

FV6700 Bonding Film for PTFE Multilayer Applications

Metclad type FV6700 Bonding Film is a high quality, thermoplastic, fluorinated, chlorinated film which has been specifically developed for use as the bonding agent to stripline packages and other multilayer circuits made from PTFE laminates. FV6700 has a low dielectric constant, a low dissipation factor and high dielectric strength.

Typical Parameter	Typical Value
Dielectric Constant	2.35 ±0.1
Dissipation Factor	0.0025
Thickness	38µm (0.0015")
Laminaing Temperature	238°C
Dielectric Breakdown	3.75kV
Volume Resistivity (+28°C/+77°C)	10 ¹² MΩ/cm
Surface Resistivity	10 ¹⁰ MΩ
Arc Resisance	130 sec
Dimensions: Widths Length	305mm, 610mm up tp 9,144mm (rolled)

The above represents typical values. As a policy of continuous improvement, Metclad International Corp. reserves the right to change specifications at any time.