



ARAFLEX

GASKETS & JOINTINGS Pvt. Ltd.

AF 700/701 Crinkled Flexible Graphite Tape

High purity graphite tape with no fibers, binders or additives, with and without self-adhesive backing strip.

Araflex Styles AF700 and AF701 are crinkled flexible graphite tapes used for broad range of sealing applications. Proved resistance to most chemicals with pH ranges 0-14 at cryogenic and elevated temperatures and from vacuum to extreme pressures.

Style AF700 crinkled tape is typically used as a stuffing box packing for pumps and valves. Style AF701 is same property as AF 700, but AF 701 is backed up with a self-adhesive strip to facilitate installation as a form-in-place gasket, thread sealant, and for facing of jacketed, corrugated and grooved metal gaskets for sealing.

Advantages

- Low leakage rates
- High Temperature applications
- High pressure applications
- Good heat dissipation
- Good for both Rotary Pumps and Valves
- Gasket facings for Jacketed, corrugated and grooved (camprofile) gaskets.
- Seals for slight shaft deflection
- High flexibility
- Wear resistant
- Gentle to shafts
- Less maintenance

Operating range & Properties

- Pressure:
Static = 130 bar (1885 psi)
- Minimum Temperature: -320°F (-195°C)
- Maximum Temp in Air: 840°F (448°C)
- In Steam: 1200°F (648°C)
- In Inert media: 5400°F (2980°C)
- Chemical resistance: pH = 0 ... 14
- Carbon Content: 98% Min
- Leachable Chlorides: 50ppm max
- Total Sulfur: 100ppm max
- Media: Chemicals, Cryogenics, Automotive, valves, pumps



Notes:

The maximum stated operating temperature and pressure cannot be used simultaneously. The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice. Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.

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