



# Clipperlon 600

## Modified PTFE Gaskets

### DESCRIPTION

Leader Clipperlon 600 Joint Sealant is made from 100% pure expanded PTFE. The universal gasket tape forms a thin, but yet strong, reliable gasket under compression, that is highly resistant to aggressive media and chemically inert. Even for the sealing of large, complex and damaged flanges - just peel of the covering paper from the adhesive backing and stick the Joint Sealant tape to the sealing surface - overlap the endings and close the jointing.

### APPLICATION

Particularly for use with aggressive chemicals from pH 0 to 14 (except for molten alkali metals and elemental fluorine gas) Pressure up to 40 bar (higher pressures depending on the individual installation), to aggressive media and chemically inert, for the sealing of large, complex and damaged flanges

### CHEMICAL COMPATIBILITY

Particularly for use with aggressive chemicals from pH 0 to 14 (except for molten alkali metals and elemental fluorine gas)

### DELIVERY OPTIONS

Gasket Tape Widths from 3 mm to 25 mm, Thickness 1up to 8 mm, Standard Roll Length 5,10 and 25 m

### TEMPERATURE

Temperature from -240 °C up to +200 °C

### APPROVALS

- BAM for gaseous Oxygen
- FDA 21 CFR 175.105 (Adhesive)
- EC1935/EU10/2011
- TA-Luft for steel components
- TÜV - MUC-KSP-A066
- FDA 21 CFR 177.1550 (PTFE)
- DVGW

### CERTIFICATES

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### SEALING CHARACTERISTICS

- easy and quick installation
- chemically inert
- highly compressible and conformable
- ideal for large sealing surfaces

## TECHNICAL DATA

max Temperature [°C]	200
min Temperature [°C]	-240
max Pressure [bar]	40
density [g/cm <sup>3</sup> ]	0.75
Minimum initial stress [DIN E 2505 part 2] [N/mm <sup>2</sup> ]	18
Maximum initial stress [DIN E 2505 part 2] [N/mm <sup>2</sup> ]	150
M-Value	1.5
Y- Value [psi]	2500
ASTM F36 Recovery [% min]	3
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250
max Seating stress [Qsmax bei RT EN13555] [N/mm <sup>2</sup> ]	150
Residual seating stress , [QA=40 MPA,Qmin(L 0,01), mg/(s*m)] bei RT 40 bar [N/mm <sup>2</sup> ]	10