



TECHNICAL DATA SHEETS

CORRUGATED METAL GASKET



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD01
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 3885

- 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

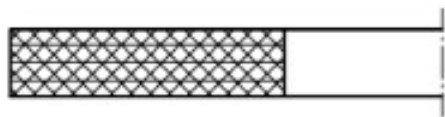
Non-metallic gasket
SIGRAFLEX® HOCHDRUCK

FEATURES

Sealing system made from SIGRAFLEX® HOCHDRUCK; waterproofed, inserts without adhesives made from 0.05mm stainless steel 316L; standard thickness 2.0mm.

PROFILE

FD01



Complies with TA Luft, is blow-out resistant, sturdy, is high strength and easy to handle. Operating pressures up to 250 bar. Suitable for use for liquefied natural gas [LNG] and liquefied petroleum gas [LPG]: Application on ships, terminals and storage tanks. Evaluation as per food laws, LNG/PNG, TRD 401, US Coast Guard.

OPERATIONAL DATA

Pressure	Max. 250 bar
Temperature	-250°C to 550°C ³
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
σ_{VO}	
$\sigma_{B0300^{\circ}C [200^{\circ}C]}$	

APPROVALS

TA Luft 2002 [VDI 2440/2200]	at 60 Mpa [nut/groove]
BAM oxygen	X
BAM ethylene/propylene	X
DVGW [DIN 3535-6]	X
KTW-guideline	
Fire Safe Test	X
FDA	
EG 1935/2004	
Blow-out resistance	X
Germanischer Lloyd	X

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