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Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

BURNDY wiring accessories have been designed to supplement and enhance BURNDY connector selection and use. All have been designed and engineered for easy installation

and long life, reflecting over 85 years of experience and resulting contributions to all aspects of the electrical industry.

PENETROX™

HOW TO INSTALL CONNECTORS:

1. Select the right connector.

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Always use an aluminum connector for aluminum or copper conductor. Choose a connector that's marked for the wire size you're using. Never use a copper connector on aluminum conductor.

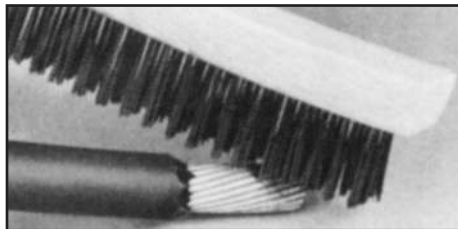


2. Strip carefully.

Remove the insulation without nicking the wire.

3. Brush thoroughly.

Always wire-brush the stripped portion of the wire. An unplated terminal pad, and the surface to which the terminal will be attached should also be wire-brushed.



4. Apply PENETROX™

For mechanical connectors, apply PENETROX™ joint compound liberally to the conductor to prevent the formation of surface oxides once the connection is made. Also apply PENETROX™ to any terminal pad.



5. Tighten completely.

For mechanical connectors, use wrench or screwdriver to securely tighten the aluminum connectors, as recommended by BURNDY.



6. Crimp.

For compression connectors, choose the right die and the right tool. Insert the wire completely and make the recommended number of crimps.



Blue highlighted items are industry standard and most frequently ordered.

TYPES PENETROX™ A, A-13, E AND HT

OXIDE-INHIBITING JOINT COMPOUNDS

PENETROX™ oxide-inhibiting compounds produce low initial contact resistance, seal out air and moisture, prevent oxidation or corrosion, exhibit superior weathering characteristics, are usable over wide temperature ranges, and provide a high conductivity “gas-tight” joint. All PENETROX™ compounds contain homogeneously suspended metal particles. The suspended metal particles assist in penetrating thin oxide films, act as electrical “bridges” between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

The specially formulated PENETROX™ compounds are for use with compression and bolted connectors providing an improved service life for both copper and aluminum connections. Additionally, the nontoxic compounds are an excellent lubricant for threaded applications reducing galling and seizing.



PENACARTRIDGE

PENACARTRIDGE is a 1 lb. cartridge filled with PENETROX-A. It's designed to fit standard caulking guns for easy insertion into transmission and distribution connectors. Additionally, this packaging design provides a convenient method for applying PENETROX™ to many different applications.



PENETROX™ A-13

PENETROX™ A-13 is a synthetic base compound with evenly suspended zinc particles. It is recommended for aluminum to aluminum, aluminum to copper connections plus aluminum conduit threads. It is compatible with rubber, polyethylene and other insulating materials. UL Listed for all voltages.

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PENETROX™ A

PENETROX A is a natural (petroleum) base compound with evenly suspended zinc particles. It is recommended for aluminum to aluminum, aluminum to copper connections and aluminum conduit threads. It is not recommended for use with rubber or polyethylene insulated conductors. UL listed to 600V.



PENETROX™ E

PENETROX™ E is a synthetic base compound with evenly suspended copper particles. It is recommended for copper to copper, copper threads and all grounding applications. UL Listed.



PENETROX™ HT

PENETROX™ HT is a synthetic silicone based compound with evenly suspended zinc particles and nickel-aluminum alloy particles. It is recommended for aluminum to aluminum connections. It is compatible with rubber. Designed for use with High Temperature ACSS and ACCC connectors. Not UL Listed.

Blue highlighted items are industry standard and most frequently ordered.

PENETROX™ A, A-13, E AND HT

TECHNICAL INFORMATION

PENETROX A

PENETROX A consists of a natural (petroleum) base vehicle in which zinc particles are suspended. For aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. It is not recommended for use with rubber and polyethylene insulated conductors. UL Listed to 600 volts.

