



# Heat-Shrinkable Mylar® Tubing

Data Sheet No. P-887

®"Mylar" is a registered trademark of the DuPont Co.

# Heat-Shrinkable "Mylar" Tubing Physical Properties†

Dielectric Strength (VPM min.)	1,500
Tensile Strength (PSI)	20,000
Elongation	75%
Shrinkage (@100°C.)	
Machine Direction - Min.	35%
Machine Direction - Max.	55%
Transverse Direction - Min.	45%
Transverse Direction - Max.	60%
Melting Point (°C.)	245+
Density (Average)	1.348
Thickness - Min. Mils	.55
Thickness - Max. Mils	.78
Water Absorption	0.8%
Dielectric Constant	3.5 to 3.9
Temperature Range (°C.)	-60 to +150



**Precision**  
Paper Tube Company

**Buckeye Bobbin**  
1033A S. Noel Ave.  
Wheeling, IL 60090  
Phone: 847-279-1283  
Fax: 847-279-1286  
Email: sales@pptube.com

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**Precision PaperTube**  
1033 S. Noel Ave.,  
Wheeling, IL 60090  
Phone: 847-537-4250  
Fax: 847-537-5777  
Email: sales@pptube.com

## General information

"Mylar shrinkable tubing is a superior, high dielectric insulation material that provides a tight, smooth protective covering and supporting "skin". It also makes an attractive package. It is extremely easy to use and is suitable for hand or machine application . . . no special or costly shrinking equipment is necessary. Precision's "Mylar" tubing may be shrunk by various methods: heat guns, boiling water, electrical coil heaters or ovens. It is shrinkable by as much as 50% of its diameter in order to provide an immovable, tight fit. Temperature requirements are as low as 90°C for shrinking purposes with a heat cycle as short as 1 second.

Heat Shrinkable "Mylar" Tubing is spiral wound to practically any diameter and length. It is an excellent choice for both high temperature and electrical insulation; for protection of coils and components; as an anchor for leads; as a replacement for tape and for quick, fumble-free, hard to remove, color coding.

†Physical property values are published by DuPont and are typical for 65 gauge "Mylar" polyester film. Neither DuPont nor Precision Paper Tube Co. intends this information to be used as design data but publishes it only as a helpful suggestion to be used in your own experimentation. Further information on "Mylar" film is available from the DuPont Co. Our Engineering Dept. will be glad to work with you on individual problems.