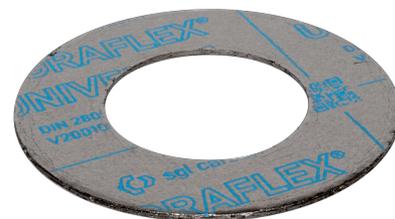


FLAT GASKET SIGRAFLEX® UNIVERSAL (GRAPHITE WITH PERFORATED STEEL INSERT)

3862FD01

The flat gasket consists of a perforated stainless steel plate [1.4401] with graphite foil layer on both sides. Bond is non-adhesive. The graphite covering layers are impregnated.



Operating data

Temperatur	450 °C
Temperatur (min)	-269 °C
Temperatur (max)	550 °C
Pressure (max)	100 bar

Gasket characteristics EN 13555

Dichtungskennwerte 2 mm [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/28C8_269

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$22 \times b_d$
k1 [mm]	$1,3 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	160
$\sigma_{VU 0,1}$ [N/mm ²]	22
m [DIN 28090]	1.3
$\sigma_{B0 300 °C}$ [N/mm ²]	140

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2000

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e497912240632>

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

Last Changed 2025-01-29

Approvals and test reports

Blow-out resistance

VdTÜV Merkblatt Dichtung 100

BAM oxygen

BAM oxygen [liquid]

Gas [DIN 3535-6]

EG 1935/2004

Flange shapes

Self-centering, Raised Face (form IBC)

Male-Female (form SR)

Apparatus, customized

With partition bars

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e497912240632>

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