

A.
System
Overview

HSTT Heat Shrink 4 Foot Pieces and Reels

B1.
Cable Ties

- Applications include insulating, protecting, and color coding wires and cables

- UL Recognized, CSA Certified

B2.
Cable
Accessories

- Voltage: 600 V

- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)

- Shrink ratio: 2:1

- Temperature range: -67°F to 275°F (-55°C to 135°C)

- Flammability: Flame retardant EXCEPT clear

- For dry locations

- Material: Black cross-linked Polyolefin

B3.
Stainless
Steel Ties



C1.
Wiring
Duct



C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Length per Reel		Std. Pkg. Qty.	Std Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Ft.	m	Ft.	m		
HSTT05-48-Q	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	4	1.2	—	—	25	—
HSTT05-48-TL	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	4	1.2	—	—	250	—
HSTT05-C‡	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	—	—	100	30.5	1	10
HSTT05-M‡	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	—	—	1000	304.8	1	2
HSTT06-48-Q	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	4	1.2	—	—	25	—
HSTT06-48-TL	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	4	1.2	—	—	250	—
HSTT06-C‡	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	—	—	100	30.5	1	10
HSTT06-M‡	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	—	—	1000	304.8	1	2
HSTT09-48-Q	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	4	1.2	—	—	25	—
HSTT09-48-TL	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	4	1.2	—	—	250	—
HSTT09-C‡	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	—	—	100	30.5	1	10
HSTT09-M‡	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	—	—	1000	304.8	1	2
HSTT12-48-Q	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	4	1.2	—	—	25	—
HSTT12-48-TL	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	4	1.2	—	—	250	—
HSTT12-C‡	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	—	—	100	30.5	1	10
HSTT12-M‡	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	—	—	1000	304.8	1	2
HSTT19-48-Q	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	4	1.2	—	—	25	—
HSTT19-48-TL	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	4	1.2	—	—	250	—
HSTT19-C‡	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	—	—	100	30.5	1	10
HSTT19-M‡	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	—	—	1000	304.8	1	2
HSTT25-48-Q	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	4	1.2	—	—	25	—
HSTT25-48-TL	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	4	1.2	—	—	250	—
HSTT25-C‡	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	—	—	100	30.5	1	10
HSTT25-D‡	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	—	—	500	152.4	1	2
HSTT38-48-Q	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	4	1.2	—	—	25	—
HSTT38-48-TL	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	4	1.2	—	—	250	—
HSTT38-C‡	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	—	—	100	30.5	1	10
HSTT38-T‡	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	—	—	200	61.1	1	2

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue) and 10 (White) to end of part number.

‡Part sold per reel

HSTT Heat Shrink 4 Foot Pieces and Reels (continued)



Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Length per Reel		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Ft.	m	Ft.	m		
HSTT50-48-5	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	5	—
HSTT50-48-Q	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	25	—
HSTT50-48-T	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	200	—
HSTT50-C‡	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	—	—	100	30.5	1	10
HSTT50-T‡	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	—	—	200	61.1	1	2
HSTT75-48-5	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	4	1.2	—	—	5	—
HSTT75-48-CQ	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	4	1.2	—	—	125	—
HSTT75-C‡	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	—	—	100	30.5	1	10
HSTT75-T‡	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	—	—	200	61.1	1	2
HSTT100-48-5	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	4	1.2	—	—	5	—
HSTT100-48-LQ	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	4	1.2	—	—	75	—
HSTT100-C‡	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	—	—	100	30.5	1	2
HSTT150-48-5	1.50	38.1	1.50	38.1	0.750	19.1	0.040	1.0	4	1.2	—	—	5	—
HSTT150-C‡	1.50	38.1	1.50	38.1	0.750	19.1	0.040	1.0	—	—	100	30.5	1	2
HSTT200-48-5	2.00	50.8	2.00	50.8	1.00	25.4	0.045	1.1	4	1.2	—	—	5	—
HSTT200-L‡	2.00	50.8	2.00	50.8	1.00	25.4	0.045	1.1	—	—	50	15.2	1	2
HSTT300-48-2	3.00	76.2	3.00	76.2	1.50	38.1	0.050	1.3	4	1.2	—	—	2	—
HSTT300-L‡	3.00	76.2	3.00	76.2	1.50	38.1	0.050	1.3	—	—	50	15.2	1	0
HSTT400-48-2	4.00	101.6	4.00	101.6	2.00	50.8	0.055	1.4	4	1.2	—	—	2	—
HSTT400-L‡	4.00	101.6	4.00	101.6	2.00	50.8	0.055	1.4	—	—	50	15.2	1	0

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue) and 10 (White) to end of part number.

‡Part sold per reel

HSTT Heat Shrink on 25 Foot Reels

- Applications include insulating and protecting 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 (Black) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin



Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTT05-Q	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	1	10
HSTT06-Q	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	1	10
HSTT09-Q	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	1	10
HSTT12-Q	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	1	10
HSTT19-Q	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	1	10
HSTT25-Q	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	1	10
HSTT38-Q	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	1	10
HSTT50-Q	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	1	10
HSTT75-Q	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	1	10

* For clear, add C to end of part number.