PENETROX E

PENETROX E consists of a non-petroleum base vehicle in which copper granules are suspended. Recommended for copper to copper applications, grounding and for use on copper conduit threads. UL Listed to 600 volts.

PENETROX HT

PENETROX HT consists of a non-petroleum base vehicle in which zinc and nickel-aluminum particles are suspended. Recommended for use with aluminum to aluminum High Temperature rated ACSS and ACCC conductors. Not UL Listed.



Easy to apply:

1. Scratch brush the conductor surfaces until bright and clean.
2. Immediately apply PENETROX™ to the conductive surfaces.
3. For EHV applications, remove all excess PENETROX™ after installation is complete.

SHELF LIFE

When stored in its original container in cool (under 100°F) dry environment, PENETROX™ oxide inhibiting compound will remain workable and functional for 5 years from the Date of Manufacture (MO) marked on the container.



PENETROX A-13

PENETROX A-13 consists of a non-petroleum base vehicle in which zinc particles are suspended. Recommended for aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. Compatible with insulating materials such as rubber, or polyethylene. UL Listed and recommended for all voltages.

PROPERTIES OF PENETROX™

Property	Value PENETROX™ Definition	PENETROX™ HT	PENETROX™ E & A13	PENETROX™ A
Penetration (Unworked)	The value in accordance to ASTM D217 indicates the consistency of a grease. The higher the number, the softer the grease.	240	250	230
Dropping Point (Minimum)	The temperature at which the grease passes from the semi-solid to a liquid state under test conditions.	>580° F	350° F	230° F
Pour Point (Maximum)	The lowest temperature at which the compound will flow. Pour point is the lubricant's ability to perform in cold conditions.	-58° F	-40° F	-15° F

* MSDS sheets available through customer service.

ORDERING INFORMATION

Catalog Number				Container Type	Container Size
PENETROX™ A	PENETROX™ A-13	PENETROX™ E	PENETROX™ HT †		
PENA 1/2	—	—	—	Tube	1/2 oz.
PENA-4	PENA13-4	PENE-4	PENHT-4	Squeeze Bottle	4 oz.
P8A	PENA13-8	PENE-8	PENHT-8	Squeeze Bottle	8 oz.
PENACARTRIDGE	PENA13CARTRIDGE	—	PENHT1LB	Cartridge	1 lb.*
PENA-QT	PENA13-QT	PENE-QT	—	Plastic Tub	1 Quart
PENA-GAL	PENA13-GAL	PENE-GAL	PENHTGAL	Can	1 Gallon
PENA-5GAL	PENA13-5GAL	PENE-5GAL	—	Pail	5 Gallons
PENA-55GAL	PENA13-55GAL	PENE-55GAL	—	Drum	55 Gallons

* 1 lb. cartridge will fit standard caulking guns.

† Not UL Listed.



B38-0305-00 Wire Brush

Blue highlighted items are industry standard and most frequently ordered.

TYPE BDSC

Duct Sealing Compound

BDSC Asbestos Free Sealer is a gray, permanently soft, nontoxic compound which will adhere to most clean, dry surfaces. BDSC Sealer will not adversely affect other plastic materials or corrode metals. It also has no adverse effect on human skin.

Supplied in a convenient block shape overwrapped with release paper and bagged in a clear reentry type PVC bag with application data.

Details:

- Unlimited shelf life
- Dielectric strength approximately 100V/ mil. using ASTM D149-64
- Nontoxic and nonirritating
- Easily shaped by hand to suit the application
- 100% nonvolatile solids including nondrying, synthetic polymers with inert mineral fibers
- Recommended working range when applying is 20 degrees F. Tolerance range is 40 degrees to 194 degrees F. Will not sag at 280 degrees F when under such exposure for brief periods
- Permanent pliable and non-cracking. May be painted immediately

Catalog Number	Block Size	Carton Quantity
BDSC1	1 lb.	50 lbs.
BDSC5	5 lbs.	50 lbs.

