



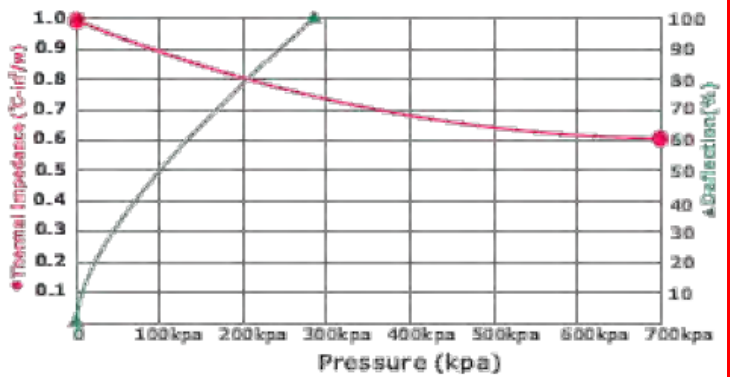
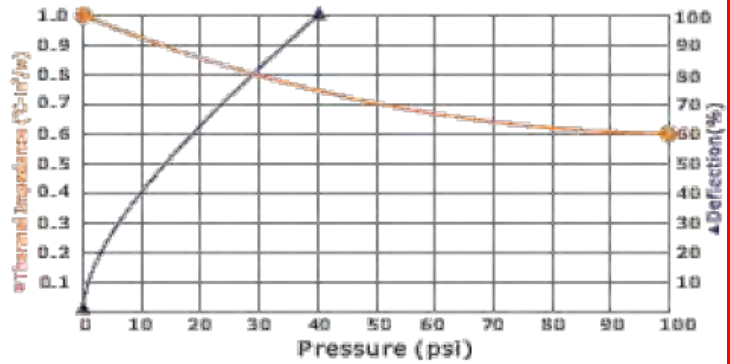
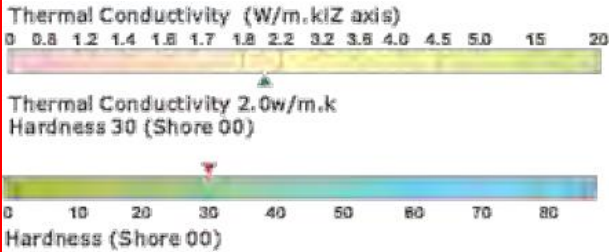
ENGLISH

Datasheet

Thermally Conductive Gel Gap Filler

RS Stock number 707-4749

2.0W/mK, 150x150x1.0mm



Features

- Good thermal conductivity
- Compliance – High compressibility 90%
- Low Hardness (Shore 00)
- Low Oil Bleed – Long Term Stability

| Property | | Unit | Tolerance | Test |
|--------------------------|------------------|---------------------|-----------|------------|
| Colour | White | - | - | Visual |
| Thickness (gap to 0.1mm) | 0.5 ~ 10 | mm | - | ASTM D374 |
| | 0.1969 ~ 0.3937 | inch | - | ASTM D374 |
| Thermal Conductivity | 2 | W/m.k | - | ASTM D5470 |
| Flame Rating | V-0 | - | - | UL94 |
| Insulation Strength | 16 | kv/mm | - | ASTMD149 |
| Weight Loss | <1 | % | - | ASTM E595 |
| Specific Gravity | 2.4 | g/cm ³ | ±0.2 | ASTM D792 |
| Working Temperature | -45 ~ +200 | °C | - | - |
| Volume Resistance | 10 ¹² | ohm-cm | - | ASTM D257 |
| Elongation | 300 | % | ±13 | ASTM D412 |
| Tensile Strength | 30 | Kgf/cm ² | ±2 | ASTM D412 |
| Standard Shape | - | Sheet ones | - | - |
| Hardness | 30 | Shore A | ±5 | ASTM D2240 |
| REACH Compliant | Yes | RoHS Compliant | Yes | Yes |