



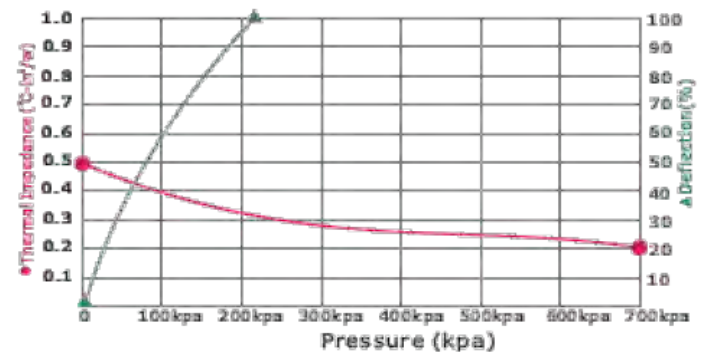
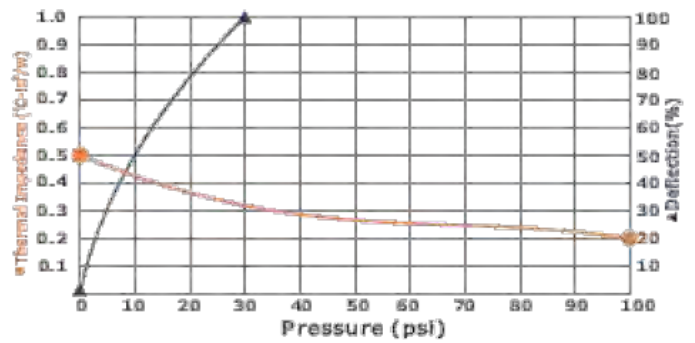
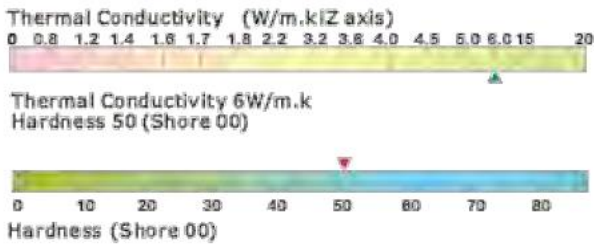
ENGLISH

# Datasheet

## Thermally Conductive Gel Gap Filler

RS Stock number 707-4770

6.0W/mK, 150x150x2.0mm



### Features

- Good thermal conductivity
- Compliancy – High compressibility 70%
- Low Hardness (Shore 00)
- Low Oil Bleed – Long Term Stability

| Property                 |                  | Unit           | Tolerance | Test       |
|--------------------------|------------------|----------------|-----------|------------|
| Colour                   | Red              | -              | -         | Visual     |
| Thickness (gap to 0.1mm) | 0.5 ~ 10         | mm             | -         | ASTM D374  |
|                          | 0.1969 ~ 0.3937  | inch           | -         | ASTM D374  |
| Thermal Conductivity     | 6                | W/m.k          | -         | ASTM D5470 |
| Flame Rating             | V-0              | -              | -         | UL94       |
| Insulation Strength      | 13               | kv/mm          | -         | ASTMD149   |
| Weight Loss              | <1               | %              | -         | ASTM E595  |
| Specific Gravity         | 3.2              | g/cm³          | ±0.2      | ASTM D792  |
| Working Temperature      | -45 ~ +200       | °C             | -         | -          |
| Volume Resistance        | 10 <sup>12</sup> | ohm-cm         | -         | ASTM D257  |
| Elongation               | 50               | %              | ±13       | ASTM D412  |
| Tensile Strength         | 15               | Kgf/cm²        | ±2        | ASTM D412  |
| Standard Shape           | -                | Sheet ones     | -         | -          |
| Hardness                 | 50               | Shore A        | ±5        | ASTM D2240 |
| REACH Compliant          | Yes              | RoHS Compliant |           | Yes        |