

GP2000

Thermally Conductive Tubes



Features

Usable over a wide temperature range
Simplified processing and reduced operating costs
Complies with UL standards

Properties

Property	GP2000-D11-L25-0.3	GP2000-D11-L30-0.3	GP2000-D13.5-L25-0.3	GP2000-D13.5-L30-0.3	Test Method
Colour	Green	Green	Green	Green	Visual
Base	Silicone Rubber	Silicone Rubber	Silicone Rubber	Silicone Rubber	-
Thickness (mm)	0.3	0.3	0.3	0.3	-
Diameter / Length	11mm / 25mm	11mm / 30mm	13.5mm / 25mm	13.5mm / 30mm	-
Op. Temp. Range (°C)	-55 to 180	-55 to 180	-55 to 180	-55 to 180	-
Density (g/cm ³)	2.52	2.52	2.52	2.52	ASTM D792
Thermal Conductivity (W/mk)	1.3	1.3	1.3	1.3	ASTM D5470
Shore A	80	80	80	80	ASTM D2240
Breakdown Voltage AC (V)	5000	5000	5000	5000	ASTM D149
Breakdown Voltage DC (V)	7000	7000	7000	7000	ASTM D149
Dielectric Constant (1000 Hz)	5.7	5.7	5.7	5.7	ASTM D150
Volume Resistivity (Ohm-cm)	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	ASTM D257
TML (%)	<0.2%	<0.2%	<0.2%	<0.2%	ASTM E595
Tensile Strength (PSI)	200	200	200	200	ASTM D412
Elongation (%)	60	60	60	60	ASTM D412
UL Flammability	V-0	V-0	V-0	V-0	UL 94

Limited Warranty

High Thermal Conductivity Tubes are guaranteed against detachment, under normal use, for 5 years from the purchase date. The User shall be solely responsible for determining the suitability of TC Tubes for the intended use, and the user assumes all risks and liabilities whatsoever in connection there with. Neither seller nor manufacturer shall be liable either in tort or in contract for any loss damage, including loss of profits or revenue arising out of the use or the inability to use the product.