

# SPECIFICATIONS



**MADE IN THE USA**

## PHYSICAL PROPERTIES

- Specific Gravity: 4
- Apparent Density: 2.5
- Elongation: Minimum 10%
- Adherence: No peel
- Abrasion Resistance: Good

## HEAT PROPERTIES

- Melting Point - 2000C
- Linear Coefficient -  $8 \times 10^{-6}$

## ELECTRICAL PROPERTIES

- Dielectric Breakdown- 35-40V/.00004 in
- Dielectric Constant - 8.5-9.5
- Insulation Resist - 108-1012 (ohms/cm)

## INSULATION RESISTANCE

- .0003 Film Thick
- 200C - 241 Volts -  $4.6 \times 10^9$  ohms
- 350C - 221 Volts -  $4.0 \times 10^8$  ohms
- 600C - 327 Volts -  $7.0 \times 10^7$  ohms

## DIELECTRIC STRENGTH (1.5)

- Standard Condition Avg. Volts - 516
- After 24 hrs. 90% hum. Avg. Volts-420
- After Thermal Shock Avg. Volts - 306

## MANDREL DIELECTRIC TESTS

- .0003 Film Thick
- 200C - 241 Volts -  $4.6 \times 10^9$  ohms
- 350C - 221 Volts -  $4.0 \times 10^8$  ohms
- 600C - 327 Volts -  $7.0 \times 10^7$  ohms

**ENGINEERED**

**BY YOU**

**Custom Shapes**



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