



## Product Information

### CT #401

### Premium Grade Black Plastic Vinyl Electrical Tape

401 is a premium grade, 8.5 mil, black plastic vinyl electrical tape suitable for all weather. It has high dielectric strength, flame retardant, and resists chemicals, solvents, and cold temperatures.

Meets Specs: MIL-I-24392C; UL & CSA.

#### Application:

- Primary insulation for splices up to 600 volts
- Offers complete electrical and mechanical protection
- Excellent for low temperature protective outer jacket

#### TECHNICAL DATA

<b>Substrate</b>	Black Plastic Vinyl
<b>Thickness</b>	8.5 Mils (0.21 mm)
<b>Adhesion to Steel</b>	20 oz/in (2.2 N/cm)
<b>Tensile Strength</b>	20 lbs/in (35 N/cm)
<b>Elongation (% at Break)</b>	300
<b>Temperature Rating Min</b>	UL: 14°F (-10°C) CSA: -0.4°F (-18°C)
<b>Temperature Rating Max</b>	UL: 176°F (80°C) CSA: 221°F (105°C)
<b>Dielectric Strength</b>	10,000 Volts 9,000 Volts (wet)
<b>Insulation Resistance</b>	1x10 <sup>6</sup> MΩ

The data provided are nominal values based on PSTC, ASTM, and other standard tests. The data should not be considered specifications.

Carolina Tape & Supply Corporation  
502 19<sup>th</sup> St PL SE, Hickory, NC 28602  
Phone: 800-237-6079  
[www.carolinatape.com](http://www.carolinatape.com)

Carolina Tape and Supply Corporation guarantees its products to be in compliance with acceptable commercial standards for material and workmanship, but limits its obligations under this warranty to replacement, or, at its option, reimbursement of the purchase price of returned merchandise shown to its satisfaction to have been defective by such standards at the time it was shipped by Carolina Tape and Supply Corporation.