

# CHR<sup>®</sup> M SERIES

## 2 Mil Polyester, Rubber Adhesive Tape

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

### Features/Benefits

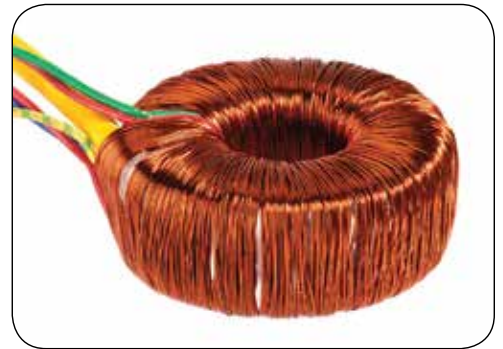
Polyester backing resists damage from sharp edges, and protects tool surfaces from abuse and adhesive flash in vacuum bag sealing. M783 will function at temperatures through 130°C. The adhesive is specially formulated to remove cleanly from most surfaces after up to 4.0 hours at 177°C. Polyester backings offer low cost, effective positioning tape for composite lay-ups prior to bag sealing. M852 consisting of 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. M852 functions at temperatures through 130°C.

### Availability

M783 is in master log form 66 m x 914 mm (72 yd x 36 in) wide. Rolls can be slit 6.35 mm (0.25 in) wide through full width. Factory stock for M852 is in master log form 66 m x 965 mm (72 yd x 38 in) wide. Rolls can be slit from 12.7 mm to 965 mm (0.5 in to 38 in) wide. M783 and M852 are available with or without a liner.

### Applications

M783 and M852 offer economical methods to hold, insulate and/or protect materials, including capacitor and coil applications.



## CHR M Series 2 Mil Polyester Rubber Adhesive 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	M783	M852
Adhesive Type	Rubber	Rubber
Total Thickness mm (mil)	0.094 (3.7)	0.102 (4.0)
Adhesive Thickness mm (mil)	0.043 (1.7)	0.051 (2.0)
Adhesion to Steel N/cm (oz/in)	3.8 (35)	1.6 (15)
Tensile Strength N/cm (lb/in)	88 (50)	88 (50)
Elongation (% at break)	120	120
Dielectric Strength (volts)	6,000	6,000
Operating Temperature °C (°F)	-18 to +163 (0 to +325)	-18 to +177 (0 to +350)
Insulation Class (°C)	130	130
Colour	Pink	Green



### Performance Plastics - Tape Solutions

North America | South America | Europe | Asia

For a full list of locations, please visit  
[tapesolutions.saint-gobain.com/contact-us](http://tapesolutions.saint-gobain.com/contact-us)

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 6 months, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Form #1108 | © Saint-Gobain January 2018 | **CHR** and **CHRTape** are trademarks of Saint-Gobain.