


Catalog Number	Supplied Ø ID Min.	Recovery Ø id Max.	Wall Thickness	Length	Voltage Rating	Package Type	Min Order Quantity	Package Quantity	Total Pieces (Black Heat Shrink)
HSB35H3PF25	0.35	0.12	0.07	3"	600V	Multi-Pack (3" Lengths)	1	1 pack of 25 pieces	25
HSB35H6PF25	0.35	0.12	0.07	6"	600V	Multi-Pack (6" Lengths)	1	1 pack of 25 pieces	25
HSB35H48PF5	0.35	0.12	0.07	4'	600V	Multi-Pack (4' Lengths)	1	1 pack of 5 pieces	5
HSB34H4PF25	0.75	0.24	0.09	4"	600V	Multi-Pack (4" Lengths)	1	1 pack of 25 pieces	25
HSB34H6PF10	0.75	0.22	0.09	6"	600V	Multi-Pack (6" Lengths)	1	1 pack of 10 pieces	10
HSB34H9PF10	0.75	0.22	0.09	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 10 pieces	10
HSB34H48PF5	0.75	0.22	0.09	4'	600V	Multi-Pack (4' Lengths)	1	1 pack of 5 pieces	5
HSB110H2PF25	1.10	0.35	0.12	2"	600V	Multi-Pack (2" Lengths)	1	1 pack of 25 pieces	25
HSB110H6PF5	1.10	0.40	0.12	6"	600V	Multi-Pack (6" Lengths)	1	1 pack of 5 pieces	5
HSB110H9PF5	1.10	0.40	0.12	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 5 pieces	5
HSB110H9PF50	1.10	0.40	0.12	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 50 pieces	50
HSB110H48PF5	1.10	0.40	0.12	4'	600V	Multi-Pack (4' Lengths)	1	1 pack of 5 pieces	5
HSB150H4PF25	1.50	0.47	0.16	4"	600V	Multi-Pack (4" Lengths)	1	1 pack of 25 pieces	25
HSB150H9PF3	1.50	0.50	0.16	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 3 pieces	3
HSB150H12PF3	1.50	0.50	0.16	12"	600V	Multi-Pack (12" Lengths)	1	1 pack of 3 pieces	3
HSB150H48PF5	1.50	0.50	0.16	4'	600V	Multi-Pack (4' Lengths)	1	1 pack of 5 pieces	5
HSB200H9PF2	2.00	0.63	0.16	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 2 pieces	2
HSB200H9PF50	2.00	0.63	0.16	9"	600V	Multi-Pack (9" Lengths)	1	1 pack of 50 pieces	50
HSB200H12PF2	2.00	0.63	0.16	12"	600V	Multi-Pack (12" Lengths)	1	1 pack of 2 pieces	2
HSB200H12PF50	2.00	0.63	0.16	12"	600V	Multi-Pack (12" Lengths)	1	1 pack of 50 pieces	50
HSB200H48PF2	2.00	0.63	0.16	4'	600V	Multi-Pack (4' Lengths)	1	1 pack of 2 pieces	2

