

Sealmax Style 930 – Spiral Wound Gaskets



Sealmax Style 930 – Spiral Wound Gaskets are high-performance metallic sealing solutions designed for demanding service conditions involving high pressure, high temperature, and fluctuating operating parameters.

Style 930 consists of a V-shaped metal winding strip spirally wound with a soft filler material, providing excellent resilience, recovery, and sealing integrity across a wide range of industrial applications.

Style 930 is available in standard configurations as well as customized sizes and designs to suit specific flange dimensions and operating requirements. These gaskets are manufactured in accordance with ASME B16.20 and other relevant international standards, ensuring reliable performance in critical flange joints.

Construction:

- Metal Winding Strip – provides mechanical strength and resilience
- Soft Filler Material – ensures sealing performance and conformability
- Outer Ring (optional) – ensures proper centering and prevents over-compression
- Inner Ring (optional) – enhances sealing performance and protects winding from process media

Key Features:

- Excellent sealing performance under extreme pressure and temperature conditions
- High mechanical strength and blowout resistance
- Outstanding recovery and resilience
- Suitable for cyclic loading and thermal fluctuations
- Wide chemical compatibility depending on filler selection
- Available in standard and customized dimensions

Available configurations (drawings provided at the end):

- Basic Type (without rings) – recommended for tongue and groove flanges (operating pressure – Max. 140 Bar).
- With Outer Ring – recommended for raised face and flat face flanges; ensures proper centering and prevents over-compression (operating pressure – Max. 300 Bar).
- With Inner and Outer Ring – recommended for raised face and flat face flanges; this type prevent turbulence, protects flanges from erosion, and shields the inner winding from high temperatures (operating pressure – Max. 300 Bar).
- With Inner Ring – recommended for male – female flanges (operating pressure – Max. 300 Bar).

MATERIALS OF CONSTRUCTION

WIDING MATERIAL	FILLER MATERIAL	OUTER RING MATERIAL	INNER RING MATERIAL
SS304, SS316 or other materials on request	Graphite, PTFE or other materials on request	SS304, SS316, or other materials /coatings on request	SS304, SS316 or other materials on request

OPERATING LIMITS

	PTFE FILLER	GRAPHITE FILLER
Operating Temperature	-240 °C to +260 °C	-240 °C to +450 °C

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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