

## Thermal Management Materials, 6020 Material

### Product Summary

MAJR 6000 Series thermal Management materials consist of sheet, adhesive, grease compounds and tape; these thermal materials are used in a wide variety of markets such as LED, chip sets for IC controller packages, IT for industrial and personal computers, DRAM Modules, telecom devices, automotive control units, and many other products for military and commercial markets.

### Product Application (6020)

This thermally conductive tape exhibits excellent peel strength at 6.5 N/25mm with a thermal conductivity of 0.75W/m-k. In addition, this material exhibits an exceptional continuous use temperature range of -73 to 260 deg. C. it is excellent for applications such as: Optic industry and chip wrapping. The material can be supplied in sheet, roll form, and die-cut parts to your specification. Standard thickness is: 0.25mm. Max. width is 1030mm.

### Product Technical Data (6020)

Property	Unit	Min.Value	Std.Value	Max.Value
Thickness	mm	0.24	0.25	0.25
Carrier	Glass Fabric			
Tensile Strength	N/25mm	240	300	/
Elongation	%	2.5	3	/
Peel Strength	N/25mm	6.2	6.5	/
Breakdown Voltage	Kv	4	4.5	/
Continuous Use Temp.	°C	-73°C—260°C		
Thermal Conductivity	W/m.k	0.75(ASTM D5470)		

**One side coated with pressure sensitive adhesive**

**Shelf life: 12 months at a maximum storage temperature of 35 deg. C, relative humidity of 60%, not to be exposed to sunlight.**