



HILEC LLC
11 Railroad Avenue
Arcade, New York 14009
Phone: (585) 492-2212
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HILEC 547R SUPERSTRETCH EXPANDABLE SILICONE RUBBER COATED FIBERGLASS SLEEVING

THERMAL CLASS: 200°C

MIL-I-3190/6 (Grade A)

NEMA TF-1, Type 5

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, which 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	Ozone	Excellent
Tensile Strength	>1000 psi	Corona	Excellent
Elongation	>600 %	Radiation	Excellent
100% Modulus	300 psi	Sunlight	Excellent
Tear strength	150 ppi	Fungus	Excellent
Compression set	>8.0% (22 hrs @ 177°C)		

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 NEMA sizes #24 through 1/2".
- COLORS:** **547R SUPERSTRETCH** is available in black and white. Other colors may be available subject to minimum quantities and/or set-up charges.



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SIZES AND DIMENSIONS

SIZE		I.D."		FEET PER STANDARD SPOOL
AWG	RANGE	RELAXED	EXPANDED	
#13	#13 - #7	0.076	0.144	250
#9	#9 - #3	0.118	0.229	250
#6	#6 - #1	0.166	0.289	250
#3	#3 - .437"	0.234	0.437	250
#0	#0 - .625"	0.330	0.625	100
.375"	.375" - .750"	0.375	0.750	100
.500"	.500" - 1.00"	0.500	1.000	100
.625"	.625" - 1.25"	0.625	1.250	100