

SIGRAFLEX® HOCHDRUCK PRO FLAT GASKET WITH INNER EYELET AND PRE-COMPRESSION IN THE OUTER SEALING AREA

3888FD11

The basic structure corresponds to the Sigraflex Hochdruck flat gasket with inner eyelet. However, the Gasket is additionally pre-compressed in the outer area. Due to the reduced surface area, lower surface pressures are required when installing the flat gasket.



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]	$15 \times b_d$
k_1 [mm]	$1,3 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	230
$\sigma_{VU 0,1}$ [N/mm ²]	15
m [DIN 28090]	1.3
$\sigma_{B0 150 \text{ °C}}$ [N/mm ²]	180
$\sigma_{B0 300 \text{ °C}}$ [N/mm ²]	160

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	3000

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a218b2d87bc>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

Blow-out resistance

BAM oxygen

BAM oxygen [liquid]

Gas [DIN 3535-6]

Flange shapes

Self-centering, Raised Face [form IBC]

With partition bars

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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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