges - Available in Ring No R11 to R105 	
<p>RX Series</p> <ul style="list-style-type: none"> - Provides a pressure energised seal - Used on standard ring joint flat bottom groove flanges - Available in Ring No RX20 to RX215 		<p>BX Series</p> <ul style="list-style-type: none"> - Used in special applications involving high pressures from 350 bar to 1400 bar - Provides a pressure energised seal - Not recommended to re-use - Available in Ring No BX150 to BX172 	

- ▶ Ring Joint Gaskets are available in a range of materials according to different hardness & temperature limits:

Material Availability and Technical Information for API and Solid Metal Ring Joints					
Material	Brinell Hardness	Rockwell B	Temperature Limits °C	Indentification	
Soft Iron	90	56	- 60 + 500	D	
Low Carbon Steel	120	68	- 40 + 500	S	
4%-6% Chrome ½% Mo	130	72	- 125 + 500	F5	
304 Stainless Steel	160	83	- 250 + 500	SS304	
316L Stainless Steel	160	83	- 110 + 550	SS316	
321 Stainless Steel	160	83	- 250 + 550	SS321	
347 Stainless Steel	160	83	- 250 + 550	SS347	
410 Stainless Steel	170	87	- 20 + 500	SS410	

Other materials, Monel, Copper, Brass, Aluminium, Inconel, Incoloy, Titanium etc. are available on request

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All information/applications contained in this publication are to the best of our product knowledge. Since condition of uses is beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. Failure of select the proper sealing products could result in property damage and/or serious personal injury. We reserve the right to change product information without notice.