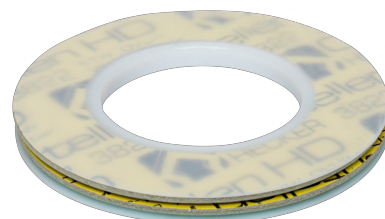


PTFE TFM™ ENVELOPE GASKET, WITH INNER DIFFUSION BARRIER, STAINLESS STEEL CORRUGATED RING AND 2 COMPRESSED ARAMID FIBRE INSERTS

7158ED30

The PTFE envelope is made of TFM™ 1600 with an inner diffusion barrier [3 mm wide], a corrugated ring [1.4571] and two fibre inserts in [each 2 mm thick]. The seal features high resilience and is recommended by leading enamel flange manufacturers from DN 250 upwards; it is however available in all nominal widths.



Operational Data

Temperature [min]	-50 °C
Temperature [max]	150 °C
Pressure [max]	40 bar
Short-term	200 °C

Dichtungskennwerte EN 13555

Dichtungskennwerte [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/28C8_360

Dichtungskennwerte DIN 2505 V

$K_0 \times K_d$ [N/mm]	$12 \times b_d$
k_1 [mm]	$1,1 \times b_d$

Dichtungskennwerte ASME

m	2
Y [PSI]	1800

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4aa6fba212d>

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

Last Changed 2023-02-16

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

Food [FDA]

EG 1935/2004

Flanschformen

Enamelled flange

GfK flange

Plastic flange

Steel-Ptfe flange

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4aa6fba212d>

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