

# Product Data Sheet

## Heat conductive silicone paste

It facilitates heat transfer between the electronic components and radiator. It is necessary for correct operation of any type of temperature sensors. It protects from weather conditions and prevents from breakthrough. It is characterized by very good chemical resistance for oxidation, water solutions of acids, alkalis and salts, sulphur dioxide and ammonia. It has a very wide range of work temperatures.



### Properties:

- ◆ Density at 20°C: 1,47 g/cm<sup>3</sup>
- ◆ Flash point: 350°C
- ◆ Freezing point: -50°C
- ◆ Refraction coefficient: 1,405
- ◆ Specific heat at 50°C: 0,243 Cal /g K
- ◆ Overall heat-transfer coefficient at 0-50°C: 0,88 W/m K,
- ◆ Dielectric constant at 100 Hz: 4,7 (± 0,1 )
- ◆ Cross-through resistance: 5 × 10<sup>14</sup> Ohm × cm
- ◆ Loss tangent at f = 100 Hz: 0,020 (± 0,003),
- ◆ Operating temperature range: -50 ~ 200°C

### Package:

Weight	Package	Symbol
7 g (metal tube)	10	AGT-055
25 g (syringe)	2 or 16	AGT-056
100 g (jar)	6 or 36	AGT-057
1000 g (jar)	1	AGT-058
5000 g (pail)	1	AGT-059

