

HILEC 547R SUPERSTRETCH

EXPANDABLE SILICONE RUBBER COATED FIBERGLASS SLEEVING

THERMAL CLASS: 200°C
NEMA TF-1, Type 5

MIL-I-3190/6 (grade A)
UL FILE E123956 (grade A)

DESCRIPTION

547R SUPERSTRETCH is comprised of a two-component liquid silicone rubber continuously applied to expandable fiberglass braid. This construction allows the sleeving to be expanded to over twice its relaxed diameter. **547R SUPERSTRETCH** provides superior expandability while retaining excellent physical and electrical properties over a wide range of temperatures (-55°C to +200°C).

RECOMMENDED USE

547 SUPERSTRETCH is recommended for sleeving applications that require a snug fit over irregular shapes. It has the capability to provide a "heat shrink"-like fit while still exhibiting flexibility, abrasion resistance, moisture resistance, cut-through resistance and chemical resistance.

PHYSICAL PROPERTIES (coating)

| | | | |
|-------------------------|------------------------|-----------------------|-----------|
| Hardness | 30 durometer, shore A | Resistance to: | |
| Tensile Strength | >1000 psi | Ozone | Excellent |
| Elongation | >600 % | Corona | Excellent |
| 100% Modulus | 300 psi | Radiation | Excellent |
| Tear strength | 150 ppi | Sunlight | Excellent |
| Compression set | >8.0% (22 hrs @ 177°C) | Fungus | Excellent |

| DIELECTRIC GRADE | PRODUCT NUMBER | MIN. AVE. BREAKDOWN | MIN. INDIV. |
|-------------------------|-----------------------|----------------------------|--------------------|
| A | 547RSS | 8000 | 6000 |

AVAILABILITY

- **SIZES:** **547R SUPERSTRETCH** is available in continuous spooled lengths or cut lengths in 8 various sizes designed to cover NEMA #13 through 1" I.D. (see reverse).
- **COLORS:** **547R SUPERSTRETCH** is available in black and white. Other colors may be available subject to minimum quantities and/or set-up charges.

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

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