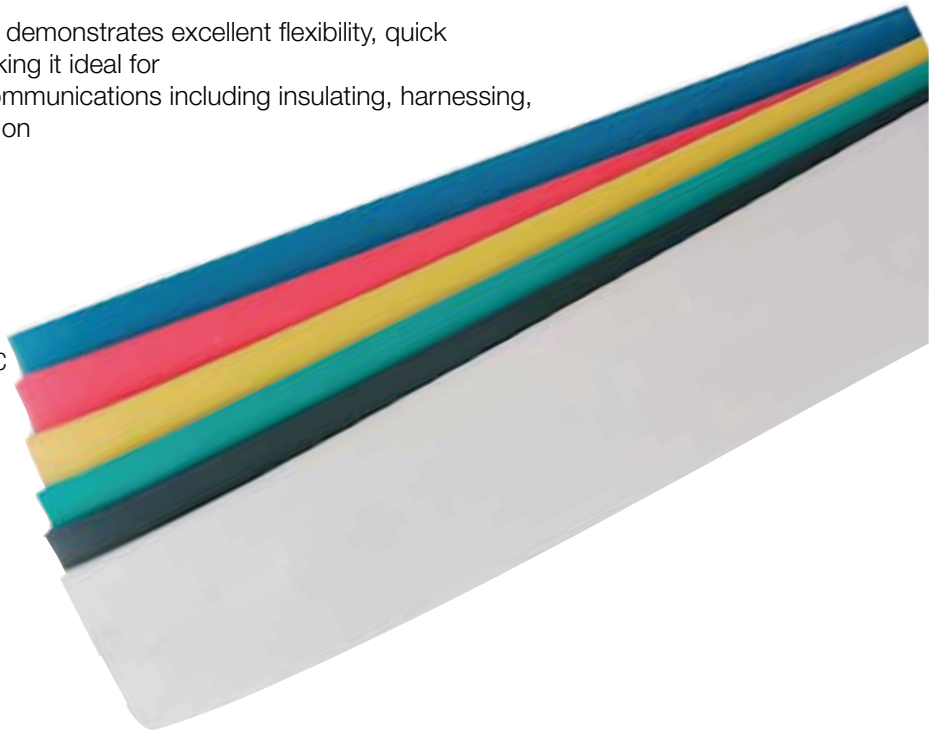


HSTW Series - Thin Wall resists common fluids & solvents

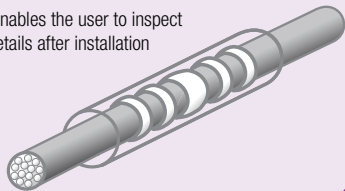
Treotham's Halogen Free + Heat Shrinkable Tube is a newly developed environmentally friendly, flame retardant tube using a specially designed formulation of advanced polymers. The product demonstrates excellent flexibility, quick shrinking and stable performance over time making it ideal for a wide variety of applications in electronics & communications including insulating, harnessing, mechanical protection, identification and corrosion & rust proofing.

Characteristics :

- Halogen free+
- Operating Temperature - 55°C to 125°C
- Shrink Ratio 2:1
- Shrink temperature - start at 70°C and shrunk totally at 120°C
- Flexible & flame retardant
- Meets RoHS standards
- Complies with UL224 VW-1, C-UL CSA C 22.2 OFT



Clear Shrink enables the user to inspect die & crimp details after installation



6

Part No.	Size	As Supplied (mm)		After Recovery (mm)		Application Range	Lengths (m)	
		ID	Average WT	Max ID	Average WT		Stick	Spool
HSTW1.50	1.5	2.0 +/- 0.3	0.18+/- 0.05	0.85	0.32+/- 0.10	0.95 - 1.4	1.2	200
HSTW2.50	2.5	3.0 +/- 0.3	0.18+/- 0.05	1.30	0.32+/- 0.10	1.35 - 2.3	1.2	200
HSTW3	3.0	3.5 +/- 0.4	0.18+/- 0.05	1.50	0.40+/- 0.10	1.6 - 2.7	1.2	200
HSTW5	5.0	5.5 +/- 0.4	0.25+/- 0.05	2.50	0.55+/- 0.10	2.6 - 4.5	1.2	100
HSTW7	7.0	7.5 +/- 0.4	0.28+/- 0.05	3.50	0.55+/- 0.10	3.7 - 6.3	1.2	100
HSTW10	10.0	10.5 +/- 0.5	0.30+/- 0.08	5.00	0.60+/- 0.10	5.2 - 9.0	1.2	100
HSTW13	13.0	13.5 +/- 0.5	0.35+/- 0.10	6.50	0.65+/- 0.10	6.7 - 12.0	1.2	100
HSTW20	20.0	22.0 +/- 0.7	0.40+/- 0.15	10.00	0.80+/- 0.15	10.4 - 19.0	1.2	100
HSTW25	25.0	26.0 +/- 0.7	0.55+/- 0.15	12.50	0.90+/- 0.15	12.8 - 24.0	1.2	50
HSTW40	40.0	41.5 +/- 0.7	0.55+/- 0.15	20.00	1.00+/- 0.15	21 - 39	1.2	50
HSTW50	50.0	51.0 +/- 0.7	0.55+/- 0.15	25.00	1.00+/- 0.15	26.0 - 49.0	1.2	25
HSTW80	80.0	≥ 80	0.70+/- 0.15	41.00	1.46+/- 0.20	45.0 - 75.0	1.2	25
HSTW100	100.0	≥ 100	0.70+/- 0.20	51.00	1.46+/- 0.20	55.0 - 95.0	1.2	25
HSTW120	120.0	≥ 120	0.70+/- 0.20	61.00	1.56+/- 0.20	65.0 - 115.0	1.2	10

