

**SITTECH®**

## TECHNICAL DATA SHEETS



## PTFE GASKETS

|               |                       |
|---------------|-----------------------|
| CATEGORY:     | FLANGE SEAL           |
| MANUFACTURER: | IDT                   |
| PROFILE:      | FD30                  |
| DIMENSION:    | EN 1514-1 [EN12560-1] |
| MATERIAL:     | WS 7110 DB            |

- Very good media resist. [except liquid alkali mtl.]
- Temperature resistant, UV- and ageing resistant
- Low permeability towards gases and liquids

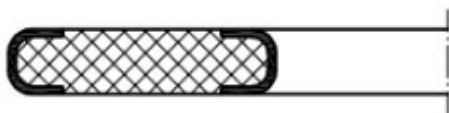
- Widely used in chemical and petro-chemical sector
- Pipeline and device flanges, pumps and valves
- Use in food sector and pharmaceutical production

### PRODUCT NAME

Non-metallic gasket  
with inner and outer eyelet  
TFM™ 1600

### PROFILE

FD30



### FEATURES

Sealing system made from modified, cold flow reduced Dyneon™ TFM™ 1600 with inner and outer eyelet was developed specifically for tongue and groove areas, male and female flanges and similar applications. The double eyelets create a chambering effect. Material extrusions into the sealing gap and flowing of the gasket are prevented by eyelets.

### OPERATIONAL DATA

|                                  |                          |
|----------------------------------|--------------------------|
| Pressure                         | Max. 40 bar <sup>2</sup> |
| Temperature                      | Max. 200°C               |
| Density [mDIN 2505]              |                          |
| $\sigma_{VU0.1}$                 |                          |
| $\sigma_{VO}$                    |                          |
| $\sigma_{BO150^\circ C}$ [200°C] |                          |

### APPROVALS

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

Notes: <sup>2</sup> Max. pressure and max. temperature should not occur at the same time