

## DWHST- Dual Wall Heat Shrink Tube

This environmentally friendly thin wall adhesive lined (dual wall) product is produced from flame retardant, cross linked polyolefin with an inner coating of hot melt adhesive. This product provides both electrical insulation and mechanical protection as well as a moisture proof environmental seal.

DWHST are available with expansion ratios of 3:1 and 4:1 making it possible to repair cable without removing connectors.

### Main Properties:

- ◇ Full recovery temperature:125°C
- ◇ Shrink temperature: Min. 80°C
- ◇ Operating temperature: -55°C~+125°C
- ◇ Shrink ratio: 3:1, 4:1
- ◇ Voltage class: 600V
- ◇ Flammability: VW-1
- ◇ Standard color: Black  
(Other colors are available at requesting)
- ◇ Shrinking tool: Heat Gun or Hot air tools
- ◇ Certificate: RoHS , UL



### Product Picture:



### Application:

- ◇ Sealing Connector-To-Cable Transitions
- ◇ Repairing Cable Jackets
- ◇ Outdoor Wire Harness Protection
- ◇ Auto Wires, Marine Cable Protection

### Technical Data:

Item		Test Method	Specifications
Tensile Strength		ASTM D2671	≥10.4Mpa
Ultimate Elongation		ASTM D2671	≥200%
Radial shrinking ratio		UL 224	≥50%
Longitudinal Change		UL 224	10%~0
After Aging In Circulating-air Oven (158.0±1.0°C, 168hrs)	Tensile Strength	ASTM D2671	≥7.3Mpa
	Ultimate Elongation	ASTM D2671	≥100%
Volume Resistivity		ASTM D876	≥10 <sup>14</sup> Ω.cm
Dielectric Strength		ASTM D2671	2500V,60s,No Beaking
Softening Point (Adhesive)			120±5°C
Water Absorption		ASTM D570	≤0.4%
Peel Strength		ASTM D2671	>80N/25mm

**Specification:**

**DWHST(3:1)**

Size (mm)	As supplied(mm)		After recovered(mm)		
	Min. I.D.	Wall Thickness	Max. I.D.	Total Wall Thickness	Adhesive Thickness
Φ3.2	3.2	0.45	1.0	1.00±0.20	0.50
Φ4.7	4.7	0.45	1.5	1.10±0.25	0.50
Φ6.4	6.4	0.50	2.0	1.20±0.25	0.50
Φ9.5	9.5	0.55	3.0	1.35±0.25	0.60
Φ12.7	12.7	0.70	4.0	1.75±0.30	0.80
Φ19.1	19.1	0.75	6.0	2.00±0.40	0.80
Φ25.4	25.4	0.85	8.0	2.30±0.45	1.10
Φ30.0	30.0	0.90	10.0	2.40±0.45	1.05
Φ40.0	40.0	0.95	13.0	2.55±0.45	1.05

**DWHST(4:1)**

Size (mm)	As supplied(mm)		After recovered(mm)		
	Min. I.D.	Wall Thickness	Max. I.D.	Total Wall Thickness	Adhesive Thickness
Φ4.0	4	0.50	1.0	1.20±0.25	0.50
Φ8.0	8	0.55	2.0	1.55±0.25	0.70
Φ12.0	12	0.65	3.0	2.05±0.30	0.90
Φ16.0	16	0.70	4.0	2.10±0.30	1.00
Φ24.0	24	0.85	6.0	2.60±0.40	1.20
Φ32.0	32	0.90	8.0	2.90±0.40	1.40

**Package:**

**Mini Reel**



**Bulk Reel**

