



## TECHNICAL DATA SHEETS



- Very good media resist. [except liquid alkali mtl.]
- Long-term stable compression - recovery charact.
- Excellent [di]electric properties, Anti-adhesive surf.

## ENVELOPE GASKETS

CATEGORY:	FLANGE SEAL
MANUFACTURER:	IDT
PROFILE:	ED30
DIMENSION:	EN 1514-3 [EN12560-3]
MATERIAL:	WS 7110 / 7550

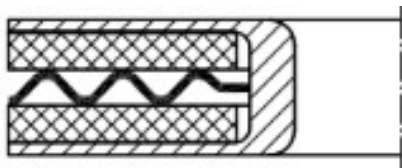
- For aggressive media which is hazardous for health
- Use in food sector and pharmaceutical production
- Used for high requirements in process purity

### PRODUCT NAME

Envelope gasket  
with diffusion barrier, corrugated metal ring  
and two UNIFLUOR® PTFE inserts

### PROFILE

ED30



### FEATURES

The PTFE-envelope of the sealing system consists of Dyneon™ TFM™ 1600 and has an interior diffusion barrier [3.0mm]. A corrugated ring [1.4571] with two PTFE-inserts made from UNIFLOUR® WS 7550 [each 2.0mm] are used. All materials in this combination gasket are FDA-conform.

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

### OPERATIONAL DATA

Pressure	Max. 20 bar <sup>2</sup>
Temperature	-200°C to 150°C [short term 230°C]
Density [mDIN 2505]	
$\sigma_{VU0.1}$	
$\sigma_{VO}$	
$\sigma_{B0300^\circ C}$ [200°C]	

### APPROVALS

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

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

<sup>2</sup> max. pressure and max. temperature should not occur at the same time \* for additional information refer to approvals