

**SITTECH®**

## TECHNICAL DATA SHEETS



## CORRUGATED METAL GASKET

**CATEGORY:** FLANGE SEAL**MANUFACTURER:** IDT**PROFILE:** FD10**DIMENSION:** EN 1514-1 [EN12560-1]**MATERIAL:** WS 3870 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® MF**

### PROFILE

**FD10**

### FEATURES

Sealing system consisting of three components: with optimised inner eyelet for minimum leakage and maximum safety whilst highly chemically resistant. Complies with highest requirements to keep the operating medium clean. Parts in contact with media are FDA-conform. Very good media resistance [specifically against corrosive substances and chemicals]. No adhesion to the flange surface; low assembly effort.

Complies with TA Luft and VDI 2290<sup>1</sup>.

### OPERATIONAL DATA

Pressure	Max. 160 bar
Temperature	-200°C to 300°C
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
$\sigma_{VO}$	
$\sigma_{B0300^\circ C [200^\circ C]}$	

### 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	X
EG 1935/2004	X
Blow-out resistance	X
Germanischer Lloyd	

**Notes:** <sup>1</sup> complies with VDI 2290 only in combination with a leakage certificate as per EN 1591-1