



HILEC LLC  
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## **HILEC 710C** **SATURATED FIBERGLASS SLEEVING**

**THERMAL CLASS: 240°C**

**NEMA TF-2**

**UL FILE 86619, VW-1**

### **DESCRIPTION**

**710C** is comprised of a tightly woven, highly flexible, continuous filament E glass braid which has been heat treated to remove starches and oils, and subsequently saturated with acrylic resin formulated to provide excellent fray and splay resistance when cut. The resin also stabilizes the fibers, which reduces operator skin irritation. Although the acrylic resin degrades at operating temperatures above 200°C, **710C** continues to provide thermal and space factor insulation as high as 650°C with continuous operation at 450°C. **710C** expands readily to slip over connections or terminals.

### **RECOMMENDED USE**

**710C** is used in high temperature, low voltage applications such as shunts in carbon brushes, toasters, coffeemakers and other small heating appliances. Its flexibility and expandability makes **710C** highly useful over irregular shapes such as coil insulation on rotating equipment. **710C** is also used for thermal and cut-through protection in automotive wire harness assemblies as well as track, stage and other types of lighting devices.

### **PHYSICAL PROPERTIES**

**710C** exhibits high tensile strength, is non-flammable, heat resistant, and non-corrosive to metals. **710C** has excellent resistance to moisture, fungus and chemical attack.

DIELECTRIC GRADE	PRODUCT NUMBER	MIN. AVE. BREAKDOWN	MIN. INDIV.
C-3	710C	No dielectric guaranteed	

### **AVAILABILITY**

- **SIZES:** **710C** is available in continuous spooled lengths or cut lengths in NEMA sizes #24 through 1". Standard wall thickness is .015". For .030" wall, order **720C**. For .010 wall, order **740C**.
- **COLORS:** **710C** is available in black, tan, red and yellow. Other colors may be available subject to minimum order quantities and/or setup charges.
- **BRANDNAMES:** **710C** is also available as **VOL-GLAS P™**, **HTS™** or **NATGLAS T&D™**.