

SIGRAFLEX® ECONOMY FLAT GASKET

3840FD01

Sigraflex Economy flat gaskets combine flexible graphite foils with one or two stainless steel foils [0.05 mm] for maximum stability. Thanks to oxidation and passive corrosion inhibitors, they guarantee outstanding resistance. Their chemical robustness and adaptability make them highly versatile. They remain soft and retain their compression and springback over long periods of time in the event of temperature fluctuations. Plus point: the bonded composite is PFAS-free.



Operating data

Temperatur	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Pressure [max]	100 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	35
k1 [mm]	1,3

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	140
$\sigma_{VU 0,1}$ [N/mm ²]	35
m [DIN 28090]	1.3
$\sigma_{B0 300 °C}$ [N/mm ²]	100

Gasket characteristics ASME

m [ASME]	2
Y [PSI]	1500

Approvals and test reports

Gas [DIN 3535-6]

Flange shapes

Self-centering, Raised Face [form IBC]

Apparatus, customized

With partition bars

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/n65782b4d3f0a91cb>

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