

HILEC 310B SERIES
VINYL COATED FIBERGLASS SLEEVING

THERMAL CLASS : 130°C
IEEE service temperature: -20°C to 130°C
NEMA TF-1, TYPE 3

MIL-I-3190...MIL-I-21557
FLAMMABILITY : VW-1
UL FILE E86619 & E123956

CSA- LR94072

DESCRIPTION

310B SERIES is comprised of specially formulated poly vinyl chloride resin applied to premium electrical grade braided fiberglass sleeving.

310B SERIES is flame resistant, highly flexible, extremely abrasion resistant sleeving designed for use in class 130°C insulating systems.

310B SERIES is compatible with most commonly used insulating resin systems.

RECOMMENDED USE

310B SERIES is used as supplementary insulation on motors, generators, and transformers. Additionally, **310B SERIES** has found applications in the radio, television and electronics industries as terminal insulation where operating temperatures are 130°C or lower. Its flame resistance renders **310B SERIES** ideal for applications involving soldered splices and terminations.

PHYSICAL PROPERTIES (coating)

Thermal endurance	130°C	Resistance to:	Corona	Excellent
Flame resistance	Self-extinguishing		Acids	Excellent
Cold brittle point	-20°C maximum		Weak alkalis	Excellent
Oil resistance (24 hr @ 105°C)	No swelling or disintegration		Esters	Excellent
			Fungus	Meets MIL-I- 631

DIELECTRIC GRADE	PRODUCT NUMBER	MIN. AVE. BREAKDOWN	MIN. INDIV.
A	317B	8000	6000
B	314B	4000	2500
C-1	312B	2500	1500

AVAILABILITY

- **SIZES:** **310B SERIES** is available in continuous spooled lengths or cut lengths in NEMA sizes #24 through 1"
- **COLORS:** **310B SERIES** is available in black and white. Other colors may be available subject to minimum order quantities and/or setup charges.
- **BRANDNAMES:** **310 SERIES** is also available as **TURBOTUF™**, **VOL-FLEX™** or **VG-41™**

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

Phone: (585) 492-2212 • Fax: (800) 450-8193
 Email: info@hilec.com • Website: www.hilec.com