

**SITTECH®**

TECHNICAL DATA SHEETS

PTFE GASKETS



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD11
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 7745 HB

- High longitudinal/cross strength and pressure stab.
- Very good media resist. [except liquid alkali mtl.]
- Excellent [di]electric properties, prime elasticity

- Widely used in chemical and petro-chemical sector
- Pipeline and device flanges, pumps and valves
- Food/pharmacy sector and oxygen applications

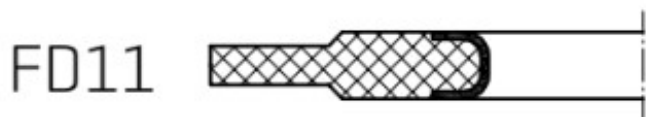
PRODUCT NAME

ePTFE non-metallic gasket
UNIFLUOR®
with TFM™-inner eyelet and pre-comp. edge

FEATURES

Optimised ePTFE non-metallic gasket with a homogeneous inner eyelet made from TFM 1600 as well as a pre-compressed edge. For use in stress-sensitive gasket connections [e.g. plastic flanges] with extremely low leakage rates, very low surface pressures and highest requirements for to product purity.

PROFILE



OPERATIONAL DATA

Pressure	Max. 40 bar ²
Temperature	-200°C to 200°C [short term 250°C]
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
σ_{VO}	
$\sigma_{BO150^\circ C [200^\circ C]}$	

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	X
Blow-out resistance	
Germanischer Lloyd	

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