

# SPIRAL WOUND GASKET WITHOUT INNER AND OUTER RING, MATERIAL: 1.4404/PTFE

6043SD01

The Spiral Wound Gasket consists of a spirally wound, beaded metal strip made from stainless steel 1.4404. A PTFE soft material strip [unsintered] protruding on both sides is inserted between the individual windings.



This gasket type has no inner and outer support ring. They can be produced in several gasket thicknesses in order to be used also in tongue and groove connections in the range of common groove depths.

Spiral Wound Gaskets are particularly suitable for applications with high operating pressures and critical operating conditions [e.g. alternating loads].

Material combinations other than shown here are available on request.

## Operating data

Temperatur [min]	-269 °C
Temperatur [max]	260 °C
Pressure [max]	160 bar

## Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$45 \times b_d$
k1 [mm]	$1,2 \times b_d$

## Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	150
$\sigma_{VU 0,1}$ [N/mm <sup>2</sup> ]	45
m [DIN 28090]	1.2
$\sigma_{B0 200 \text{ °C}}$ [N/mm <sup>2</sup> ]	130

## Gasket characteristics ASME

m [ASME]	3
Y [PSI]	6600

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a325406891d>

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## Flange shapes

Tongue and Groove (form TG)

Apparatus, customized

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