



## Product Data Sheet

### #103 black & 103C colors Low Lead Vinyl Electrical



#### Product Description

- Soft PVC film (or PVC copolymer film) coated tape; suitably plasticized and stabilized.
- One sided coating of rubber-based, pressure sensitive adhesives.
- Matte finish, **low lead** electrical tape.
- UL 510 listed and CSA approved. Meets ROHS and California Standards on lead content.
- **Meets MIL SPEC A-A-55809 (supersedes HH-I-595C) military specifications**

#### Applications

- Used for joining and splicing wires and cables for electrical insulation.
- Colors used for identification on variety of surfaces – such as stainless steel, aluminum, plastics, paper products, etc.
- Effective for bundling in non-electrical applications due to its adhesion and conformability.

#### Features/Benefits

- Suitable for uses under 600V or 105°C (221°F)
- Flame Retardant.
- Ideal for all applications where UL listed insulating materials are required.
- Non-corrosive, pressure-sensitive adhesive eliminates the need of heat, moisture, or other catalysts to affect application. No known hazards.
- Colors available: “C” series: White, yellow, red, orange, brown, gray, blue, green; Black

#### Technical Performance

<u>Description</u>	<u>Units</u>	<u>Value</u>	<u>Test method</u>
Tape thickness	mm/mils	0.18 / 7.0	PSTC-33
Adhesion to steel	kg/cm, oz/in	0.20 / 18	ASTM D-1000
Adhesion to backing	kg/cm, oz/in	0.20 / 18	ASTM D-1000
Elongation at break	%	220	PSTC-31
Tensile Strength	kg/cm, lbs/in	3.2 / 18	PSTC-31
Dielectric at Break	Volts/mil	1,250/mil 8750 volts total	ASTM D-1000
Service Temperature Range	°C	0°C thru 105°C	

#### Storage Details

- Recommended one-year shelf life from date of dispatch if kept at moderate temperatures and humidity levels

The technical information and data obtained from tests are considered representative and should not be used for specification purposes. A particular roll's performance may vary slightly from these averages, and it is recommended that the buyer determine the suitability of a product for his own uses.