

SPIRAL WOUND GASKET WITH INNER RING, MATERIAL: 1.4541/GRAPGITE 6411SD30

The Spiral Wound Gasket consists of a spirally wound, beaded metal strip made from stainless steel 1.4541. A graphite soft material strip [purity 98%C] 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	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Pressure [max]	320 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$50 \times b_d$
k_1 [mm]	$1,4 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	300
$\sigma_{VU 0,1}$ [N/mm ²]	50
m [DIN 28090]	1.4
$\sigma_{B0 300 °C}$ [N/mm ²]	220

Gasket characteristics ASME

m [ASME]	3
Y [PSI]	7300

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e49b869a30836>

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

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

BAM oxygen

BAM oxygen [liquid]

WRAS

Drinking water certificate HY

Flange shapes

Male-Female [form SR]

Apparatus, customized

With partition bars

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