

SIGRAFLEX® MF FLAT GASKET WITH INNER EYELET

3870FD10

Core of this gasket consists of a graphite seal with stainless steel insert. The gasket is covered with a thin stainless steel foil (0,05 mm) on both side. This is then covered with a thin PTFE layer (0,05 mm). The gasket models also have an inner eyelet. The system demonstrates excellent sealing properties and can also be used as an alternative for PTFE sealing systems.



Operating data

Temperatur	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	300 °C
Pressure [max]	160 bar

Gasket characteristics EN 13555

Dichtungskennwerte 2 mm [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/0000_579

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$10 \times b_d$
k1 [mm]	$1,3 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	220
$\sigma_{VU 0,1}$ [N/mm ²]	10
m [DIN 28090]	1.3
$\sigma_{B0 300 \text{ °C}}$ [N/mm ²]	210

Gasket characteristics ASME

m [ASME]	2
Y [PSI]	1500

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e49e9d592d5f5>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

Fire Safe Test

Blow-out resistance

BAM oxygen

Gas [DIN 3535-6]

Flange shapes

Self-centering, Raised Face [form IBC]

Male-Female [form SR]

Apparatus, customized

With partition bars

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