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Steel Ties

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	In.	mm	In.	mm	In.	mm	In.	mm	Ft.	m	Ft.	m		
HSTT05-48-Q	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	4	1.2	—	—	25	—
HSTT05-48-TL	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	4	1.2	—	—	250	—
HSTT05-C‡	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	—	—	100	30.5	1	10
HSTT05-M‡	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	—	—	1000	304.8	1	2
HSTT06-48-Q	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	4	1.2	—	—	25	—
HSTT06-48-TL	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	4	1.2	—	—	250	—
HSTT06-C‡	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	—	—	100	30.5	1	10
HSTT06-M‡	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	—	—	1000	304.8	1	2
HSTT09-48-Q	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	4	1.2	—	—	25	—
HSTT09-48-TL	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	4	1.2	—	—	250	—
HSTT09-C‡	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	—	—	100	30.5	1	10
HSTT09-M‡	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	—	—	1000	304.8	1	2
HSTT12-48-Q	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	4	1.2	—	—	25	—
HSTT12-48-TL	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	4	1.2	—	—	250	—
HSTT12-C‡	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	—	—	100	30.5	1	10
HSTT12-M‡	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	—	—	1000	304.8	1	2
HSTT19-48-Q	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	4	1.2	—	—	25	—
HSTT19-48-TL	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	4	1.2	—	—	250	—
HSTT19-C‡	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	—	—	100	30.5	1	10
HSTT19-M‡	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	—	—	1000	304.8	1	2
HSTT25-48-Q	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	4	1.2	—	—	25	—
HSTT25-48-TL	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	4	1.2	—	—	250	—
HSTT25-C‡	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	—	—	100	30.5	1	10
HSTT25-D‡	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	—	—	500	152.4	1	2
HSTT38-48-Q	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	4	1.2	—	—	25	—
HSTT38-48-TL	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	4	1.2	—	—	250	—
HSTT38-C‡	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	—	—	100	30.5	1	10
HSTT38-T‡	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	—	—	200	61.1	1	2

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue) and 10 (White) to end of part number.

‡Part sold per reel

PANDUIT® HSTT Heat Shrink 4 Foot Pieces and Reels (continued)



Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Length per Reel		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Ft.	m	Ft.	m		
HSTT50-48-5	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	5	—
HSTT50-48-Q	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	25	—
HSTT50-48-T	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	4	1.2	—	—	200	—
HSTT50-C‡	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	—	—	100	30.5	1	10
HSTT50-T‡	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	—	—	200	61.1	1	2
HSTT75-48-5	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	4	1.2	—	—	5	—
HSTT75-48-CQ	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	4	1.2	—	—	125	—
HSTT75-C‡	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	—	—	100	30.5	1	10
HSTT75-T‡	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	—	—	200	61.1	1	2
HSTT100-48-5	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	4	1.2	—	—	5	—
HSTT100-48-LQ	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	4	1.2	—	—	75	—
HSTT100-C‡	1.00	25.4	1.00	25.4	0.500	12.7	0.035	0.9	—	—	100	30.5	1	2
HSTT150-48-5	1.50	38.1	1.50	38.1	0.750	19.1	0.040	1.0	4	1.2	—	—	5	—
HSTT150-C‡	1.50	38.1	1.50	38.1	0.750	19.1	0.040	1.0	—	—	100	30.5	1	2
HSTT200-48-5	2.00	50.8	2.00	50.8	1.00	25.4	0.045	1.1	4	1.2	—	—	5	—
HSTT200-L‡	2.00	50.8	2.00	50.8	1.00	25.4	0.045	1.1	—	—	50	15.2	1	2
HSTT300-48-2	3.00	76.2	3.00	76.2	1.50	38.1	0.050	1.3	4	1.2	—	—	2	—
HSTT300-L‡	3.00	76.2	3.00	76.2	1.50	38.1	0.050	1.3	—	—	50	15.2	1	0
HSTT400-48-2	4.00	101.6	4.00	101.6	2.00	50.8	0.055	1.4	4	1.2	—	—	2	—
HSTT400-L‡	4.00	101.6	4.00	101.6	2.00	50.8	0.055	1.4	—	—	50	15.2	1	0

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue) and 10 (White) to end of part number.

‡Part sold per reel

PANDUIT® HSTT Heat Shrink on 25 Foot Reels

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



Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTT05-Q	0.046	1.2	0.046	1.2	0.023	0.6	0.016	0.4	1	10
HSTT06-Q	0.063	1.6	0.063	1.6	0.031	0.8	0.017	0.4	1	10
HSTT09-Q	0.093	2.4	0.093	2.4	0.046	1.2	0.020	0.5	1	10
HSTT12-Q	0.125	3.2	0.125	3.2	0.062	1.6	0.020	0.5	1	10
HSTT19-Q	0.187	4.8	0.187	4.8	0.093	2.4	0.020	0.5	1	10
HSTT25-Q	0.250	6.4	0.250	6.4	0.125	3.2	0.025	0.6	1	10
HSTT38-Q	0.375	9.5	0.375	9.5	0.187	4.8	0.025	0.6	1	10
HSTT50-Q	0.500	12.7	0.500	12.7	0.250	6.4	0.025	0.6	1	10
HSTT75-Q	0.750	19.1	0.750	19.1	0.375	9.5	0.030	0.8	1	10

* For clear, add C to end of part number.

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B2.
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B3.
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Steel Ties

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