Product Family **Heat Shrink Heavy Wall**



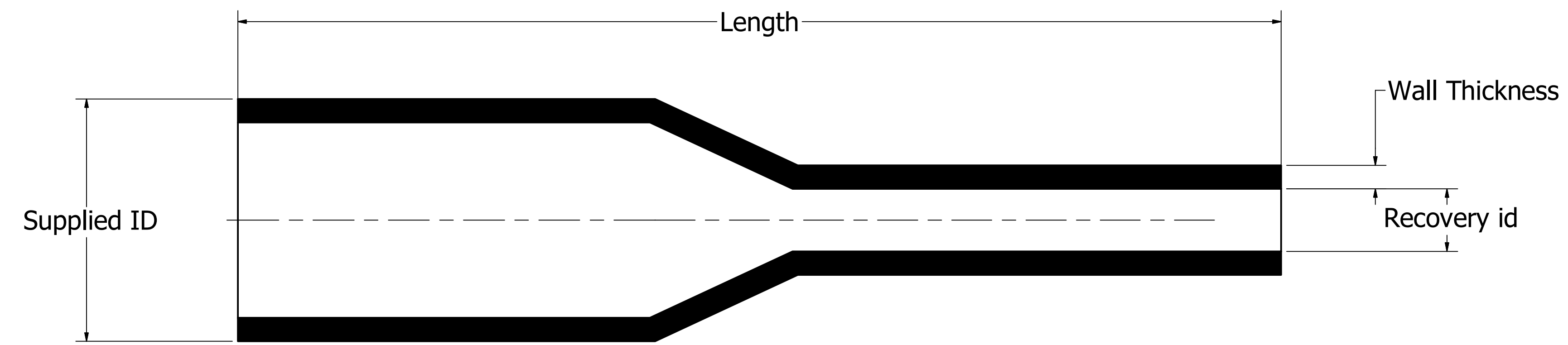
Heat Shrink Color	B: Black	Internal Diameter:	35: 0.35"	34: 0.75"	110: 1.10"	150: 1.50"	200: 2.00"	Type	H: Heavy Wall	Package Type: Multipacks	3: 3" Lengths	6: 6" Lengths	9: 9" Lengths	12: 12" Lengths	48: 4' Lengths	Material:	PF: Polyolefin	Number of Piece
<b>H S B</b>			<b>35</b>					<b>H</b>		<b>3</b>						<b>PF</b>	<b>25</b>	

Catalog Number Scheme **HSB35H3PF25**

### TYPE HS-H-PF



- HEAVY WALL HEAT SHRINK TUBING**
- Features & Benefits**
- Material: Heavy wall heat shrink tubing made from Cross-Linked Polyolefin
  - Products comes in 2, 3, 4, 6, 9, 12 inch & 4 foot precut multi packaged lengths.
  - 3:1 shrink ratio
  - Inside diameter coated with adhesive sealant to protect against moisture and corrosion.
  - Operating temperature from -55°C to 135°C
  - Shrink temperature of 120°C
  - Meets SAE-AMS-DTL-23053/5
  - Rated up to 600 Volts
  - UL486D Lised for direct burinal applications and CSA Certified.
  - Used to insulate electrical connections and provide abrasion and environmental protection.
  - See Part# BMSG110 for Heat Gun tool Specifications
  - Installation Instructions can be found on page 2 of this drawing.



Heavy Wall Heat Shrink Wire Accommodates Matrix 3:1					
Nominal Size (Fraction)	Nominal Size (Issued)	Recovery Size (Shrunk)	CU Code	CU Flex	Aluminum
0.35"	0.35	0.12	14 - 10 AWG	14 - 5 AWG	8 - 12 AWG
3/4"	0.75	0.22	6 - 2 AWG	8 - 3/0 AWG	8 - 2/0 AWG
1.10"	1.10	0.40	1 - 3/0 AWG	3 AWG - 350 KCMIL	4 AWG - 300 KCMIL
1-1/2"	1.50	0.50	2/0 AWG - 350 KCMIL	1 AWG - 650 KCMIL	2 AWG - 600 KCMIL
2"	2.00	0.63	250 - 500 KCMIL	2/0 AWG - 1000 KCMIL	2/0 AWG - 1000 KCMIL

\*WIRES IN THE TABLE ARE FOR REFERENCE AND THE INSTALLER SHOULD SELECT THE PROPER HEAT SHRINK BASED ON THE O.D. OF THE WIRE INSULATION, TERMINAL OR SPLICE BEING USED.



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 SHRINK			
ITEM NO:	SEE TABLE		
CAT. NO:	SEE TABLE		
DRAWN BY:	M.RAMESH	7/19/2019	
CHECKER:	K.BOUTIN	10/16/2019	
DSN APRVL:	K.CASTONGUAY	1/17/2020	
MFG APRVL:	--	--	
QA APRVL:	B.ELLIOTT	10/16/2019	
MKT APRVL:	K.BOUTIN	10/16/2019	
PROD FAM:	--	--	
PROJECT #:	--	SIZE	DRAWING NO
DOCUMENT TYPE:	SALES	D	SD211942-01
REL LEVEL:	Released		SHEET 1 OF 2

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### Splice Installation Instructions

