

**SITTECH®**

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: FD30
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 3870 DB

- 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 and outer eyelet
SIGRAFLEX® MF

PROFILE

FD30

FEATURES

Sealing system made from three components: with inner and outer eyelet for minimal leakage and maximum safety whilst highly chemically resistant. Complies with highest requirements to keep the operating medium clean. 100% chambering of the graphite due to inner and outer eyelets. 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 2290¹.

OPERATIONAL DATA

Pressure	Max. 160 bar
Temperature	-200°C to 300°C
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
σ_{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: ¹ complies with VDI 2290 only in combination with a leakage certificate as per EN 1591-1



SITTECH®

