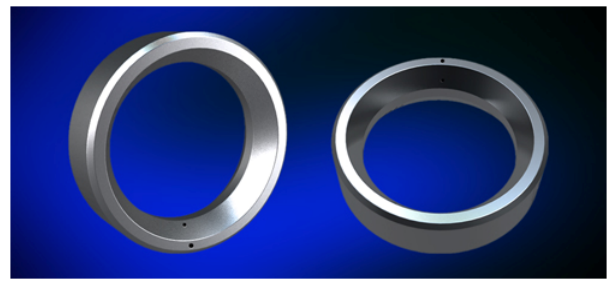




RTJ Gaskets



R & RX

| Model R or RX | | | |
|--|-------------------------------|--------|--------|
| For Flanges in accordance with API Spec 6A, model 6B | | | |
| Nominal Size (Inches) | Ring Number at pressure (psi) | | |
| | 2000 | 3000 | 5000 |
| 2 1/16 | R/RX23 | R/RX23 | R/RX24 |
| 2 9/16 | R/RX26 | R/RX27 | R/RX27 |
| 3 1/8 | R/RX31 | R/RX31 | R/RX35 |
| 4 1/16 | R/RX37 | R/RX37 | R/RX39 |
| 5 1/8 | R/RX41 | R/RX41 | R/RX44 |
| 7 1/16 | R/RX45 | R/RX45 | R/RX46 |
| 9 | R/RX49 | R/RX49 | R/RX50 |
| 11 | R/RX53 | R/RX53 | R/RX54 |
| 13 5/8 | R/RX57 | R/RX57 | - |
| 16 3/4 | R/RX65 | R/RX66 | - |
| 20 3/4 | - | R/RX74 | - |
| 21 1/4 | R/RX73 | - | - |

| Model R or RX | | |
|--|-------------------------------|--------|
| For Flanges in accordance with ASME B16.47 series A (MSS-SP44) | | |
| Nominal Size (Inches) | Ring Number at pressure (psi) | |
| | 300-600 | 900 |
| 12 | R/RX57 | R/RX57 |
| 14 | R61 | R62 |
| 16 | R/RX65 | R/RX66 |
| 18 | R/RX69 | R/RX70 |
| 20 | R/RX73 | R/RX74 |
| 22 | R81 | - |
| 24 | R77 | R78 |
| 26 | R93 | R100 |
| 28 | R94 | R101 |
| 30 | R95 | R102 |
| 32 | R96 | R103 |
| 34 | R97 | R104 |
| 36 | R98 | R105 |

| Suggested Maximum Service Temperature in Air | | |
|--|---------|---------|
| Type | Temp °C | Temp °F |
| Carbon Steel | 536 | 997 |
| 304 SS | 925 | 1697 |
| 309 SS | 1095 | 2003 |
| 310 SS | 1150 | 2102 |
| 316 SS | 925 | 1697 |
| 321 SS | 925 | 1697 |
| 347 SS | 925 | 1697 |
| 410 SS | 705 | 1301 |
| 430 SS | 815 | 1499 |
| 501 SS | 649 | 1200 |
| Alloy 20 | 815 | 1499 |
| Aluminium | 427 | 801 |
| Brass | 260 | 500 |
| Copper | 260 | 500 |
| Hastelloy B & C | 1095 | 2003 |
| Inconel 600 | 1095 | 2003 |
| Incolloy 800 | 871 | 1600 |
| Monel | 815 | 1499 |
| Nickel | 760 | 1400 |
| Phospor Bronze | 260 | 500 |
| Tantalum | 1649 | 3000 |
| Titanium | 1095 | 2003 |

| Model R or RX | | | | | | | |
|---|-------------------------------|--------|--------|--------|--------|--------|--------|
| For Flanges in accordance with ASME B16.5 and BS 1560 | | | | | | | |
| Nominal (Inches) | Ring Number at pressure (psi) | | | | | | |
| | 150 | 300 | 400 | 600 | 900 | 1500 | 2500 |
| 1/2 | - | R11 | - | R11 | - | R12 | R13 |
| 3/4 | - | R13 | - | R13 | - | R14 | R16 |
| 1 | R15 | R16 | - | R16 | - | R16 | R18 |
| 1 1/4 | R17 | R18 | - | R18 | - | R18 | R21 |
| 1 1/2 | R19 | R/RX20 | - | R/RX20 | - | R/RX20 | R/RX23 |
| 2 | R22 | R/RX23 | - | R/RX23 | - | R/RX24 | R/RX26 |
| 2 1/2 | R/RX25 | R/RX26 | - | R/RX26 | - | R/RX27 | R28 |
| 3 | R29 | R/RX31 | - | R/RX31 | R/RX31 | R/RX35 | R32 |
| 3 1/2 | R33 | R34 | - | R34 | - | - | - |
| 4 | R36 | R/RX37 | R/RX37 | R/RX37 | R/RX37 | R/RX39 | R38 |
| 5 | R40 | R/RX41 | R/RX41 | R/RX41 | R/RX41 | R/RX44 | R42 |
| 6 | R43 | R/RX45 | R/RX45 | R/RX45 | R/RX45 | R/RX46 | R/RX47 |
| 8 | R48 | R/RX49 | R/RX49 | R/RX49 | R/RX49 | R/RX50 | R51 |
| 10 | R53 | R/RX53 | R/RX53 | R/RX53 | R/RX53 | R/RX54 | R55 |
| 12 | R56 | R/RX57 | R/RX57 | R/RX57 | R/RX57 | R/RX58 | R60 |
| 14 | R59 | R61 | R61 | R61 | R62 | R/RX63 | - |
| 16 | R64 | R/RX65 | R/RX65 | R/RX65 | R/RX66 | R67 | - |
| 18 | R68 | R/RX69 | R/RX69 | R/RX69 | R/RX70 | R71 | - |
| 20 | R72 | R/RX73 | R/RX73 | R/RX73 | R/RX74 | R75 | - |
| 24 | R76 | R77 | R77 | R77 | R78 | R79 | - |

* Maximum temperature limitations are set by the metals used to construct the gaskets, flanges, pipelines and system apparatus. The presence of contaminating fluids and cyclic conditions reduce the maximum temperatures.