Current Industrial Composites
Sheeting · Tubes · Rods · Fabricated Parts · Epoxy · Phenolic

TECHNICAL DATA SHEET

XX

Mil-I-24768/11, PBG

XX paper phenolic convolute wrapped tubes are a mechanical grade composite with good electrical properties in moderate humidity conditions. It is frequently used in transformer designs, as winding tubes in the metal foil industries and as carrier tubes for polishing brushes.

REQUIREMENT	
Minimum Dielectric Strength	290v/mil
Compressive Strength (Axial)	13000 psi
Minimum Density	1.10g/cm^3
Maximum Water Absorption	6%
Tensile Strength	8000psi
Flexural Strength	15000psi
Dissipation Factor	.040
Permittivity @ 1 MHz	5.0
Maximum Operating Temperature	120°C