

Catalog Number	Supplied			Recovery			Min Order Quantity	Package Quantity	Heat Gun
	Ø ID Min.	Length	Wall Thickness	Ø id Max.	Length	Wall Thickness			
HSIC81FR	.500 [12.7]	2.5 [63.5]	.034 [.86]	.16 [4.1]	2.5 [63.5]	.080 [2]	1	1 Package of 10 Pieces	BMSG1100
HSIC81FREA	.500 [12.7]	2.5 [63.5]	.034 [.86]	.16 [4.1]	2.5 [63.5]	.080 [2]	10	10 Pieces in 1 Package	
HSIC440FR	.750 [19]	2.5 [63.5]	.030 [.76]	.24[6.1]	2.5 [63.5]	.080 [2]	1	1 Package of 10 Pieces	
HSIC440FREA	.750 [19]	2.5 [63.5]	.030 [.76]	.24[6.1]	2.5 [63.5]	.080 [2]	10	10 Pieces in 1 Package	
HSIC10500FR	1.100 [27.9]	3.0 [76.2]	.039 [1]	.35 [8.9]	3.0 [76.2]	.120 [3]	1	1 Package of 5 Pieces	
HSIC10500FREA	1.100 [27.9]	3.0 [76.2]	.039 [1]	.35 [8.9]	3.0 [76.2]	.120 [3]	5	5 Pieces in 1 Package	
HSIC301000FR	1.500 [38.1]	3.5 [88.9]	.054 [1.4]	.47 [11.9]	3.5 [88.9]	.160 [4]	1	1 Package of 5 Pieces	
HSIC301000FREA	1.500 [38.1]	3.5 [88.9]	.054 [1.4]	.47 [11.9]	3.5 [88.9]	.160 [4]	5	5 Pieces in 1 Package	
HSIC200FR	2.000 [50.8]	3.5 [88.9]	.050 [1.3]	.63 [16]	3.5 [88.9]	.160 [4]	1	1 Package of 5 Pieces	
HSIC200FREA	2.000 [50.8]	3.5 [88.9]	.050 [1.3]	.63 [16]	3.5 [88.9]	.160 [4]	5	5 Pieces in 1 Package	
HSIC350FR	3.500[88.9]	4.5 [114.3]	.051 [1.3]	1.18 [30]	4.5 [114.3]	.160 [4]	1	1 Package of 5 Pieces	
HSIC350FREA	3.500[88.9]	4.5 [114.3]	.051 [1.3]	1.18 [30]	4.5 [114.3]	.160 [4]	5	5 Pieces in 1 Package	

TYPE HSIC-FR

HEAVY WALL HEAT SHRINK INSULATION END CAP

Cross-Linked Polyolefin

Features & Benefits Update

1. Material: Heavy wall cross link thermally stabilized black polyolefin  
UL94-V0 recognized flame retardant material.

2. 3:1 shrink ratio

3. Shrink temperature of 150°C

4. Blue thermochromic lines disappear indicating correct installation temperature.

5. Rated up to 600 Volts

6. Sealing adhesive provides superior moisture and water resistant characteristics meeting:

UL486D Sealed Wire Connector Systems

ANSI C119.1 for Electrical Connectors - Sealed Insulated Underground Connector Systems Rated 500 Volts.

7. Used to insulate exposed conductors in energized applications.

8. Catalog Numbering Scheme (Example **HSIC81FREA**)

**HSIC** = Heat Shrink Insulated Cap

**81** = Wire Designation / Internal Diameter

**FR** = Flame Retardant

**EA** = Order Type (EA = Each, **Blank** = 1 Package)

9. Product Ordering Example: \*Minimum Order Quantities (MOQ) Apply.

HSIC81FR Order by the Package: 1 = 1 Package of 10 Pieces

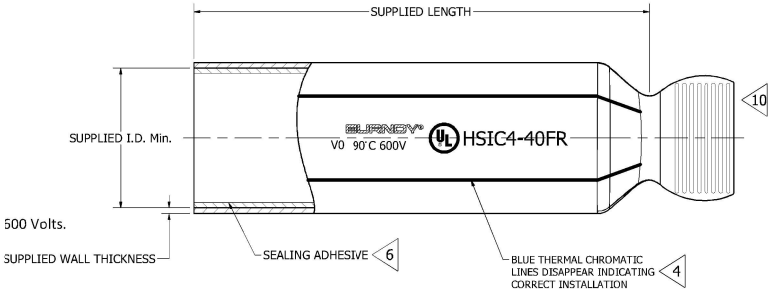
HSIC81FREA Order by the Piece / Each: Order Qty 10 = 10 Pieces in 1 Package.

10. Grip does not shrink during installation.

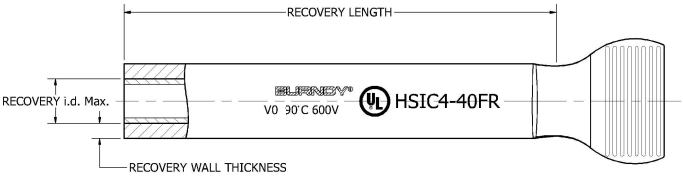
11. End caps perform effectively over lead, aluminum, steel, polyethylene, EPR and PVC jacketed materials and the outside diameter of the Insulation will dictate which endcap to select.

REPRESENTATIVE SELECTION GUIDE FOR COPPER WIRE		
600V CABLE		
Catalog Number	Copper Code	Copper Flex
HSIC81FR	#8-#11 AWG	#8-#4 AWG
HSIC440FR	#4-4/0 AWG	#4-2/0 AWG
HSIC10500FR	1/0 AWG-500 kcmil	#1 AWG-313 DLO
HSIC301000FR	3/0 AWG-1000 kcmil	2/0 AWG-646 DLO
HSIC200FR	300-1750 kcmil	250 kcmil-1111 DLO
HSIC350FR	1250 kcmil [Min]	-

\*Wires in the table are for reference and the installer should select the proper endcap based on the OD of the wire insulation.



SUPPLIED



RECOVERY

REV	DATE	DESCRIPTION	ECO	BY	CHK.
C	04/05/2022	CREATED NEW SALES DRAWING	220502019696	YR	RA

Product Family

Heat Shrink End Cap

Heat

Shrink

Insulation Cap

Wire Designation Internal Diameter

81-#8-#1  
440-#4-#0  
10500 1/0-500  
301000 3/0-1000  
200 2.00"  
350 3.50"

Material Type: FR Flame Retardant

Order Type: EA Each (Blank) Package

H

S

IC

81

FR

EA

Catalog Number Scheme

HSIC81FR

INSTALLATION & INSTRUCTIONS



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 thermochromic 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.

TO ORDER BURNDY® PRODUCTS CALL

UNITED STATES  
1-800-346-4175 (LONDONDERRY, NH)

CANADA:  
1-800-387-6487

FOR PRODUCT INFO: <http://www.burndy.com>

HEAVY WALL HEAT SHRINKABLE END CAP

ITEM NO: SEE TABLE		CAT. NO: SEE TABLE	
DRAWN BY: R.YOGARAJ	04/07/2022		
CHECKER: B.NADEAU	05/05/2022		
DSN APRVL: --			
MFG APRVL: --			
QA APRVL: --		DRAWING NO	
DRKT APRVL: B.MICHAUD	05/05/2022	REV	
PROD FAM: --		SIZE	
PROJECT #: --		SC209680-01	
DOCUMENT TYPE: SALES		SHEET 1 OF 1	
REL LEVEL: Released		C	