

www.spitmaan.com

**TOUGH
TO BEAT**

SPITMAAN[®]

**SPIRAL
WOUND
GASKETS**



Spitmaan Spiral Wound gaskets are manufactured with alternate layers of preformed metallic windings and pliant fillers that are spirally wound. The filler material seals the internal pressure across wide range of media applications. Spitmaan Gaskets are certified for emission control applications and will seal flanges where temperature, pressure, vibration or flow rates are beyond the capability of conventional jointing materials. For standard gaskets, the dimensions, manufacturing and testing parameters are governed by ASME B16.20.



FEATURES AND BENEFITS

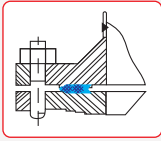
- Gaskets are made to a wide variety of sizes and shapes
- Combinations of metal winding strip and filler are selected to suit the fluid media and other operating conditions
- Quick to install and remove
- Operate at temperatures from cryogenic up to 650 °C. (Can be increased for specific applications)
- System pressures from high vacuum to over 2500 psi. (Can be increased for specific applications)
- Support rings, inside and/ or outside of spiral winding, make gasket suitable for high line pressure on flat or raised flange faces



APPLICATION GUIDANCE

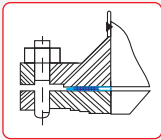
- Applications include Oil Refineries, Chemical, Petrochemical, Marine, Power Plants, Pulp, Pipelines, Pressure vessels on steam, metallurgical, nuclear, and hydraulic plants including heat exchangers. Spitmaan gaskets are recommended for flange joints where bolt loading is limited
- Suitable for standard ASME B 16.20a: 1994, ASME B 16.5, ASME B16.5 Series A (MSS- SP 44), ME B16.5 Series B (ASME B16.47 supersedes API 605), IS 7719: 2013, DIN & JIS flanges
- Non-standard dimensions Ø10 mm up to Ø3500 mm
- Non-circular manholes, handholes, tubecaps and plugs for boilers and vessels

SPIRAL WOUND GASKETS



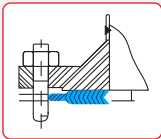
Style -W

Gasket is constructed with only circular filler winding (recommended only for Tongue & Groove flanges)



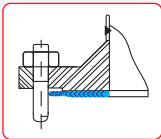
Style WIR

Gasket is constructed circular filler winding and with inner ring



Style WOR

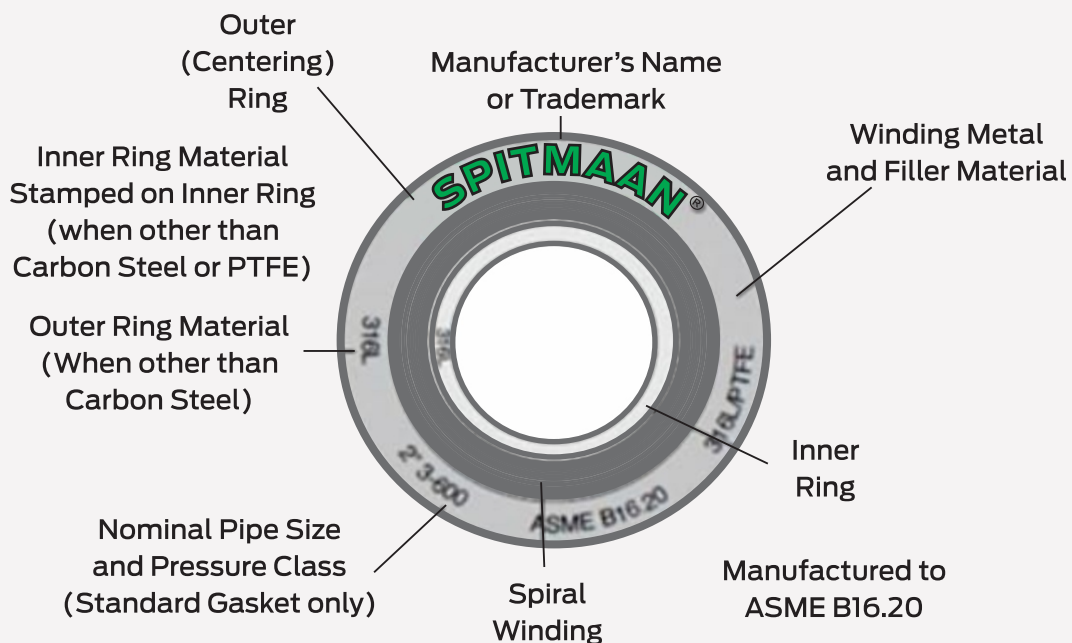
This gasket is constructed with an outer centering ring and inner circular metal/filler winding



Style WIROR

This gasket is constructed with an outer centering ring, inner ring and a circular metal/filler winding in between

Gasket Identification Markings Required by ASME B16.20



STANDARD FILLER MATERIALS

- Flexible Graphite (GR)
- Expanded PTFE (ePTFE)
- Sintered PTFE (PTFE)
- Other fillers on request

AVAILABLE WINDING AND RING MATERIALS

- | | | | |
|--------|------------------------|------------------------|-----------------------|
| • 304 | • 310 | • Incoloy [®] | • Alloy 20 |
| • 304L | • 321 | • B2 & C276 | • Duplex [®] |
| • 316 | • 347 | • Monel [®] | • CS |
| • 316L | • Inconel [®] | • 17-7 PH | |
| • 316L | | | |

Part Number : SWGGRW (Only Winding & Graphite Filler) , SWGGRWIR (with Graphite Filler & Inner Ring), SWGGRWIROR (with Graphite Filler & Inner ring & Outering). While ordering please suffix with the material of Winding, Inner Ring and Outer ring, Size in mm. Class of gasket to follow SWG & SPL to be suffixed for all special requirements.

eg. SWG-0150-PTFE-316W-316IR-CSOR-0015 - Spiral Wound gasket,Class #150,PTFE filler, SS316 winding, SS316Inner Ring & CS Outer ring, Size - 15 mm

Amtec Testing Rig



Methane Testing Rig



For detailed selection criteria, technical information, installation guideline and a complete listing of local sales offices please visit www.spitmaan.com

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