Description:
TEADIT GR 1700 is a multilayer high strength graphite sealing sheet designed for high temperature applications. The sheet is comprised of 0.1 mm thick layers of highly conductive laminated graphite and 0.025 mm thick plain expanded graphite foils.

Advantages:
- High mechanical strength and thermal conductivity
- Anti-stick coating not required
- Excellent abrasion resistance
- Good thermal stability
- Low thermal expansion
- Excellent creep resistance
- Outstanding resistance to temperature cycles
- Extreme cold startup and shutdown resistance
- Good resistance to aggressive media
- Neutral to media
- Ideal for critical applications

Non-metallic multilayer graphite

Advantages:
- Extreme cold start-up and shutdown resistance
- Excellent resistance to aggressive media
- Neutral to media
- Ideal for critical applications

Specifications:
- Operating Temp. Range (Peak):
  - GR 1700: -250 to 480 °C
  - GP 1520: -240 to 450 °C
- Operating Pressure:
  - GR 1700: 70 bar / 140 bar
  - GP 1520: 10 - 25 % / 15 - 30 %
- Colour:
  - GR 1700: black
  - GP 1520: black
- Density:
  - GR 1700: 1.0 g/cm³
  - GP 1520: 1.0 g/cm³
- Compressibility
  - GR 1700: 40 - 50 % / 30 - 40 %
  - GP 1520: 40 - 50 % / 30 - 40 %
- Recovery
  - GR 1700: < 1000 ppm
  - GP 1520: < 1000 ppm
- Composition
  - GR 1700: Graphite sheet
    - Expanded graphite in inert atmosphere to 800 °C
    - TEADIT GP 1520 (steam up to 650 °C)
    - Vacuum to 250 bar
    - -250 to 480 °C

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TEADIT® Sealing for a safer and greener tomorrow

GASKET SHEETS
TEADIT 30 SH
- Composed of PTFE with high mechanical and chemical resistance.
- Excellent performance in high pressure and temperature conditions.
- Excellent creep resistance.
- Suitable for steam and chemical processes.
- Endless life with high pressure and temperature.
- Endless life with high pressure and steam.

TEADIT TF 1570
- Composed of PTFE with high mechanical and chemical resistance.
- Excellent performance in high pressure and temperature conditions.
- Excellent creep resistance.
- Suitable for steam and chemical processes.
- Endless life with high pressure and temperature.
- Endless life with high pressure and steam.

TEADIT TF 1580
- Composed of PTFE with high mechanical and chemical resistance.
- Excellent performance in high pressure and temperature conditions.
- Excellent creep resistance.
- Suitable for steam and chemical processes.
- Endless life with high pressure and temperature.
- Endless life with high pressure and steam.

TEADIT TF 1590
- Composed of PTFE with high mechanical and chemical resistance.
- Excellent performance in high pressure and temperature conditions.
- Excellent creep resistance.
- Suitable for steam and chemical processes.
- Endless life with high pressure and temperature.
- Endless life with high pressure and steam.

TEADIT TF 1510
- Composed of PTFE with high mechanical and chemical resistance.
- Excellent performance in high pressure and temperature conditions.
- Excellent creep resistance.
- Suitable for steam and chemical processes.
- Endless life with high pressure and temperature.
- Endless life with high pressure and steam.