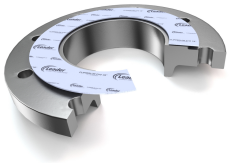

Leader Clipperlon 2110

Modified PTFE Gaskets

TA-luft certified | EC 1935/2004 | FDA

DESCRIPTION

Modified PTFE gasket material manufactured with bi-axial orientated chains to obtain a tight seal for demanding applications. This material has a rather high compressibility characteristics and low minimum seating stress value. Therefore this material is highly recommended for low torque applications, plastic pipe systems and flanges, as well as glass and ceramic lined equipment. Blue in color and produced with Modified PTFE and hollow glass micro spheres as a filler.

APPLICATION

Specially designed for use in low bolt loaded constructions for sealing applications across whole pH-range: Therefore extremely suitable for glass, ceramics, and plastic lined or distorted flanges and even flanges with light surface irregularities.

CHEMICAL COMPATIBILITY

Particularly for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, fuels, water and oil. A chemical resistance list is available upon request. Pressure up to 800 psi Temperature from -410 °F up to 500 °F

DELIVERY OPTIONS

Flange gaskets and sheets are available in thickness of 1/64",1/32",1/16", 1/8. Standard gaskets can be supplied in accordance with ASME B16.21, EN12560-1 as well as EN1514-1. Non-standard or special gaskets can be manufactured according to customer drawings, or by given sizes or Edrawing.

TEMPERATURE

Particularly for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, fuels, water and oil. A chemical resistance list is available upon request. Pressure up to 800 psi Temperature from -410 °F up to 500 °F

SEALING CHARACTERISTICS

- non ageing
- significant reduced creep
- low leak rate
- good electrical insulation properties
- outstanding chemical resistance
- excellent seal ability for low torque applications

TECHNICAL DATA	
max Temperature [°C]	260
min Temperature [°C]	-210
max Pressure [bar]	55
density [g/cm3]	1.7
Leakage Specific Leak Rate [DIN 28090-2] [mg/(s*m)]	0.02
Minimum initial stress [DIN E 2505 part 2] [N/mm2]	10
Maximum initial stress [DIN E 2505 part 2] [N/mm2]	150
M-Value	3
Y- Value [psi]	1600
ASTM F36 Recovery [% min]	30
ROTT [Gb]	458
ROTT [a]	0.3
ROTT [Gs]	5.37

LOCATIONS

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