

PG-ML Datasheet

Description:

PG-ML is a multi-layer material in which layers of exfoliated graphite are mechanically bonded to a 316 stainless steel foil, without the use of an adhesive.

Application:

PG-ML has excellent mechanical strength and can be used to seal high internal pressures. Its ability to resist high loads makes it ideal for tongue and groove and heat exchanger flanges or in hazardous applications where resistance to blow out is paramount.

Availability:

Thickness

1.0mm to 4.0mm

Sheet Size

1500mm x 1500mm, 1000mm X 1000mm

Colour: Black.

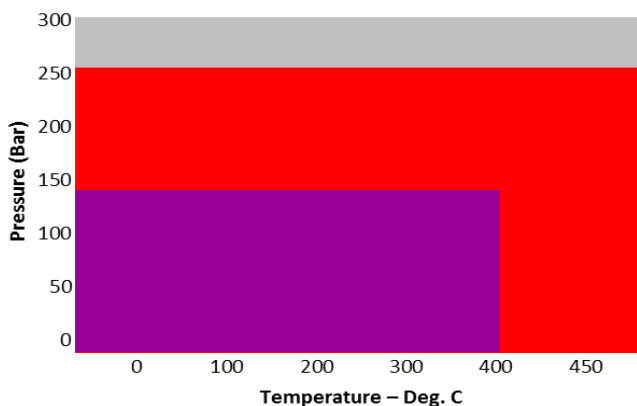
Availability: 316L as standard. Other materials, are available on request.



Typical Physical Properties:

| | | |
|---------------------|------------|--------------|
| Thickness | | 1.5mm |
| Density of Graphite | | 1.1 g/cc |
| Ash Content | DIN 51903 | ≤ 2% |
| Compression | ASTM F36 J | 35% |
| Recovery | ASTM F36 J | 20% |
| Residual Stress | DIN 52913 | >48 MPa |
| Gas Leakage | DIN 3535-4 | 0.4 ml/min |
| Chloride Content | | ≤ 25 ppm max |

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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