

SPIRAL WOUND GASKET WITH INNER RING, MATERIAL: 1.4541/PTFE

6413SD30

The Spiral Wound Gasket consists of a spirally wound, beaded metal strip made from stainless steel 1.4541. A PTFE soft material strip [unsintered] protruding on both sides is inserted between the individual windings.



The inner support ring [material: 1.4541] stabilizes the spiral on the inner diameter. This gasket type has no outer support and centering ring and is suitable for the use in male-female flange systems.

Spiral Wound Gaskets are particularly suitable for applications with high operating pressures and critical operating conditions.

Material combinations other than shown here are available on request.

Operating data

Temperatur [min]	-269 °C
Temperatur [max]	260 °C
Pressure [max]	320 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$45 \times b_d$
k_1 [mm]	$1,2 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	300
$\sigma_{VU 0,1}$ [N/mm ²]	45
m [DIN 28090]	1.2
$\sigma_{B0 200 \text{ °C}}$ [N/mm ²]	240

Gasket characteristics ASME

m [ASME]	3
Y [PSI]	6600

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a431d485cbe>

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Flange shapes

Male-Female [form SR]

Apparatus, customized

With partition bars

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

Last Changed 2023-12-01