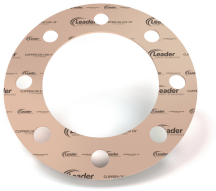

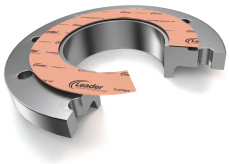

Leader Clipperlon 2100

Modified PTFE Gaskets

TA-luft certified

FDA

DESCRIPTION

Modified PTFE sheet manufactured with biaxial oriented longer molecule chains specially designed for high demanding applications. Due to this specific material structure and special manufacturing process a low creep properties are achieved. Fawn in color and produced with Modified PTFE and Solid Silica Beads as a filler.

APPLICATION

A general purpose gasket material for sealing applications across the whole pH-range, reduced creep and good sealability at low stress.

CHEMICAL COMPATIBILITY

Particularly suitable for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, fuels, water, steam and chlorine. A chemical resistance list available upon request. Pressure up to 1200 psi Temperature from – 450 °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 suitable for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, fuels, water, steam and chlorine. A chemical resistance list available upon request. Pressure up to 1200 psi Temperature from – 450 °F up to 500 °F

SEALING CHARACTERISTICS

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

TECHNICAL DATA	
max Temperature [°C]	260
min Temperature [°C]	-210
max Pressure [bar]	85
density [g/cm3]	2.2
Leakage Specific Leak Rate [DIN 28090-2] [mg/(s*m)]	0.01
Minimum initial stress [DIN E 2505 part 2] [N/mm2]	20
Maximum initial stress [DIN E 2505 part 2] [N/mm2]	160
M-Value	3.5
Y- Value [psi]	2450
ASTM F36 Recovery [% min]	40
max Seating stress [Qsmax bei RT EN13555] [n/mm2]	120
Relaxation PQR (30 MPA 150°C) [%]	0.73
Tensile Strength (quer) DIN 52910 [N/mm]	>= (13) 1885
ROTT [Gb]	495
ROTT [a]	0.301
ROTT [Gs]	5.87

LOCATIONS

905 W.13th Street DEER PARK, TX 77536, USA GLOBAL HEADQUARTERS
8622 South Choctaw Drive BATON ROUGE, LA, USA 70815
Psurnovicka cesta 1026, 01401 BYTCA, Slovak Republic EUROPE HEADQUARTERS

PHONE

+1 281 542 0600
+1 225 272 3126
+421 41 553 3853

FAX

+1 281 542 5552
+225 272 3126
+421 41 553 2895

29-11-2016