**⚠ ATTENTION**

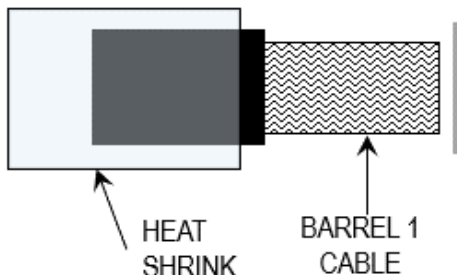
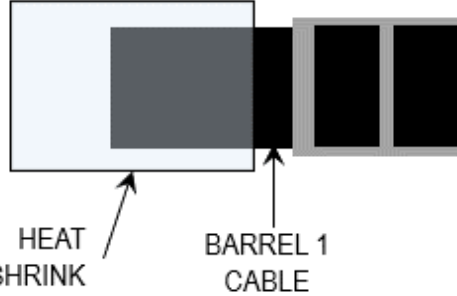
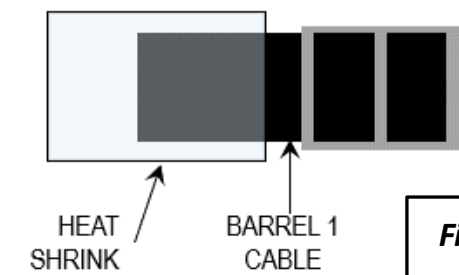
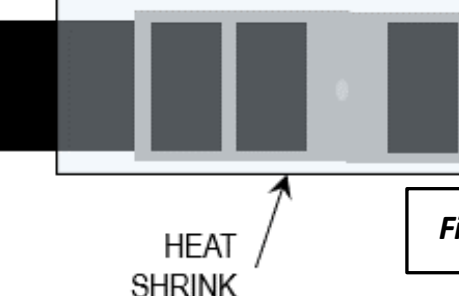
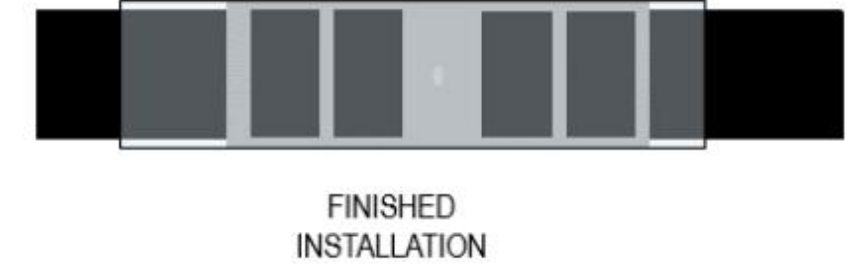
REFERENCE MASTER CATALOG, SALES DRAWING, WEBSITE AND/OR CONNECT APPLICATION FOR TOOL/DIE & ADDITIONAL INSTALLATION INFORMATION.

#### INSTALLATION


- Strip the insulation to the appropriate length based on the wire strip length recommendations for the selected connector. Strip lengths can be found in the Burndy master catalog, website or sales drawing. Be careful not to nick the cable strands which may result in cut/broken wire.
- Slide heat shrink over cable, (figure 1)
- Fully insert the conductor into barrel 1. If the connector has an inspection window, the conductor will be visible in the window, confirming full wire insertion, (figure 2).
- Apply the proper number of crimps specified. Crimp between the markings, always crimp from center going outward, repeat crimping process for barrel 2, (figure 3).
- Once the splice is fully crimped, slide the heat shrink over the center of the completed assembly and apply heat until full shrinkage is obtained, (figure 4).
- The shrink temperature is 248°F (120°C). If using BHSG1100 tool, use low setting (500°F) and place heat gun approximately six inches from the tubing surface. DO NOT USE THE DEFLECTOR.
- Apply heat evenly, radially, starting at the center and working outwards. When shrink tube has taken contour of the item being covered, installation is complete, (finished installation image).