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Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-T-PF

THIN WALL HEAT
SHRINK TUBING

Cross-Linked Polyolefin

6 Inch Lengths



Meets SAE-AMS-DTL-2305315
1000 V

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Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #18 AWG to 300 kcmil. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C.

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range	Pieces per Package	
						# Pieces Black	# Pieces Each Color
HSM116T6PF26	1/16	0.06	0.03	0.02	#18	8	3
HSB116T6PF26	1/16	0.06	0.03	0.02	#18	26	0
HSM332T6PF24	3/32	0.09	0.05	0.02	#18-16	6	3
HSB332T6PF24	3/32	0.09	0.05	0.02	#18-16	24	0
HSM18T6PF20	1/8	0.12	0.06	0.02	#18-14	2	3
HSB18T6PF20	1/8	0.12	0.06	0.02	#18-14	20	0
HSM316T6PF18	3/16	0.19	0.09	0.02	#18-12	6	2
HSB316T6PF18	3/16	0.19	0.09	0.02	#18-12	18	0
HSM14T6PF14	1/4	0.25	0.12	0.18	#14-10	2	2
HSB14T6PF14	1/4	0.25	0.12	0.18	#14-10	14	0
HSM38T6PF12	3/8	0.38	0.19	0.02	#8-6	6	1
HSB38T6PF12	3/8	0.38	0.19	0.02	#8-6	12	0
HSM12T6PF10	1/2	0.50	0.12	0.02	#6-2	4	1
HSB12T6PF10	1/2	0.50	0.12	0.02	#6-2	10	0
HSM34T6PF8	3/4	0.75	0.38	0.02	#1-3/0	2	1
HSB34T6PF8	3/4	0.75	0.38	0.02	#1-3/0	8	0
HSM100T6PF7	1	1.00	0.50	0.18	2/0-300	1	1
HSB100T6PF7	1	1.00	0.50	0.18	2/0-300	7	0

HSB series — all black

HSM series — multiple colors: black, blue, clear, green, red, white, yellow

HSB11612T6PF14	1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2	—	—	14	0
HSB38100T6PF8	3/8, 1/2, 3/4, 1"	—	—	8	0

Multiple diameter packages contain two pieces of each size listed: Black only.

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

TYPE HS-T-PF**THIN WALL HEAT SHRINK TUBING**

Cross-Linked Polyolefin

4 Foot Reels

Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #18 AWG to 300 kcmil. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C.



Meets SAE-AMS-DTL-2305315
600 VOLTS

Specify Color Code in Third Position of Catalog Number:

Example: HSC316T48PF

B : BLACK
BL : BLUE
C : CLEAR
G : GREEN
R : RED
W : WHITE
Y : YELLOW

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range
HS_116T48PF	1/16	0.06	0.03	0.018	#18
HS_332T48PF	3/32	0.09	0.05	0.020	#18 - 16
HS_18T48PF	1/8	0.12	0.06	0.020	#18 - 14
HS_316T48PF	3/16	0.19	0.09	0.020	#18 - 12
HS_14T48PF	1/4	0.25	0.12	0.180	#14 - 10
HS_38T48PF	3/8	0.38	0.19	0.020	#8 - 6
HS_12T48PF	1/2	0.50	0.12	0.020	#6 - 2
HS_34T48PF	3/4	0.75	0.38	0.020	#1 - 3/0
HS_100T48PF	1	1.00	0.50	0.180	2/0 - 300
HS_150T48PF	1-1/2	1.50	0.75	0.180	350 - 750
HS_200T48PF	2	2.00	1.00	0.180	250 - 500

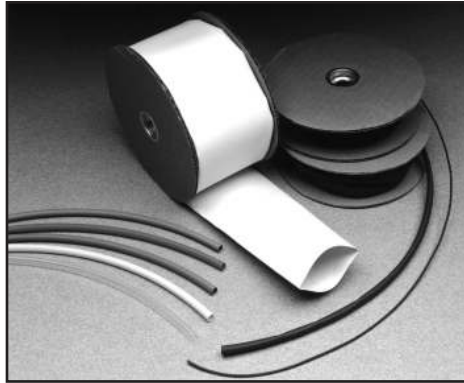
Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-T-PF

THIN WALL HEAT
SHRINK TUBING

Cross-Linked Polyolefin

25 Foot Reels



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Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #18 AWG to 300 kcmil. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C.



