

**SITTECH®**

TECHNICAL DATA SHEETS

PTFE GASKETS



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD01
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 7550

- 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

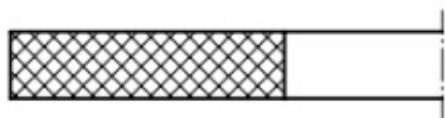
PRODUCT NAME

Non-metallic gasket, UNIFLUOR®
Colour code: blue
Filler: Glass microspheres

FEATURES

Sealing system made from a high quality, biaxial aligned gasket material on PTFE basis filled with glass microspheres. Excellent plasticity with high, chemical resistance.

PROFILE

FD01

OPERATIONAL DATA

Pressure	Max. 60 bar ²
Temperature	-200°C to 260°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	
BAM ethylene/propylene	
DVGW [DIN 3535-6]	
KTW-guideline	
Fire Safe Test	
FDA	X
EG 1935/2004	X
Blow-out resistance	
Germanischer Lloyd	X

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