

Leader Clipperlon 2130

Modified PTFE Gaskets



DESCRIPTION

Homogeneous expanded PTFE sheet, which uses product geometry rather than fillers or binders to address concerns associated with traditional PTFE material.

APPLICATION

2130 is designed for oxidizing application, harsh chemical environments and areas where contamination is a problem. 2130 is completely chemically inert and is suitable for sealing all chemicals across the pH range with the exception of molten alkali metals and fluorine gas.

CHEMICAL COMPATIBILITY

Particularly suitable for use with hydrofluoric acid, but not pure hydrogen fluoride. Best for use with strong alkalis, solvents, fuels, water, steam and chlorine. Other applications include solvents, fuels, water, oil, chlorine and caustics. A chemical resistance list

is 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 1/32", 1/16", 1/8", 0,5mm, 1mm, 1,5mm, 2mm and 3mm. Other thicknesses available on request. 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 hydrofluoric acid, but not pure hydrogen fluoride. Best for use with strong alkalis, solvents, fuels, water, steam and chlorine. Other applications include solvents, fuels, water, oil, chlorine and caustics. A chemical resistance list is available upon request. Pressure up to 1500 psi.

Temperature from -450 F up to 500 F.

APPROVALS & CERTIFICATES

- FDA 21 CFR 177.1550
- EC1935 (10/2011)
- TA-Luft
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SEALING CHARACTERISTICS

- low leak rate
- good electrical insulation properties
- outstanding chemical resistance
- Non-ageing
- excellent sealability

TECHNICAL DATA

max Temperature [°F]	500
max Pressure [psi]	600
density [g/cm ³]	0.8
Leakage Specific Leak Rate [DIN 28090-2] [mg/(s*m)]	0.01
M-Value	2.5
Y- Value [psi]	2900
ASTM F36 Recovery [% min]	12
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250

LOCATIONS

850 Sense Road LA PORTE, TX 77571, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

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TECHNICAL DATA

max Seating stress [Qsmax bei RT EN13555] [n/mm2]	230
Advice Seating stress at assembly [psi]	5000
ROTT [Gb]	1259
ROTT [a]	0.202
ROTT [Gs]	3.58
compressability, [ASTM F36], [%]	68
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.02
ASTM F152 Average Tensile [psi]	2000

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