Meets SAE-AMS-DTL-2305315
600 VOLTS

**Specify Color Code in Third Position of
Catalog Number:**

Example: HSC116T300PF

B : BLACK
BL: BLUE
C : CLEAR
G : GREEN
R : RED
W : WHITE
Y : YELLOW

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range
HS_116T300PF	1/16	0.06	0.03	0.018	#18
HS_332T300PF	3/32	0.09	0.05	0.020	#18 - 16
HS_18T300PF	1/8	0.12	0.06	0.020	#18 - 14
HS_316T300PF	3/16	0.19	0.09	0.020	#18 - 12
HS_14T300PF	1/4	0.25	0.12	0.180	#14 - 10
HS_38T300PF	3/8	0.38	0.19	0.020	#8 - 6
HS_12T300PF	1/2	0.50	0.12	0.020	#6 - 2
HS_34T300PF	3/4	0.75	0.38	0.020	#1 - 3/0
HS_100T300PF	1	1.00	0.50	0.180	2/0 - 300

Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-H-PF**HEAVY WALL HEAT
SHRINK TUBING**

Cross-Linked Polyolefin

Cut Lengths and 4 Foot Sticks

Type HS-H-PF is a heavy wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The shrink ratio is 3:1, and the inside diameter is coated with an adhesive sealant to protect against moisture and corrosion. UL486D Listed for direct burial applications. Accommodates #14 AWG - 500 kcmil conductors. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C.



Meets SAE-AMS-DTL-2305315
1000 V

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Catalog Number	Length	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range	Number of Pcs. Per Package
HSB35H3PF25	3"	0.35	0.35	0.15	0.07	#14-10	25
HSB35H6PF25	6"	0.35	0.35	0.15	0.07	#14-10	25
HSB35H48PF5	4'	0.35	0.35	0.15	0.07	#14-10	5
HSB34H6PF10	6"	0.75	0.75	0.22	0.09	#6-2	10
HSB34H9PF10	9"	0.75	0.75	0.22	0.09	#6-2	10
HSB34H48PF5	4'	0.75	0.75	0.22	0.09	#6-2	5
HSB110H6PF5	6"	1.10	1.10	0.40	0.12	#1-3/0	5
HSB110H9PF5	9"	1.10	1.10	0.40	0.12	#1-3/0	5
HSB110H48PF5	4'	1.10	1.10	0.40	0.12	#1-3/0	5
HSB150H9PF3	9"	1.50	1.50	0.50	0.16	2/0-350	3
HSB150H12PF3	12"	1.50	1.50	0.50	0.16	2/0-350	3
HSB150H48PF5	4'	1.50	1.50	0.50	0.16	2/0-350	5
HSB200H9PF2	9"	2.00	2.00	0.75	0.16	250-500	2
HSB200H12PF2	12"	2.00	2.00	0.75	0.16	250-500	2
HSB200H48PF2	4'	2.00	2.00	0.75	0.16	250-500	2

Available in black only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSIC - FR

HEAVY WALL HEAT SHRINKABLE
END CAP

UL LISTED TO 600V

Type HSIC-FR, Heat Shrink Insulating End Cap Fire Retardant 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.

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Features & 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.



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.

