

AUBURN PRODUCT NEWS

Auburn Manufacturing Company

29 Stack Street
Middletown, CT 06457
Tel: (860) 346-6677 Fax: (860) 346-1334
email: info@auburn-mfg.com
website: www.auburn-mfg.com

PRELIMINARY DATA SHEET

M Series

1 Mil Polyester Film/Acrylic Adhesive

CHR® M-Series Tapes from Auburn (1Mil PET/Acrylic Adhesive) are manufactured from polyester film with acrylic pressure sensitive adhesive. Users can rely on M-Series Polyester Tapes for graphic art applications, roll splicing, electrical insulation, film seaming and repair.

Typical Properties

Product Number	Adhesive Thickness (in.)	Total Thickness (in.)	Adhesion to Steel (oz./in.)	Insulation Class (°C)	Color	Adhesive
M60	.0015	.0025	30	130	Clear	Acrylic
M69*	.0015/.0015	.004	30/30	130	Clear	Acrylic
M97	.0015	.0025	35	130	Yellow	Acrylic
M705	.0015	.0025	30	130	Black	Acrylic
M706	.0015	.0025	30	130	White	Acrylic
M765	.0015	.0025	30	130	White	Acrylic

All properties are typical values and should not be used for writing specifications.

Applications—M60, M69, M97, M705, M706 and M765 offer an economical method to hold, insulate and or protect various materials. **M706** and **M765** are designed to be flame retardant.

Features/Benefits—M60, M69, M97, M705, M706 and M765 are designed to have excellent flagging resistance and good conformability. They have compatible adhesive and release coating for excellent printability, whether on roll or a finished component. Also, they have excellent solvent and oil resistance, and adhesive can be thermoset to increase adhesion and solvent resistance. The tapes are clean cutting with no separation and are capable of meeting UL Guide O ANZ2, File E51201 and Mil-I-15123F-MFT Type 2.5 specifications. **M97** and **M765** meet CSA standard C22.2 Class 9052.30.

Operating temperature is -20 to 325 F, elongation % at break is 100, tensile strength is 25 lbs./in. and dielectric strength is 5000 volts.

Availability—M60, M706, M765 are available in master log form 72 yards long and 37" wide. **M97** is available in master log form 72 yards and 38" wide. **M69, M705** are available in master log form 72 yards long and 24" wide. All rolls can be slit 1/4 wide through master log width. All of these products are available either with or without a liner

For more technical data, samples, material recommendations or price quotations, please contact your Auburn Customer Service Representative.

*M69 is a two-side adhesive coated product.

Potential Applications:

- Graphic Art Applications
- Film Seaming
- Roll Splicing
- Electrical Insulation
- Repairs
- High Dielectric Maskings
- Protective Coverings

Note: Auburn does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) into which the product(s) may be introduced by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine whether the product(s) are suitable and fit for the particular purpose desired in any given situation.