



HILEC Inc.  
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**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)**

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

<b>DIELECTRIC GRADE</b>	<b>PRODUCT NUMBER</b>	<b>MIN. AVE. BREAKDOWN</b>	<b>MIN. INDIV.</b>
A	317B	7000	5000
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:** **310B SERIES** is also available as **TURBOTUF™**, **VOL-FLEX™** or **VG-41™**