Catalog Number	600V Cable		Internal Diameter		Wall Thickness		Length ± 20%		Number of Pcs. per Package
	Code	Flex	(Min) Exp.	(Max) Rec	Exp.	Rec. ± 20%	Exp.	Rec.	
HSIC8-1FR	#8-#1	#8-#4	0.50	0.16	0.03	0.08	3.00	2.50	10
HSIC4-40FR	#4-4/0	#4-2/0	0.75	0.24	0.03	0.08	3.50	2.50	10
HSIC10-500FR	1/0-500 kcmil	#1-313.1 kcmil	1.10	0.35	0.04	0.12	4.00	3.00	5
HSIC30-1000FR	3/0-1000 kcmil	2/0-646 kcmil	1.50	0.47	0.05	0.16	4.50	3.25	5
HSIC200FR	300-1750 kcmil	250-1111 kcmil	2.00	0.63	0.05	0.16	4.50	3.50	5
HSIC350FR	1250 kcmil (min)	—	3.50	1.18	0.05	0.16	5.00	4.50	5

Blue highlighted items are industry standard and most frequently ordered.

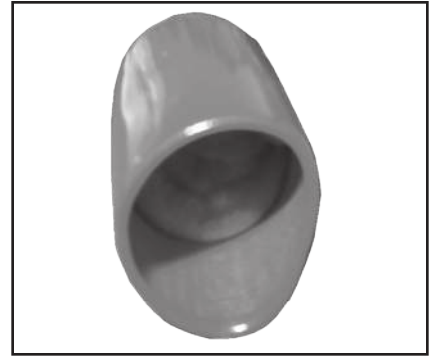
TYPE BSC

Push-On Cable End Cap Containing “Super-Seal” Waterproofing Mastic

Waterproofing seals work instantly and stay in place with tape. The maximum conductors shown in the table are based upon caps that have been stretched when making the installations. The same items can be effectively installed on small conductors since the mastic has adhesive qualities when pressed by firmly pushing the caps against the conductor ends.

Bagged in clear polyethylene with an information tag. Shelf service life is indefinite since Super-Seal is non-hardening. Super-Seal has no adverse effect on cable insulation.

Additional intermediate sizes and larger sizes through 4.88" O.D. can also be supplied on special orders to specific color codes. Contact factory for information.



Material:
600V PVC

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Catalog Number	Max. Conductor (O.D. based on a Snug Cap Fit)	Cap Color Code	Pieces per Bag	Standard Box Quantity
BSC687	0.75	Red	3	300
BSC1000	1.06	Orange	3	300
BSC1125	1.21	Yellow	3	300
BSC1375	1.47	Gray	3	300
BSC1500	1.63	Black	3	300
BSC1875	1.94	Yellow	3	150
BSC2000	2.06	Black	3	150
BSC2375	2.44	Blue	3	150
BSC2500	2.56	Black	3	150
BSC25002.5	2.56	Black	3	150

Blue highlighted items are industry standard and most frequently ordered.

TYPE BPC

Force Fit Cable Caps

BPC caps are sized to provide force fits on the listed diameters of conductors. Caps are color coded as indicated and are packaged in clear polyethylene bags which show size and application data. Caps conform to the conductor shape and will remain in place without using tape. A moisture seal cannot always be assured using this method however. All caps are 1.5" tall.



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Additional intermediate sizes and larger sizes through 4.88" O.D. can also be supplied on special orders to specific color codes. Contact factory for information.

