



## TECHNICAL DATA SHEETS



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

## CORRUGATED METAL GASKET

**CATEGORY:** FLANGE SEAL  
**MANUFACTURER:** IDT  
**PROFILE:** FD11  
**DIMENSION:** EN 1514-1 [EN12560-1]  
**MATERIAL:** WS 3885 HB

- 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 and pre-compressed edge  
SIGRAFLEX® HOCHDRUCK**

### PROFILE

FD11



### FEATURES

Sealing system made from SIGRAFLEX® HOCHDRUCK; waterproofed, inserts without adhesives made from 0.05mm stainless steel 316L; optimised inner eyelet made from stainless steel 1.4571; standard thickness 2.0mm.

Complies with TA Luft, is blow-out resistant, sturdy, is high strength and easy to handle. High operating pressures up to 250 bar, suitable for seals which have only low surface pressures. Highly gas-tight.

### OPERATIONAL DATA

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

### APPROVALS

TA Luft 2002 [VDI 2440/2200]	X
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	

**Notes:** <sup>3</sup> upward of 450°C please consult the manufacturer