**⚠ CAUTION**

To prevent damage to the tubing, DO NOT OVERHEAT! Always apply heat uniformly using a back and forth motion. DO NOT FOCUS the heat gun over area. Focusing the








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### Terminal Installation Instructions

**⚠ ATTENTION**

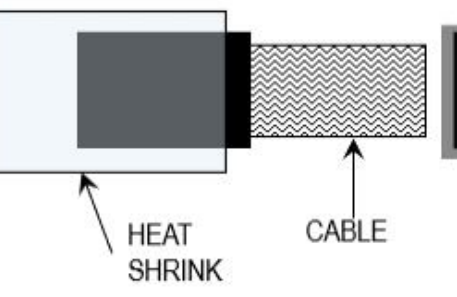
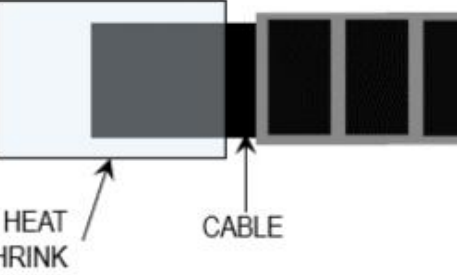
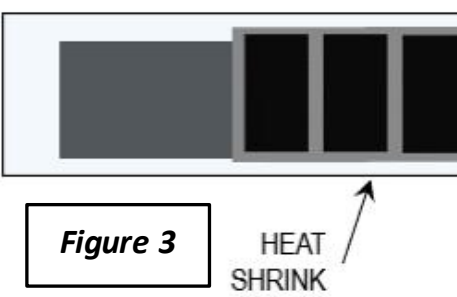
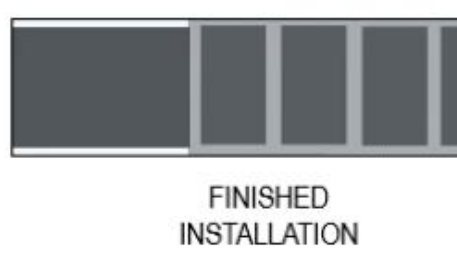
REFERENCE MASTER CATALOG, SALES DRAWING, WEBSITE AND/OR CONNECT APPLICATION FOR TOOL/DIE & ADDITIONAL INSTALLATION INFORMATION.

#### INSTALLATION


- Strip the insulation to the appropriate length based on the wire strip length recommendations for the selected connector. Strip lengths can be found in the Burndy master catalog, website or sales drawing. Be careful not to nick the cable strands which may result in cut/broken wire.
- Slide heat shrink over cable, (figure 1)
- Fully insert the conductor into the barrel. If the connector has an inspection window, the conductor will be visible in the window, confirming full wire insertion, (figure 2).
- Apply the proper number of crimps specified. Crimp within the crimp zone markings, always crimp starting on pad end going outward, repeat crimping process until all crimps are complete for barrel, (figure 3).
- Once the terminal is fully crimped, slide the heat shrink over the center of the completed assembly and apply heat until full shrinkage is obtained, (figure 3).
- The shrink temperature is 248°F (120°C). If using BHSG1100 tool, use low setting (500°F) and place heat gun approximately six inches from the tubing surface. DO NOT USE THE DEFLECTOR.
- Apply heat evenly, radially, starting at the terminal pad and working outwards. When shrink tube has taken contour of the item being covered, installation is complete, (finished installation image).

**⚠ CAUTION**


To prevent damage to the tubing, DO NOT OVERHEAT! Always apply heat uniformly using a back and forth motion. DO NOT FOCUS the heat gun over area. Focusing the

SCAN QR CODE FOR MEDIUM & LARGE HYDENT™ COMPRESSION CONNECTORS INSTALLATION INSTRUCTIONS SUPPORT, INCLUDING SALES DRAWINGS AND HEAT SHRINK INSTALLATION VIDEOS.



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		ITEM NO: SEE TABLE CAT. NO: SEE TABLE DRAWN BY: M.RAMESH 7/19/2019 CHECKER: K.BOUTIN 10/16/2019 DSN APRVL: K.CASTONGUAY 1/17/2020 MFG APRVL: -- QA APRVL: B.ELLIOTT 10/16/2019 MKT APRVL: K.BOUTIN 10/16/2019 PROD FAM: --	
			
		DRAWING NO: SD211942-01 REV: L	
		PROJECT #: -- SIZE: D DOCUMENT TYPE: SALES REL LEVEL: Released SHEET 2 OF 2	