

**HILEC 400F SERIES**  
**ACRYLIC COATED FIBERGLASS SLEEVING**

**THERMAL CLASS: 155°C**  
**NEMA TF-1, TYPE 6**

**MIL-I-3190/3 (grade A)**  
**ASTM D372**

**DESCRIPTION**

**400F SERIES** is comprised of modified acrylic resin continuously coated over premium electrical grade braided fiberglass sleeving. **400F SERIES** possesses excellent flexibility, cut through resistance and resistance to mechanical abrasion. It is fully compatible with all magnet wire coatings as well as insulating varnishes such as polyesters, epoxies, phenolics and Formvar. **400F SERIES** sleeving is rated class 155°C electrically and is an approved component in most UL Insulating systems.

**RECOMMENDED USE**

**400F SERIES** acrylic coated sleeving is a "universal" sleeving used in fractional as well as integral horsepower motor leadouts and crossovers, dry and oil-filled transformers, welding apparatus and as insulation on coils. Because of its versatility and high thermal rating **400F SERIES** has also found applications in many consumer appliances, lighting fixtures, stoves, oven and furnace controls, relays, breaker panels, switchgear and other commercial and industrial apparatus.

**PHYSICAL PROPERTIES** (coating)

<b>Thermal endurance</b>	155°C	<b>Resistance to : Oils</b>	excellent
<b>Brittle point, NEMA TF-1</b>	-25°C	<b>Acids and alkalis</b>	excellent
		<b>Solvents</b>	excellent
		<b>Corona</b>	good
		<b>Fungus</b>	good

<b>DIELECTRIC GRADE</b>	<b>PRODUCT NUMBER</b>	<b>MIN. AVE. BREAKDOWN</b>	<b>MIN. INDIV.</b>
A	417F	7000	6000
B	414F	4000	2500
C-1	412F	2500	1500
C-2	411F	1500	800

**AVAILABILITY**

- **SIZES:** **400F SERIES** is available in continuous spooled lengths or cut lengths in NEMA sizes #24 THROUGH 1 \_".
- **COLORS:** **400F SERIES** is available in black, white and natural. Other colors may be available subject to minimum order quantities and/or setup charges.
- **BRANDNAMES:** **400F SERIES™** is also available as **TURBOCRYL™**, **VOL-CRYL™** and **ACRYLIGLAS™**.

The above data is informational only and should not be used for specification purposes. 11/01

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