

SIGRAFLEX® HOCHDRUCK FLAT GASKETS

3885FD01

The flat gaskets have a multi-layer, non-adhesive bond structure. The graphite foils [type Z] are 0,5 mm and the stainless steel foils are 0,05 mm thick. The graphite covering layers are impregnated.



Operating data

Temperatur	450 °C
Temperatur (min)	-269 °C
Temperatur (max)	550 °C
Pressure (max)	250 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$18 \times b_d$
k1 [mm]	$1,3 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm²]	270
$\sigma_{VU 0,1}$ [N/mm²]	18
m [DIN 28090]	1.3
$\sigma_{B0 300 °C}$ [N/mm²]	210

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2500

Approvals and test reports

TA Luft 2002 (VDI 24A0/2200)

Blow-out resistance

VdTÜV Merkblatt Dichtung 100

BAM oxygen

BAM oxygen (liquid)

Gas [DIN 3535-6]

EG 1935/2004

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4991698b9e1c>

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Further sealing systems and technical information can be found idt-gaskets.com

Last Changed 2025-01-29

Flange shapes

Self-centering, Raised Face (form IBC)

Tongue and Groove (form TG)

Male-Female (form SR)

Apparatus, customized

With partition bars

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