

# CHR<sup>®</sup> M SERIES

## 1 Mil Polyester, Rubber Adhesive Tape

CHR M-Series (1 Mil PET/Rubber adhesive) is manufactured from polyester film with rubber pressure-sensitive adhesive.

### Features/Benefits

M54 and M56 can meet MIL-I-15126 MFT Type 2.5 specifications. M54 makes easy to apply electrical insulation and meets UL Guide OANZ2, File E51201 specifications. M734 offers no build-up of adhesion properties after processing. M797 resists high temperatures of conformal coating operation, is silicone free, and creates a true masking line. M851 is designed to use as a flash mask protection tape in metal or composite bonding. The polyester backing resists damage from sharp edges. Polyester backings offer low-cost, effective holding for materials. Operating temperature is -18 to +163°C (0 to +325°F), elongation % at break is 100, tensile strength is 44 N/cm (25 lb/in) and dielectric strength is 5,000 volts.

### Availability

M54 is in master log form 66 m x 940 mm (72 yd x 37 in) wide. M56 and M851 are in master log form 66 m x 965 mm (72 yd x 38 in) wide. M797 is in master log form 66 m x 914 mm wide (72 yd x 36 in). All rolls can be slit 12.7 mm wide through master log width. Use jumbo roll form for rewinding slitting. Special widths are available upon request. M734 factory stock is manufactured 914 mm (36 in) wide. It is re-rolled into 132 m long master rolls for single knife slitting to make slit rolls from 12.7 mm wide through full width. M54 and M56 are available with or without a liner.

### Applications

M54, M56, M797 and M851 offer economical methods to hold, insulate and/or protect various materials. M54 and M56 are often used in critical capacitor and coil applications. M734 was created for use in multi-layer printed circuit boards manufacturing as an area mask tape.



### CHR M Series 1 Mil Polyester Rubber Tape Properties

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

Product Number	M54	M56	M734	M797	M851
Adhesive Thickness mm (mil)	0.038 (1.5)	0.038 (1.5)	0.015 (0.6)	0.051 (2.0)	0.051 (2.0)
Total Thickness mm (mil)	0.064 (2.5)	0.064 (2.5)	0.041 (1.6)	0.076 (3.0)	0.076 (3.0)
Adhesion to Steel N/cm (oz/in)	4.9 (45)	4.9 (45)	0.7 (6)	3.3 (30)	1.6 (15)
Insulation Class (°C)	130	130	130	130	130
Colour	Yellow	Clear	Orange	Mustard	Green



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