

# CHR<sup>®</sup> M SERIES

## 5 Mil Polyester Pressure Sensitive Adhesive Tape

**CHR M-Series** (5 Mil PET with Adhesive) are manufactured from polyester film with either rubber or silicone pressure-sensitive adhesive.

### Features/Benefits

Polyester backings offer low cost effective holding for materials and resist damage from sharp edges. M835 offers superior bonding to a wide variety of treated papers, films and foils. Have a super quick-stick silicone adhesive system and the polyester backing/silicone adhesive combination is highly conformable. Recommended for all splicing applications, including in oven splices where good wet out capabilities are critical. M855 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. Polyester backing resists damage from sharp edges, and protects tool surfaces from abuse and adhesive flash in vacuum bag sealing. Also, polyester backings offer low cost, effective positioning tape for composite lay-ups prior to bag sealing. This tape will function at temperatures up to 130°C.

### Availability

M855 is available in master log form 33 m x 610 mm (36 yd x 24 in) wide. Rolls can be slit from 6.35 mm to 610 mm (0.25 in to 24 in) wide. M835 is in master log form 33 m x 965 mm (36 yd x 38 in) wide. Rolls can be slit from 12.7 mm to 965 mm (0.5 in to 38 in) wide. M835 and M855 are available with or without a liner.

### Applications

M835 is designed as a quick stick polyester splicing tape most often used in the graphic arts industry. M855 Polyester film offers an economical method to hold, insulate and/or protect materials.



### CHR M Series 5 Mil Polyester 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	M835	M855
Adhesive Type	Silicone	Rubber
Total Thickness mm (mil)	0.165 (6.5)	0.178 (7.0)
Adhesive Thickness mm (mil)	0.038 (1.5)	0.051 (2.0)
Adhesion to Steel N/cm (oz/in)	3.3 (30)	0.7 (6.4)
Tensile Strength N/cm (lb/in)	175 (100)	175 (100)
Elongation (% at break)	100	100
Dielectric Strength (volts)	10,000	10,000
Operating Temperature °C (°F)	-73 to +177 (-100 to +350)	-18 to +177 (0 to +350)
Insulation Class (°C)	130	130
Colour	Blue	Green



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