



## TECHNICAL DATA SHEETS

## PTFE GASKETS



**CATEGORY:** FLANGE SEAL  
**MANUFACTURER:** IDT  
**PROFILE:** FD01  
**DIMENSION:** EN 1514-1 [EN12560-1]  
**MATERIAL:** WS 7551

- 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

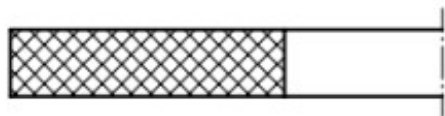
Non-metallic gasket, UNIFLUOR®  
Colour code: brown  
Filler: Quartz

### FEATURES

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

### PROFILE

FD01



### OPERATIONAL DATA

Pressure	Max. 80 bar <sup>2</sup>
Temperature	-200°C to 260°C
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
$\sigma_{VO}$	
$\sigma_{BO150^\circ C}$ [200°C]	

### APPROVALS

TA Luft 2002 [VDI 2440/2200]	X
BAM oxygen	X
BAM ethylene/propylene	X
DVGW [DIN 3535-6]	
KTW-guideline	
Fire Safe Test	
FDA	X
EG 1935/2004	X
Blow-out resistance	
Germanischer Lloyd	X

**Notes:** <sup>2</sup> Max. pressure and max. temperature should not occur at the same time