

TECHNICAL DATA SHEET - CST 2260/02 - 24/03/2009

PLANIGRAPH LGRHDI

| Technical data | | |
|----------------|------------|------------------------------------|
| T | °C | -200 // +450 (1) / +550 (2) |
| P | bar | 200 |
| Ph | | 0 ÷ 14 (3) |

1) with low oxidizing fluids or gases - 2) with steam and not oxidizing fluids or gases - 3) except strong oxidizing fluids or gases

Composition

- Pure flexible graphite multiple inserts bond with adhesive
- Coated with anti-stick on both side

Features

Flange gaskets for industrial piping and machines, suitable in heavy applications

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|--|--------------------|---------------------------|-------------|------------|
| Graphite density | gr/cm ³ | 1.00 | | |
| Ash content | % | ≤ 2.00 | | |
| Reinforcing sheet material | S.Steel | 316L | | |
| Reinforcing sheet thickness | mm | 0.05 | | |
| Thickness | | 1/16" / 1.5 | 3/32" / 2.0 | 1/8" / 3.0 |
| Reinforcing sheet number (referring to the thickness 1.5/2.0/3.0) | No. | 2 | 3 | 4 |
| Relaxation stress 16h, 300°C, initial stress 50 N/mm ² | N/mm ² | ≥ 45 | | |
| Compressibility | % | 25 to 35 | | |
| Recovery | % | > 15 | | |
| Maximum assembly load under service condition | N/mm ² | 140 | | |
| Available sizes : (mm) 1.000 x 1.000 and 1.500 x 1.500; (inch) 40" x 40" and 60" x 60" | | | | |
| Available thickness: (mm) 1,0 ÷ 1,5 ÷ 2,0 ÷ 3,0; (inch) 3/64" ÷ 1/16" ÷ 5/64" ÷ 1/8"; other thickness available on demand. | | | | |