

A. System Overview

Heat Shrink in 6 Inch Pieces; Black, Single Diameter

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600 V
- Shrink ratio: 2:1
- Flammability: Flame retardant
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin



B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties



Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Total No. Pcs.	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm			
HSTT06-Y	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	26	1	10
HSTT09-Y	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	24	1	10
HSTT12-Y	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	20	1	10
HSTT19-Y	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	18	1	10
HSTT25-Y	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	14	1	10
HSTT38-Y	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	12	1	10
HSTT50-Y	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	10	1	10
HSTT75-Y	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	8	1	10
HSTT100-Y	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	6	1	10

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

Heat Shrink in 6 Inch Pieces; Multi-Color, Single Diameter

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600 V
- Shrink ratio: 2:1
- Flammability: Flame retardant EXCEPT clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin
- Colors include: clear, red, yellow, green, blue and white



E1. Labeling Systems



E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Total No. Pcs.	Black No. of Pieces	Each Color No. of Pieces	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm					
HSTT06-YK1	0.063	1.6	0.063	1.6	0.031	0.8	26	8	3	1	10
HSTT09-YK1	0.093	2.4	0.093	2.4	0.046	1.2	24	6	3	1	10
HSTT12-YK1	0.125	3.2	0.125	3.2	0.062	1.6	20	2	3	1	10
HSTT19-YK1	0.187	4.8	0.187	4.8	0.093	2.4	18	6	2	1	10
HSTT25-YK1	0.250	6.4	0.250	6.4	0.125	3.2	14	2	2	1	10
HSTT38-YK1	0.375	9.5	0.375	9.5	0.187	4.8	12	6	1	1	10
HSTT50-YK1	0.500	12.7	0.500	12.7	0.250	6.4	10	4	1	1	10
HSTT75-YK1	0.750	19.1	0.750	19.1	0.375	9.5	8	2	1	1	10
HSTT100-YK1	1.00	25.4	1.00	25.4	0.500	12.7	7	1	1	1	10

Recommended Tubing Size for Common Wire Types Based on Location For Insulated Wire, Non-Insulated Wire, and Insulated Wire with Copper Connectors

Instructions for Tube Selection:

1) Determine location type.

LOCATION:

DRY: A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

DAMP: Partially protected locations under canopies, marquees, roofed open porches and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, barns, and cold-storage warehouses.

WET: Installations underground or in concrete slabs or masonry in direct contact with the earth, and locations subject to saturation with water or other liquids, such as vehicle washing areas, and locations exposed to weather and unprotected.

- 2) Match wire size to location type under required application – insulated wire, non-insulated wire, or insulated wire with copper connectors.
- 3) Read corresponding part number.
- 4) Part numbers with “-Y” are packages containing 6 inch pieces. Part numbers with “-48” are 48 inch pieces.
- 5) Part numbers shown below are for black heat shrink.

Wire Size	Insulated Wire with Copper Connector			Uninsulated Wire		
	Dry-Shrink™	Damp-Shrink™	Wet-Shrink™	Dry-Shrink™	Damp-Shrink™	Wet-Shrink™
24	HSTT09-Y	HSTTA19-Y	—	—	—	—
22	HSTT09-Y	HSTTA19-Y	—	HSTT05-Y	—	—
20	HSTT12-Y	HSTTA19-Y	—	HSTT05-Y	—	—
18	HSTT12-Y	HSTTA19-Y	—	HSTT06-Y	—	—
16	HSTT19-Y	HSTTA25-Y	—	HSTT09-Y	—	—
14	HSTT19-Y	HSTTA25-Y	—	HSTT09-Y	HSTTA19-Y	—
12	HSTT25-Y	HSTTA38-Y	—	HSTT012-Y	HSTTA19-Y	—
10	HSTT25-Y	HSTTA38-Y	HST0.4-48-5Y	HSTT19-Y	HSTTA25-Y	—
8	HSTT38-Y	HSTTA50-Y	HST0.4-48-5Y	HSTT19-Y	HSTTA25-Y	—
6	HSTT50-Y	HSTTA50-Y	HST0.8-48-5Y	HSTT25-Y	HSTTA38-Y	HST0.4-48-5Y
4	HSTT50-Y	HSTTA75-Y	HST0.8-48-5Y	HSTT38-Y	HSTTA50-Y	HST0.4-48-5Y
3	HSTT50-Y	HSTTA75-Y	HST0.8-48-5Y	HSTT38-Y	HSTTA50-Y	HST0.4-48-5Y
2	HSTT75-Y	HSTTA100-Y	HST1.1-48-5Y	HSTT38-Y	HSTTA50-Y	HST0.8-48-5Y
1	HSTT75-Y	HSTTA100-Y	HST1.1-48-5Y	HSTT50-Y	HSTTA75-Y	HST0.8-48-5Y
1/0	HSTT75-Y	HSTTA100-Y	HST1.1-48-5Y	HSTT50-Y	HSTTA75-Y	HST0.8-48-5Y
2/0	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y	HSTT50-Y	HSTTA100-Y	HST0.8-48-5Y
3/0	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y	HSTT75-Y	HSTTA100-Y	HST1.1-48-5Y
4/0	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y	HSTT75-Y	HSTTA100-Y	HST1.1-48-5Y
250	HSTT100-Y	HSTTA150-Y	HST2.0-48-2Y	HSTT100-Y	HSTTA100-Y	HST1.1-48-5Y
300	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y
350	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y
400	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y
500	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT100-Y	HSTTA150-Y	HST1.5-48-5Y
600	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
700	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
750	HSTT200-48-5	HSTTA150-Y	HST3.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
800	HSTT200-48-5	HSTTA150-Y	HST3.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
900	HSTT200-48-5	—	HST3.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
1000	HSTT200-48-5	—	HST3.0-48-2Y	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2Y
1250	HSTT200-48-2	—	HST3.0-48-2Y	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2Y
1500	HSTT300-48-2	—	HST3.0-48-2Y	HSTT200-48-5	—	HST2.0-48-2Y
1750	HSTT300-48-2	—	HST3.0-48-2Y	HSTT200-48-5	—	HST2.0-48-2Y
2000	HSTT300-48-2	—	HST3.0-48-2Y	HSTT200-48-5	—	HST2.0-48-2Y

Sizing information is based on the following wire types: MTW, THHN, THWN, TFN, THW, TW, TF, RHW, RH, RHH and UL 1015.

THHN is the most common wire type.

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PANDUIT® ELECTRICAL SOLUTIONS

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