

# PTFE TFM™ ENVELOPE GASKET, WITH INNER DIFFUSION BARRIER AND EPDM INSERT

7176ED10

The PTFE envelope is made of TFM™ 1600 with an inner diffusion barrier [3 mm wide] and a EPDM insert [3 mm thick].



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]	-30 °C
Temperatur [max]	120 °C
Pressure [max]	10 bar

## Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	20
$\sigma_{VU 0,1}$ [N/mm <sup>2</sup> ]	8
m [DIN 28090]	1

## Approvals and test reports

Drinking Water [KTW; WRAS]

W270

FDA [Food]

EG 1935/2004

## Flange shapes

Self-centering, Raised Face [form IBC]

Glass-lined, Enamelled flange

GRP flange

Plastic flange

PTFE-lined steel flange

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/y692572e94e8e3b26>

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