



**TECHNICAL DATA SHEET**

**G-5**

**Mil-I-24768/8, GMG**

G-5 melamine convolute wrapped tubes are reinforced with woven glass fabric. They are used for mechanical and electrical applications where arc or arc track resistance is required. G-5 is a self-extinguishing halogen free composite with good flame resistance that meets NEMA G-5 requirements.

**REQUIREMENT**

Minimum Dielectric Strength	200v/mil
Compressive Strength (Axial)	20000 psi
Minimum Density	1.7g/cm <sup>3</sup>
Maximum Water Absorption	5%
Tensile Strength	30000psi
<b>Flexural Strength</b>	22000 psi
Dissipation Factor	.02
Permittivity @ 1 MHz	N/A
Maximum Operating Temperature	130°C

For in-house use only – not for distribution.