	HSTT	HSTTV	HSTTN	HSTTK	HSTTT	HSTTP	HSTTPN
Typical Applications	For use in insulating, protecting, harnessing and identifying electrical and electronic components in a wide variety of applications	For use where UL recognition with VW-1 rating is required and where wire component cannot tolerate higher shrink temperatures	For use in military vehicles and ship-board, where chemical resistance especially to fuels and oils is needed	For use in protecting and providing strain relief for wire or connectors in high temperature or solvent rich environments, insulation of heaters	For use where high insulation, abrasion resistance, temperature, strain relief is needed; or used with fiber optics and as a strain relief for high density connectors	For use where ripple free conformance around sharp bends is needed, such as in appliance handles and busbars; or where good cut through and solder-iron resistance is needed	For use in protecting wire and cable markers and where continuous inspection of splices is needed
U.V. Resistant	X(4)	X(4)	X(4)	X	X	X(4)	
UL Listed							
UL Recognized	X(2)	X(2)		X		X	X
CSA Certified	X(2)	X(2)		X		X	X
VW-1 Rated		X(2)		X		X	X
Very Flexible		X	X				
Flexible	X					X	X
Semi-Rigid				X	X		
Thin Wall	X	X	X	X	X	X	X
Thick Wall							
Cross-Linked Material	X	X	X	X		X	
Colors Available	X	X					
Shrink Ratio	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Flame Retardant	X(2)	X	X	X	X	X	X
Adhesive Lined (Dual Wall)							
Meets Military Specifications	X(3)	X(3)	X	X(3)	X	X	X
Below Ground Application							
High Temp Applications (>275°F)				X	X		
Highly Chemical Resistant			X	X	X		
Low Coefficient of Friction					X		
Custom Cut Lengths	X	X	X	X	X	X	
Standard 6" pieces	X	X					
Standard 4' lengths	X	X		X	X		
Small 25' Reels	X	X	X			X	
Large Reels	X	X	X			X	X
Shrink Temperature	194°F	194°F	275°F	275°F	644°F	212°F	212°F
Shelf Life (Years)	5	5	5**	5	4	1	1
RoHS Compliant	X	X	X	X	X	X	X

(1) Black/Red
(2) Except Clear
(3) Material Performance only
(4) Black only
(5) Outer Wall
**Excluding HSTTN300 which is 2 years.

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Panduit Heat Shrink Tubing Selection Guide

	DAMP SHRINK				WET SHRINK		
	HSTTVA	HSTTRA	HSTTA	HSTT4A	HST	HSEC	HSECFR
Typical Applications	For use where flexible tubing is needed in order to seal and protect components from moisture and corrosion	For use where an environmental seal is needed, protecting components forming a rugged and heavy duty covering, such as a connector to cable transitions	For use where an environmental seal is needed, protecting components such as a connector to cable transitions	For use where an environmental seal is needed, protecting oversized components with large transitions	For use above or below ground, sealing and protecting electrical connections and splices	For use in insulating, protecting and color coding the end of wires, cables and bundles	For use in insulating, protecting and color coding the end of wires, cables and bundles
U.V. Resistant	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)
UL Listed					X		
UL Recognized	X	X	X	X	X		X
CSA Certified					X		
VW-1 Rated	X(5)	X(5)	X(5)	X(5)	X		
Very Flexible							
Flexible	X		X	X			
Semi-Rigid		X			X		
Thin Wall	X	X	X	X			
Thick Wall					X	X	X
Cross-Linked Material	X	X	X	X	X	X	X
Colors Available					X(1)		
Shrink Ratio	2:1	2.5:1	3:1	4:1	3:1	2.5:1	3:1
Flame Retardant	X	X	X	X	X		X
Adhesive Lined (Dual Wall)	X	X	X	X	X	X	X
Meets Military Specifications	X(3)	X(3)	X(3)	X(3)	X		
Below Ground Application					X		
High Temp Applications (>275°F)							
Highly Chemical Resistant							
Low Coefficient of Friction							
Custom Cut Lengths	X	X	X		X		
Standard 6" pieces	X		X				
Standard 4' lengths	X	X	X	X	X		
Small 25' Reels							
Large Reels							
Shrink Temperature	248°F	257°F	248°F	248°F	248°F	248°F	248°F
Shelf Life (Years)	5	5	5	5	10	5	5
RoHS Compliant	X	X	X	X	X	X	X

(1) Black/Red
(2) Except Clear
(3) Material Performance only
(4) Black only
(5) Outer Wall

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