

SPIRAL WOUND GASKET WITH OUTER RING, MATERIAL: 316L/GRAPHITE/C-STEEL

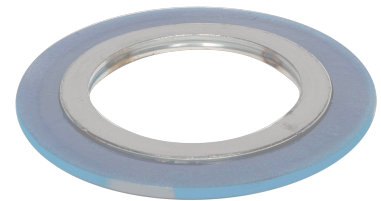
6046SD20

The Spiral Wound Gasket consists of a spirally wound, beaded metal strip made from stainless steel 316L. A graphite soft material strip [purity 98%] 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.

Material combinations other than shown here are available on request.



Operating data

Temperatur [min]	-60 °C
Temperatur [max]	300 °C
Pressure [max]	320 bar

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	150
$\sigma_{VU 0,1}$ [N/mm ²]	50
m [DIN 28090]	1.4

Gasket characteristics ASME

m [ASME]	3
Y [PSI]	7300

This datasheet on the internet: <https://idt-gaskets.com/products/test/u6a2669eb1e371dd2>

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Last Changed 2026-06-08

Approvals and test reports

BAM oxygen

Drinking water certificate HY

Flange shapes

Self-centering, Raised Face [form IBC]

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