



TECHNICAL DATA SHEETS

CORRUGATED METAL GASKET



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD10
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 3865 IB

- Very good media resistance
- Low permeability towards gases and liquids
- Long-term stable compression and recovery char.

- Gaskets for pipeline, device and container flanges
- Chemical, petro-chemical and natural gas industry
- Power stations, thermal oil and heating plants

PRODUCT NAME

Non-metallic gasket
with inner eyelet
SIGRAFLEX® UNIVERSAL

FEATURES

Sealing system made from SIGRAFLEX® UNIVERSALPRO; waterproofed, with sheet reinforcement insert made from 0.1mm stainless steel 316L; optimised inner eyelet made from stainless steel 1.4571; standard thickness 2.0mm.

PROFILE

FD10



Blow-out resistant, sturdy, high strength and easy to handle. Good gas tightness.

OPERATIONAL DATA

Pressure	Max. 160 bar
Temperature	-250°C to 550°C ³
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
σ_{VO}	
$\sigma_{BO300^\circ C}$ [200°C]	

APPROVALS

TA Luft 2002 [VDI 2440/2200]

BAM oxygen X

BAM ethylene/propylene

DVGW [DIN 3535-6] X

KTW-guideline

Fire Safe Test X

FDA

EG 1935/2004

Blow-out resistance X

Germanischer Lloyd

Notes: ³ upward of 450°C please consult the manufacturer