



HST Thick Wall Heat Shrink

INSTALLATION INSTRUCTIONS Part No. IN003, Rev. 2

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Listed 6R72
(Except HST 3.0)



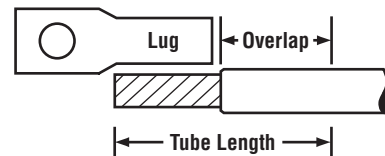
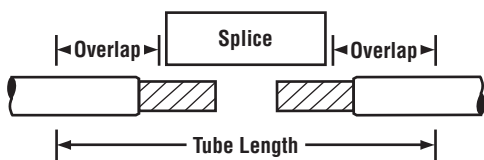
Black Only
(Including HST 3.0)

WARNING: Follow installation instructions carefully. Use adequate ventilation and avoid charring or burning. Consult Material Safety Data Sheet for further information.

1. Calculate the minimum tube length.

A. IN-LINE SPLICE CONNECTOR

minimum overlap length from application guide (over) _____ x 2 = _____
 splice length from manufacturer = _____
 total minimum tube length (add) = _____



B. LUG CONNECTOR

minimum overlap length from application guide (over) = _____
 conductor strip length from manufacturer = _____
 total minimum tube length (add) = _____

2. Clean the cable which will be covered by the tube.
3. Remove the cable insulation length for the connector according to the manufacturer's instructions.
4. Place the tube over the cable.
5. Install the connector according to the manufacturer's instructions.
6. Preheat the cable insulation where it will contact the tube.
7. Center the tube over the splice, or position it against the lug tongue.
8. Shrink the tube using a broad soft flame torch or hot air gun. Minimum recommended shrink temperature is 284° F (140° C). Continually move the heat source around the diameter of the tube, which will cause the product to recover. Do not scorch the tube.

A. IN-LINE SPLICE CONNECTOR

Shrink from the center of the tube toward the ends.

B. LUG CONNECTOR

Shrink from the lug end toward the opposite end.

The shrink is complete when adhesive oozes from between the tube and the cable and/or the lug.

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PANDUIT thick wall heat shrink tubing, HST, is UL listed and CSA certified when the connector O.D. is within the range on the APPLICATION GUIDE. UL requires UL 486A or B listed connectors and CSA requires C22.2, No. 65 certified connectors.

Black Part Number	Red Part Number	Minimum Exp. I.D. Inches (mm)	Maximum Rec. I.D. Inches (mm)	Tube Length Inches (mm)
HST0.4-3-Q	HST0.4-3-Q2	.40 (10.1)	.15 (3.8)	3 (76.2)
HST0.4-6-3	—			6 (152.4)
HST0.4-6-X	HST0.4-6-X2			48 (1.2M)
HST0.4-48-5	HST0.4-48-5-2	.80 (20.3)	.25 (6.4)	6 (152.4)
HST0.8-6-3	—			9 (228.6)
HST0.8-6-X	HST0.8-6-X2			12 (304.8)
HST0.8-9-X	HST0.8-9-X2			48 (1.2M)
HST0.8-12-5	HST0.8-12-5-2			6 (152.4)
HST0.8-48-5	HST0.8-48-5-2			9 (228.6)
HST1.1-6-3	—	1.10 (27.9)	.37 (9.4)	6 (152.4)
HST1.1-6-X	HST1.1-6-X2			9 (228.6)
HST1.1-9-2	—			12 (304.8)
HST1.1-9-X	HST1.1-9-X2			48 (1.2M)
HST1.1-12-5	HST1.1-12-5-2			9 (228.6)
HST1.1-48-5	HST1.1-48-5-2	1.50 (38.1)	.50 (12.7)	12 (304.8)
HST1.5-9-X	—			48 (1.2M)
HST1.5-12-1	—			9 (228.6)
HST1.5-12-5	—			12 (304.8)
HST1.5-48-5	—	2.00 (50.8)	.67 (16.9)	48 (1.2M)
HST2.0-9-5	—			9 (228.6)
HST2.0-12-2	—			12 (304.8)
HST2.0-48-2	—			48 (1.2M)
HST3.0-12-2	—	3.00 (76.2)	1.00 (25.4)	12 (304.8)
HST3.0-48-2	—			48 (1.2M)

Black Part Number	Red Part Number	Conductor Size Range AWG/MCM (mm ²)	Minimum Cable O.D. Inches (mm)	Maximum Connector O.D. Inches (mm)	Minimum Overlap Length Inches (mm)
HST0.4-3-Q	HST0.4-3-Q2	#12 - #6 (4 - 16)	.170 (4.3)	.350 (8.9)	1.50 (38.1)
HST0.4-6-3	—				
HST0.4-6-X	HST0.4-6-X2				
HST0.4-48-5	HST0.4-48-5-2	#8 - #1/0 (10 - 55)	.240 (6.1)	.650 (16.5)	1.50 (38.1)
HST0.8-6-3	—				
HST0.8-6-X	HST0.8-6-X2				
HST0.8-9-X	HST0.8-9-X2				
HST0.8-12-5	HST0.8-12-5-2				
HST0.8-48-5	HST0.8-48-5-2				
HST1.1-6-3	—	#2 - #4/0 (35 - 120)	.400 (10.1)	.875 (22.2)	1.50 (38.1)
HST1.1-6-X	HST1.1-6-X2				
HST1.1-9-2	—				
HST1.1-9-X	HST1.1-9-X2				
HST1.1-12-5	HST1.1-12-5-2				
HST1.1-48-5	HST1.1-48-5-2	#3/0 - 400 (95 - 185)	.600 (15.2)	1.190 (30.2)	2.00 (50.8)
HST1.5-9-X	—				
HST1.5-12-1	—				
HST1.5-12-5	—				
HST1.5-48-5	—	250 - 600 (125 - 300)	.750 (19.1)	1.600 (40.6)	2.00 (50.8)
HST2.0-9-5	—				
HST2.0-12-2	—				
HST2.0-48-2	—				
HST3.0-12-2	—	600 - 1250 (300 - 625)	1.20 (30.5)	2.250 (57.2)	2.00 (50.8)
HST3.0-48-2	—				

For instructions in Local Languages and Technical Support:

www.panduit.com/resources/install_maintain.asp



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