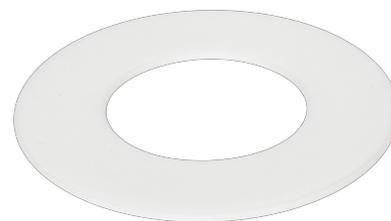


PTFE FLAT GASKET FROM DYNEON™ TFM™ 1600

7110FD01

Basic material for the flat gaskets is the modified cold flow reduced TFM™ 1600 by Dyneon™.



TFM™ is a modified PTFE [mPTFE]. This material is still part of our portfolio. Alternatively, we process mPTFE such as INOFLON® M295 or DAIKIN® MG3 MOD-FF/HD.

Operating data

Temperatur [min]	-269 °C
Temperatur [max]	200 °C
Pressure [max]	40 bar

Gasket characteristics EN 13555

Gasket Characteristics [IDT]

https://atopim.idt-gaskets.com/upload/files/06lsx/xjzn3/8tonu/3itw6/ned8w/q8sb5/FD01-WS 7110-2,0 mm_Rev01.pdf

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$10 \times b_d$
k_1 [mm]	$1,1 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	50
$\sigma_{VU 0,1}$ [N/mm ²]	10
m [DIN 28090]	1.1
$\sigma_{B0 150 \text{ °C}}$ [N/mm ²]	35
$\sigma_{B0 300 \text{ °C}}$ [N/mm ²]	130

Gasket characteristics ASME

m [ASME]	1.5
Y [PSI]	3400

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f1c55cb1b161e46>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

BAM oxygen

BAM oxygen [liquid]

Drinking Water [KTW; WRAS]

WRAS

W270

FDA [Food]

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/61f1c55cb1b161e46>

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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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