

SPIRAL WOUND GASKET WITH OUTER RING, MATERIAL: 1.4541/PTFE/CARBON STEEL

6415SD20

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 outer support ring [material: carbon steel, corrosion protected] stabilizes the spiral on the outer diameter and also ensures the centering between the flange bolts.

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

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]	150
$\sigma_{VU 0,1}$ [N/mm ²]	45
m [DIN 28090]	1.2
$\sigma_{B0 200 °C}$ [N/mm ²]	130

Gasket characteristics ASME

m [ASME]	3
Y [PSI]	6600

Flange shapes

Self-centering, Raised Face [form IBC]

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a3c825944da>

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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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