

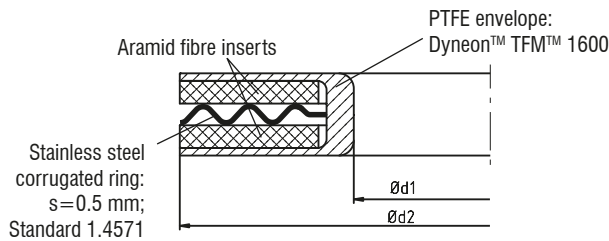
# PTFE envelope gasket with inner diffusion barrier, corrugated ring and two aramid fibre inserts (IDT Style: ED30)



The PTFE envelope is made of modified Dyneon™ TFM™ 1600 and incorporates an inner diffusion barrier (3 mm wide), a corrugated ring (1.4571) and two fibre inserts in (each 2 mm thick).

The seal is preferably suitable for use in the enamel sector, where aggressive chemical media are present, where a high degree of product purity is required and in FDA applications.

## Construction



## Operating limits

■ Operating pressure :	max. 20 bar
■ Operating temperature :	-50 °C to +150 °C
■ Recommended continuous operating temperature :	up to max. +100 °C

Max. temperature and max. pressure must not be permitted to occur simultaneously.

## Gasket characteristics DIN 28090 (thickness = 6.5 mm)

$\sigma_{VU}$ :	12	N/mm <sup>2</sup>
$\sigma_{VO}$ :	60	N/mm <sup>2</sup>
$\sigma_{BO 150^\circ C}$ :	55	N/mm <sup>2</sup>
$m_{DIN 2505}$ :	1.1	

## Approvals

- FDA compliant (parts in contact with product)
- TA-Luft 2002 (VDI 2440/2200)

<sup>1)</sup> TA-Luft: German Technical Instructions on Air Quality Control

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 All information given in this Technical Information sheet represents our current level of knowledge and serves as information on our products and their respective scope. 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.  
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