Material:
600V PVC

Catalog Number	Conductor O.D. Range (inches)	Conductor Size Ratings (Based on 600 V XLP Insulation)		Cap Color Code	Pieces per Bag	Standard Box Quantity
		Concentric & Compressed Str.	Compact Strand			
BPC312	.32 - .38	6 & 4	6, 4 & 2	Orange	100	500
BPC375	.38 - .44	4 & 2	2	Red	100	500
BPC437	.44 - .51	1	1 & 10	Pink	100	500
BPC500	.51 - .55	1/0	2/0	Yellow	100	500
BPC562	.57 - .65	2/0 & 3/0	3/0	Pale Blue	100	500
BPC625	.63 - .70	-	4/0	Pink	100	500
BPC687	.69 - .75	4/0	250	Red	100	500
BPC750	.76 - .84	250 & 300	300 & 350	Black	100	500
BPC843	.85 - .93	350	400	Brown	50	250
BPC875	.88 - .96	400	500	Maroon	50	250
BPC1000	1.00 - 1.08	500	600	Orange	50	250
BPC1125	1.13 - 1.21	600	750	Yellow	50	250
BPC1187	1.19 - 1.27	750	-	Black	50	250
BPC1250	1.30 - 1.38	-	1000	Red	50	250
BPC1375	1.38 - 1.47	1000	-	Gray	50	250
BPC1500	1.53 - 1.63	1250	-	Black	40	200
BPC1687	1.70 - 1.80	1500	-	Pale Blue	40	200
BPC1875	1.90 - 2.04	2000	-	Yellow	40	200
BPC2000	2.02 - 2.18	-	-	Orange	40	200
BPC2375	2.39 - 2.55	-	-	Blue	40	200
BPC2500	3.50 - 3.66	-	-	Black	40	200
BPC3500	3.50 - 3.66	-	-	Red	40	200

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSC-FR

VISI-SHRINK™

Fire Retardant Clear Heat
Shrink Tubing

UL Recognized to 600V



Type HSC-FR is a flexible polyvinyl chloride clear heat-shrink tubing. Excellent flame retardant properties and a 2:1 shrink ratio, the VISI-SHRINK tubing enables inspectors to read die index embossments on installed connectors easily. UL Recognized, 105° C, 600V, the operating temperature from -20° C to 105° C with a shrink temperature of 135° C.



Features & Benefits

- UL 224, VW-1 Rated
 - ◇ Self-extinguishing flame retardant properties.
- Clear Tubing
 - ◇ Allows inspection of die index embossment and shiner after installation is complete. Should any corrosion occur it will be visible during inspection.
- Low Shrink Temperature
 - ◇ Only requires common hot air guns to apply.
- Meets MIL-M-23053/Z-206C

F-13

Catalog Number	I.D. Expanded	I.D. After Recovery	Wall Thickness	Conductor Range		Standard Reel Size (Feet)
				Code	Flex	
HSC18FR	0.13	0.06	0.03	#16-#14	#16-#14	50
HSC18FR250	0.13	0.06	0.03	#16-#14	#16-#14	250
HSC14FR	0.25	0.13	0.03	#12-#8	#12-#10	50
HSC14FR250	0.25	0.13	0.03	#12-#8	#12-#10	250
HSC38FR	0.38	0.19	0.03	#6-#4	#8-#6	50
HSC38FR250	0.38	0.19	0.03	#6-#4	#8-#6	250
HSC12FR	0.50	0.25	0.03	#4-#1	#6-#4	50
HSC12FR250	0.50	0.25	0.03	#4-#1	#6-#4	250
HSC34FR	0.75	0.38	0.03	1/0-3/0	#2-1/0	50
HSC34FR250	0.75	0.38	0.03	1/0-3/0	#2-1/0	250
HSC100FR	1.00	0.50	0.04	4/0-300	1/0-4/0	25
HSC100FR100	1.00	0.50	0.04	4/0-300	1/0-4/0	100
HSC112FR	1.50	0.75	0.04	350-750	250-500	25
HSC112FR100	1.50	0.75	0.04	350-750	250-500	100
HSC200FR	2.00	1.00	0.05	800-1000	500-750	25
HSC200FR100	2.00	1.00	0.05	800-1000	500-750	100

NOTES:

1. Shrink temperature is 135° C (275° F).
2. For best results move heat gun along the length of heat shrink to avoid concentrations.
3. To extend useful life, store material below 70°F.
4. For additional Heat Shrinkable Tubing see "URD" section Type RYAC and RK169-2, RK170-2 in this section.

Blue highlighted items are industry standard and most frequently ordered.

