



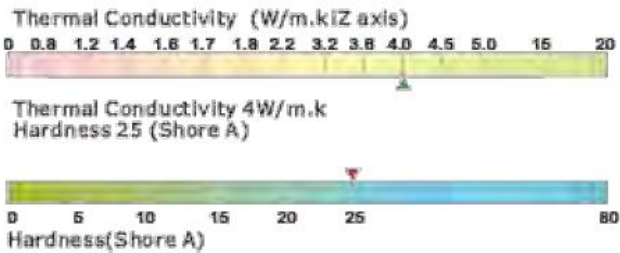
ENGLISH

# Datasheet

## Thermally Conductive Gap Filler

RS Stock number 707-4689

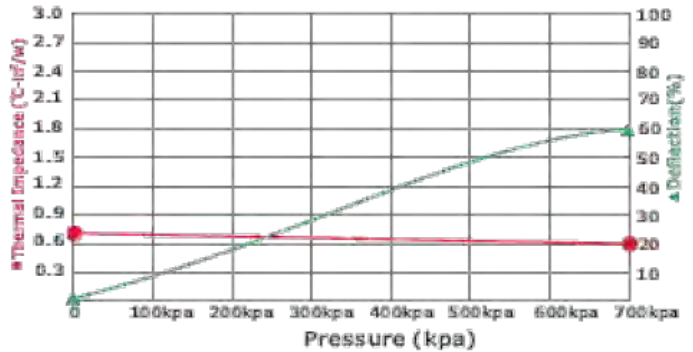
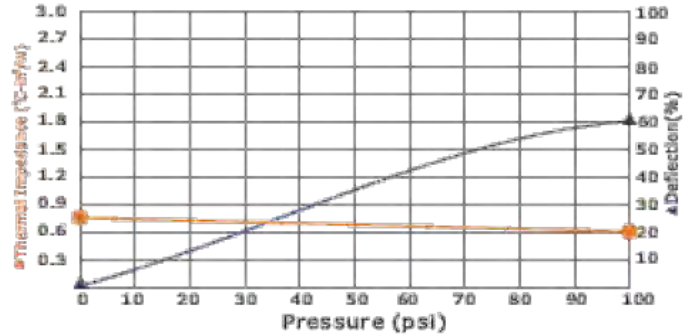
4.0W/mK, 150x150x3.0mm, 1-side 3M 467 p.s.a



Testing sample thickness: 1.0mm

### Features

- Natural tack
- Good thermal conductivity
- Soft & high compressibility
- Easy to assemble



| Property                 |                  | Unit                | Tolerance | Test       |
|--------------------------|------------------|---------------------|-----------|------------|
| Colour                   | Dark Grey        | -                   | -         | Visual     |
| Thickness (gap to 0.1mm) | 0.3 ~ 20         | mm                  | -         | ASTM D374  |
|                          | 0.0118 ~ 0.787   | inch                | -         | ASTM D374  |
| Thermal Conductivity     | 4.0              | W/m.k               | -         | ASTM D5470 |
| Flame Rating             | V-0              | -                   | -         | UL94       |
| Insulation Strength      | >0.7             | kv/mm               | -         | ASTMD149   |
| Weight Loss              | <1               | %                   | -         | ASTM E595  |
| Specific Gravity         | 2.48             | g/cm <sup>3</sup>   | ±0.2      | ASTM D792  |
| Working Temperature      | -40 ~ +200       | °C                  | -         | -          |
| Volume Resistance        | 10 <sup>17</sup> | ohm-cm              | -         | ASTM D257  |
| Elongation               | 120              | %                   | ±13       | ASTM D412  |
| Tensile Strength         | 8                | Kgf/cm <sup>2</sup> | ±2        | ASTM D412  |
| Standard Shape           | -                | Sheet ones          | -         | -          |
| Hardness                 | 25               | Shore A             | ±5        | ASTM D2240 |
| REACH Compliant          | Yes              | RoHS Compliant      |           | Yes        |