

A.  
System  
Overview



## HSTT Heat Shrink 4 Foot Pieces and Reels

B1.  
Cable Ties

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

B2.  
Cable  
Accessories

- 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: 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.