

CHR[®] M Series

2 Mil Polyester Film, Rubber Adhesive

CHR[®] M-Series (2 Mil PET/Rubber Adhesive) is manufactured from polyester film with rubber pressure-sensitive adhesive.

Typical Properties

Product Number	M57	M783	M852
Adhesive Type	Rubber	Rubber	Rubber
Total Thickness (mm)	0.089	0.094	0.102
Adhesive Thickness (mm)	0.038	0.043	0.051
Adhesion to Steel (N/cm)	5.5	3.8	1.6
Tensile Strength (N/cm)	88	88	88
Elongation (% at break)	120	120	120
Dielectric Strength (volts)	6000	6000	6000
Operating Temperature (°C)	-18 to +163	-18 to +163	-18 to +163
Insulation Class (°C)	130	130	130
Colour	Yellow	Pink	Green

Applications—M57: Polyester film offers an economical method to hold, insulate and/or protect materials. M57 is often used in critical capacitor and coil applications. The 0.051mm polyester film of **M783** offers an economical method to hold, insulate and/or protect materials. **M852:** Polyester film offers an economical method to hold, insulate and/or protect materials.

Features/Benefits—Polyester backing resists damage from sharp edges, and protects tool surfaces from abuse and adhesive flash in vacuum bag sealing.

M57 is designed to be non-corrosive with excellent dielectric and insulation resistance properties. The thermosetting rubber resin adhesive system offers excellent quick stick properties and flag resistance, yet unwinds easily. **M57** makes easy-to-apply electrical insulation and is also capable of meeting MIL-I-15126F-MFT 3.5 specifications. The rubber adhesive is specially formulated to use as a flash mask protection tape in metal or composite bonding.

M783 will function at temperatures through 130°C. The adhesive is specially formulated to remove cleanly from most surfaces after up to 4.0 hours at 177°C. Polyester backings offer low cost, effective positioning tape for composite lay-ups prior to bag sealing.

M852: Rubber adhesive is specially formulated to use as a flash mask protection tape in metal or composite bonding. The non-silicone adhesive eliminates silicone contamination and is specially formulated to remove cleanly from most surfaces after up to 4.0 hours at 177°C. Also, polyester backings offer low cost, effective positioning tape for composite lay-ups prior to bag sealing. **M57** and **M852:** function at temperatures through 130°C.

Availability—M57 and **M783** are in master log form 66m x 965mm wide. **M57:** Rolls can be slit 6.35mm wide through full width. **M783:** Rolls can be slit from 12.7mm to 965mm wide. Factory stock for **M852** is in master log form 66m x 940mm wide. Rolls can be slit from 12.7mm to 940mm wide. **M57, M783** and **M852:** are available with or without a liner.

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