



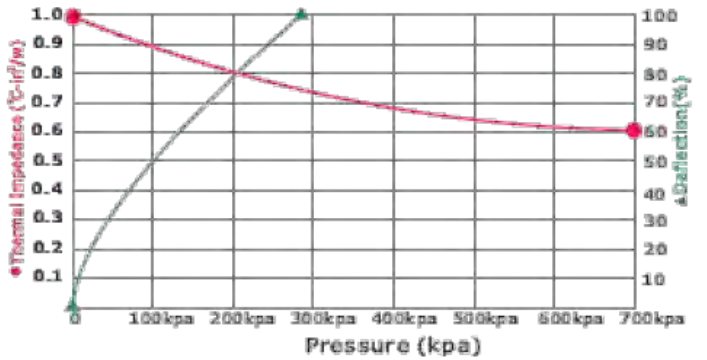
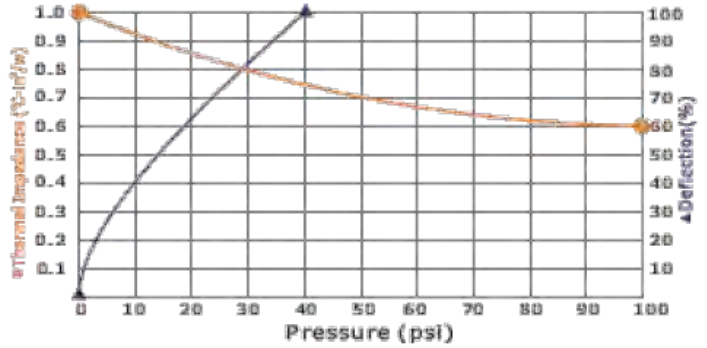
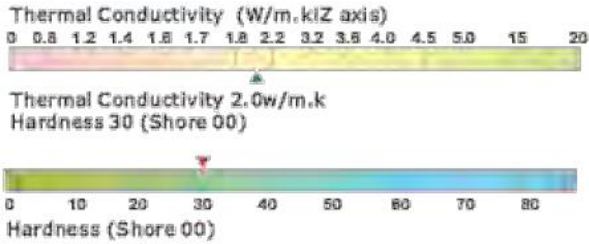
ENGLISH

# Datasheet

## Thermally Conductive Gel Gap Filler

RS Stock number 707-4730

2.0W/mK, 150x150x0.5mm



### Features

- Good thermal conductivity
- Compliancy – 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 <sup>3</sup>   | ±0.2      | ASTM D792  |
| Working Temperature      | -45 ~ +200       | °C                  | -         | -          |
| Volume Resistance        | 10 <sup>12</sup> | ohm-cm              | -         | ASTM D257  |
| Elongation               | 300              | %                   | ±13       | ASTM D412  |
| Tensile Strength         | 30               | Kgf/cm <sup>2</sup> | ±2        | ASTM D412  |
| Standard Shape           | -                | Sheet ones          | -         | -          |
| Hardness                 | 30               | Shore A             | ±5        | ASTM D2240 |
| REACH Compliant          | Yes              | RoHS Compliant      |           | Yes        |