

**SITTECH®**

TECHNICAL DATA SHEETS

PTFE GASKETS



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD01
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 7115

- Very good media resist. [except liquid alkali mtl.]
- Temperature resistant, UV- and ageing resistant
- Low permeability towards gases and liquids

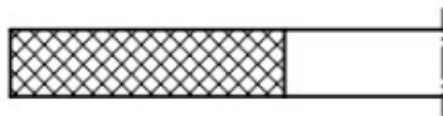
- Widely used in chemical and petro-chemical sector
- Pipeline and device flanges, pumps and valves
- Use in food sector and pharmaceutical production

PRODUCT NAME

Non-metallic gasket
with 25% glass fiber content
TFM™ 4105

PROFILE

FD01



FEATURES

Sealing system made from modified, cold flow reduced Dyneon™ TFM™ 4105 with a glass fiber content of 25%. The modification and the glass fiber content cause a reduced cold flow and an increased pressure stability in comparison to standard PTFE. The chemical resistance is only slightly impacted by the glass fiber content.

OPERATIONAL DATA

Pressure Max. 16 bar²

Temperature Max. 150°C

Density [mDIN 2505]

$\sigma_{VU0.1}$

σ_{VO}

$\sigma_{BO150^\circ C}$ [200°C]

APPROVALS

TA Luft 2002 [VDI 2440/2200] X

BAM oxygen X

BAM ethylene/propylene

DVGW [DIN 3535-6]

KTW-guideline

Fire Safe Test

FDA X

EG 1935/2004

Blow-out resistance

Germanischer Lloyd

Notes: ² Max. pressure and max. temperature should not occur at the same time