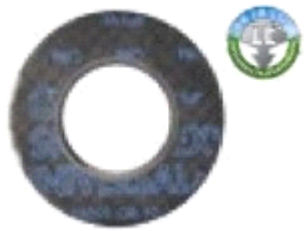


**SITTECH®**

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 PRO

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



Complies with TA Luft and VDI 22901, is 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]	X
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: ¹ complies with VDI 2290 only in combination with a leakage certificate as per EN 1591-1

³ upward of 450°C please consult the manufacturer