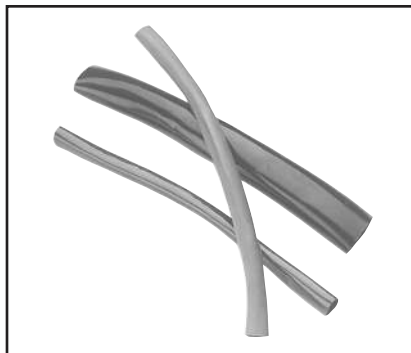
TYPE HS-FR

THIN WALL HEAT SHRINK

Fire Retardant
Heat Shrink Tubing

UL Recognized to 600V

Type HS-FR is a flexible polyvinyl chloride thin wall heat shrink. Offering insulating, color identification and strain relieving properties for terminations and splices. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #16 AWG to 1000 kcmil. UL Recognized, 105° C, 600V, operating temperatures from -20° C to 105° C with a shrink temperature of 135°.



Features & Benefits

- UL 224, VW-1 Rated
 - ◊ Self-extinguishing flame retardant properties.
- Multi-use Tubing
 - ◊ Insulate, strain relief.
- Easy Identification
 - ◊ Available in wide range of colors.
- Low Shrink Temperature
 - ◊ Only requires common hot air guns to apply.
- Meets MIL-M-23053/Z-206C

How to Order:

Example: **HSB18FR**

- B** - Black
- BLU** - Blue
- G** - Green
- R** - Red
- W** - White
- Y** - Yellow



Catalog Number	I.D. Expanded	I.D. After Recovery	Wall Thickness	Conductor Range		Standard Reel Size (Feet)
				Code	Flex	
HS_18FR	0.125	0.062	0.025	#16 - #14	#16 - #14	50
HS_18FR250	0.125	0.062	0.025	#16 - #14	#16 - #14	250
HS_14FR	0.250	0.125	0.025	#12 - #8	#12 - #10	50
HS_14FR250	0.250	0.125	0.025	#12 - #8	#12 - #10	250
HS_38FR	0.375	0.187	0.025	#6 - #4	#8 - #6	50
HS_38FR250	0.375	0.187	0.025	#6 - #4	#8 - #6	250
HS_12FR	0.500	0.250	0.025	#4 - #1	#6 - #4	50
HS_12FR250	0.500	0.250	0.025	#4 - #1	#6 - #4	250
HS_34FR	0.750	0.375	0.030	1/0 - 3/0	#2 - 1/0	50
HS_34FR250	0.750	0.375	0.030	1/0 - 3/0	#2 - 1/0	250
HS_100FR	1.000	0.500	0.035	4/0 - 300	1/0 - 4/0	25
HS_100FR100	1.000	0.500	0.035	4/0 - 300	1/0 - 4/0	100
HS_112FR	1.500	0.750	0.040	350 - 750	250 - 500	25
HS_112FR100	1.500	0.750	0.040	350 - 750	250 - 500	100
HS_200FR	2.000	1.000	0.045	800 - 1000	500 - 750	25
HS_200FR100	2.000	1.000	0.045	800 - 1000	500 - 750	100

NOTES:

1. Shrink temperature is 135° C (275° F).
2. For best results move heat gun along the length of heat shrink to avoid concentrations.
3. To extend useful life, store material below 70° F.
4. For additional Heat Shrinkable Tubing see "URD" section Type RYAC and RK169-2, RK170-2 in this section.

Blue highlighted items are industry standard and most frequently ordered.

**MISCELLANEOUS
ACCESSORIES****TYPE BHSG1100****HEAT GUN**

250° - 1100° F (121° - 650° C)



Multi-purpose, low cost heat gun has an electronic variable thermal control dial. BHSG1100 meets the requirements of UL. It has a temperature range of 250° - 1100° F (121° - 650° C). 2 speed motor. Built-in safety stand heat guard included. Professional heat gun and accessories are recommended for all of your BURNDY heat shrink applications.

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Blue highlighted items are industry standard and most frequently ordered.