

Datasheet Thermally Conductive Gel Gap Filler RS Stock number 707-4764

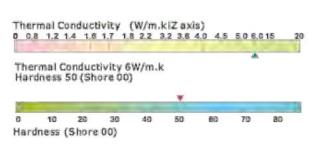
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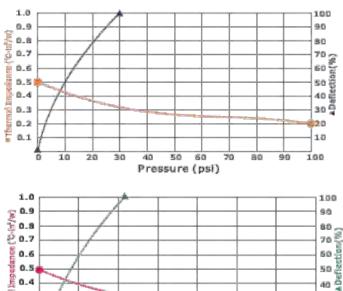
30

28

10

6.0W/mK, 150x150x0.5mm





100kps 200kps 300kps 400kps 500kps 500kps 700kps

Pressure (kpa)

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 | <u>+</u> 0.2 | ASTM D792 |
| Working Temperature | -45 ~ +200 | °C | - | - |
| Volume Resistance | 1012 | ohm-cm | - | ASTM D257 |
| Elongation | 50 | % | <u>+</u> 13 | ASTM D412 |
| Tensile Strength | 15 | Kgf/cm² | <u>+</u> 2 | ASTM D412 |
| Standard Shape | - | Sheet ones | - | - |
| Hardness | 50 | Shore A | <u>+</u> 5 | ASTM D2240 |
| REACH Compliant | Yes | RoHS Compliant | | Yes |

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

0.4

0.2

0.1

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E Z 0.3