

# Pol-Lar<sup>®</sup> Formable Tubing & Covers (Polyethylene bonded Mylar<sup>\*</sup>)

# Pol-Lar† Formable Tubing & Covers


The high dielectric strength of Mylar\* has been combined with the heat-forming and sealing qualities of polyethylene to provide superior, heat-formable covers or tubing. "Pol-Lar" tubing offers the best known method for forming, stretching and shrinking "Mylar" so that covers made of "Pol-Lar" will fit perfectly onto capacitors and other electronic parts with various configurations.

"Pol-Lar" covers and tubing offer a protective barrier against dielectric breakdown, abrasion, fungus and chemical action. "Pol-Lar" covers are shipped pre-formed to fit your specific part. The open end is then readily heat-turned at your location to seal in the capacitor... or other part. This is accomplished with either heat guns or electric heating coils.

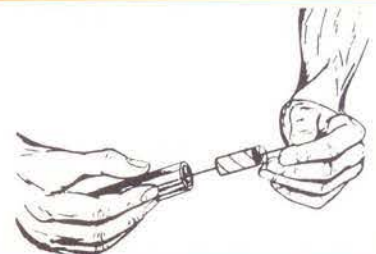
"Pol-Lar" covers can be supplied with pre-fabricated end discs made of "Mylar" so that either one or both ends can be sealed. "Pol-Lar" is transparent but can be supplied color striped for coding purposes. Printed matter can be easily read through "Pol-Lar" with a 3.5 mil wall.

Note: The materials and specifications in this data sheet are published only as a helpful suggestion in your own experimentation. The information is not intended to be used as design data. Our engineering departments will be glad to work with you on individual problems.

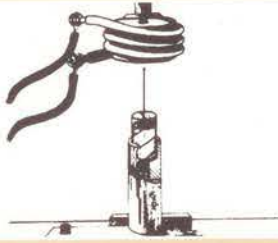
### FOUR EASY ASSEMBLY STEPS



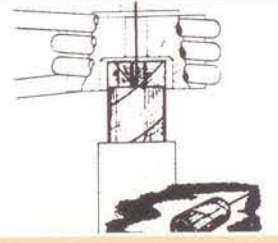
1. Capacitor, or other item, is inserted into pre-formed Pol-Lar cover. End-disc, if required, is pre-inserted.



2. Pol-Lar covered capacitor is then placed in a holding jig.



3. The open end of the unit is subjected to a heat source.



4. Average heating time is 4 to 5 seconds at elevated temperature.

## Grade 35 "Pol-Lar" Characteristics

Dielectric strength	3500 volts min.**
Service temperature	- 60 to + 150°C
Moisture absorption	less than 1%
Fungus resistance	inert
Copper corrosion	negligible
Acid resistance	good to excellent
Varnish resistance	excellent

\*\* .0035" wall thickness, heavier gauges, higher dielectric strength.



# Precision

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