



TECHNICAL DATA SHEETS



PTFE GASKETS

CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD04
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 7110 / WS 7221

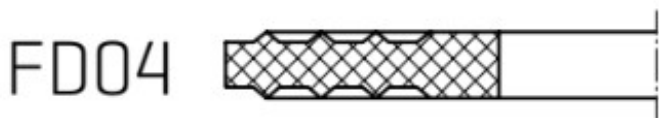
- Very good media resist. [except liquid alkali mtl.s.]
- Temperature resistant, UV- and ageing resistant
- Low permeability towards gases and liquids

- 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, serrated
TFM™ 1600 or TFM 6221™ [conductive]

PROFILE



FEATURES

Sealing system made from modified, cold flow reduced Dyneon™ TFM™ 1600 without fillers [WS 7110] or high quality, electrically conductive Dyneon™ TFM™ 6221 [WS 7221]. Characterised by a dense, homogeneous, almost non-porous polymer structure. Maximum chemical resistance. FDA-conform. Low installation surface pressure necessary and suitable for plastic flange connections.

Complies with TA Luft and VDI 2290¹.

OPERATIONAL DATA

Pressure	Max. 20 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	
BAM ethylene/propylene	
DVGW [DIN 3535-6]	
KTW-guideline	
Fire Safe Test	
FDA	X
EG 1935/2004	
Blow-out resistance	
Germanischer Lloyd	

Notes: ¹ complies with VDI 2290 only in combination with a leakage certificate as per EN 1591-1

² max. pressure and max. temperature should not occur at the same time * for additional information refer to approvals