

TYPE HSIC - FR

HEAVY WALL HEAT SHRINKABLE END CAP

UL Listed to 600 Volts

Type HSIC-FR, **H**eat **S**hrink **I**nsulating **E**nd **C**ap **F**ire **R**etardant is a heavy wall, fire retardant end cap made of cross-linked thermally stabilized black polyolefin. Used to insulate exposed conductors in energized applications. The 3:1 shrink ratio offers greater range, accommodating copper wire sizes, #8 AWG thru 2500+ kcmil. Performs effectively over lead, aluminum, steel, polyethylene, EPR, and PVC jacketed materials. Blue thermal chromatic lines disappear indicating correct installation temperature and provide inspectability. I.D. adhesive provides superior moisture and weather resistant characteristics.



Features and Benefits

- Minimum 28 Oxygen index, UL94-VO rated.
 - ◊ Self-extinguishing flame retardant properties.
- 3:1 shrink ratio.
 - ◊ Minimum inventory required.
- Thermal chromatic lines.
 - ◊ Indicate proper installation.
- Low shrink temperature, 150°C.
 - ◊ Only requires common hot air gun to apply.
- Meets sealing requirements:
 - ANSI-C119.1, UL486D
 - ◊ Weather and moisture resistant.



Catalog Number	600V Cable		Internal Diameter		Wall Thickness		Length ± 20%		Number of Pcs. per Package
	Code	Flex	(Min.)	(Max.)	Exp.	Rec.	Exp.	Rec.	
			Exp.	Rec.		± 20%		± 20%	
HSIC8-1FR	#8 - #1	#8 - #4	.50	.16	.034	.080	3.0	2.50	10
HSIC4-40FR	#4 - 4/0	#4 - 2/0	.75	.24	.030	.080	3.5	2.50	10
HSIC10-500FR	1/0 - 500 kcmil	#1 - 313.1 kcmil	1.10	.35	.039	.120	4.0	3.00	5
HSIC30-1000FR	3/0 - 1000 kcmil	2/0 - 646 kcmil	1.50	.47	.054	.160	4.5	3.25	5
HSIC200FR	300 - 1750 kcmil	250 - 1111 kcmil	2.00	.63	.050	.160	4.5	3.50	5
HSIC269FR	600 - 2500 kcmil	—	2.68	.87	.050	.160	5.0	4.00	5
HSIC350FR	1250 kcmil (min)	—	3.50	1.18	.051	.160	5.0	4.50	5



1. Slide the HSIC-FR end cap onto the cable and hold in place using forefinger or thumb.



2. Beginning at closed end apply heat, blue thermochromatic lines will begin to disappear at 150° C. Gradually, move heat source to open end and around cap. Once lines are no longer visible and adhesive flows out of open end, discontinue heating.



3. HSIC-FR end cap installed on cable.

Blue highlighted items are industry standard and most frequently ordered.