

ENVELOPE GASKETS MADE OF MODIFIED PTFE (TFM™ 1600) WITH INTERNAL DIFFUSION BARRIER AND STAINLESS STEEL CORRUGATED RING, FIRE-SAFE DESIGN

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The casing of the PWI Gaskets is made of TFM™ 1600 with an internal diffusion barrier [4 mm]. The stainless steel corrugated ring used [standard 1.4571] has a pitch of 3 mm and has a center outlet. The graphite layers on the outside protect the PTFE inside from direct exposure to flames in the event of a fire.



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]	250 °C
Pressure [max]	40 bar

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	90
$\sigma_{V0,0,1}$ [N/mm ²]	12
m [DIN 28090]	1

Gasket characteristics ASME

m [ASME]	2
Y [PSI]	1800

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/a6926ec719fcab293>

General information: All information given in this Technical Information sheet represents our current level of knowledge and serves as information on our products and their respective scopes. It is not meant to ensure any particular properties of any product or the suitability of any product for any specific application, neither does it create any liability on our part. © Copyright by IDT

Approvals and test reports

Fire Safe Test

WRAS

W270

FDA [Food]

EG 1935/2004

Flange shapes

Self-centering, Raised Face [form IBC]