CATALOGUE # PREFIX + COLOUR CODE + LENGTH eg HSTW5R1.2 = 5mm Red Thin Wall Heatshrink 1.2 length

COLOUR CODES

- Black - BK
- Yellow + - Y
- Blue - BL
- Yellow / Green + - YG
- Red - R
- Green - G
- White + - W
- Clear + - C

*Please note, yellow, white & yellow/green colours are not Halogen Free but are RoHS compliant. Clear is Halogen free but not flame retardant.

Due to ongoing product development, specification changes may result.

HSTDW Series - Thin Wall - Adhesive Lined

for general purpose commercial + industrial applications

Treotham's 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.

Characteristics :

- Operating Temperature - 45°C to 125°C
- Shrink Ratio 3:1
- Shrink temperature - start at 70°C and shrunk totally at 120°C
- Inner layer glue melt temperature 70-90°C
- Flexible & flame retardant
- Waterproof
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



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Part No.	Size	As Supplied (mm)		After Recovery (mm)		Application Range	Lengths (m)	
		ID	Average WT	Max ID	Average WT		Stick	Spool
HSTDW3BK	3.2	≥ 3.2	0.30 +/- 0.08	≤ 1.0	0.95+/- 0.08	0.35+/- 0.08	1.2	200
HSTDW5BK	4.8	≥ 4.8	0.46 +/- 0.08	≤ 1.6	1.10+/- 0.08	0.40+/- 0.08	1.2	200
HSTDW7BK	6.4	≥ 6.4	0.50 +/- 0.08	≤ 2.2	1.20+/- 0.08	0.45+/- 0.08	1.2	200
HSTDW10BK1.2	9.5	≥ 9.5	0.55 +/- 0.08	≤ 3.2	1.45+/- 0.08	0.50+/- 0.08	1.2	-
HSTDW13BK1.2	12.7	≥ 12.7	0.68 +/- 0.08	≤ 4.2	1.70+/- 0.08	0.50+/- 0.08	1.2	-
HSTDW20BK1.2	19.1	≥ 19.1	0.76 +/- 0.10	≤ 6.3	2.00+/- 0.10	0.55+/- 0.10	1.2	-
HSTDW25BK1.2	25.4	≥ 25.4	0.78 +/- 0.10	≤ 8.5	2.10+/- 0.10	0.55+/- 0.10	1.2	-
HSTDW39BK1.2	39.0	≥ 39.0	0.85 +/- 0.10	≤ 13.5	2.40+/- 0.10	0.60+/- 0.10	1.2	-
HSTDW50BK1.2	50.0	≥ 50.0	0.95 +/- 0.10	≤ 17.0	2.70+/- 0.10	0.70+/- 0.10	1.2	-

HSTDW Heatshrink is available in black only and both 1.2m lengths or spools in 3mm, 5mm & 7mm diameter. For the complete Catalogue number of 3mm, 5mm & 7mm product please use the system below -

CATALOGUE # PREFIX + COLOUR CODE + LENGTH eg HSTDW5BK 1.2 = 5mm Black Thin Wall Heatshrink 1.2 length.

HSMDW Series - Medium Wall - Adhesive Lined

more flexible than heavy wall product

Treotham's environmentally friendly medium wall, adhesive lined tube is produced from co-extruded 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.

Characteristics :

- Seals & protects cable joints & terminations
- High resistance to impact and abrasion
- Thermoplastic adhesive lining guarantees complete environmental protection & insulation
- Operating Temperature - 45°C to 125°C
- Shrink Ratio nominal 3:1
- Shrink temperature - start at 70°C and shrunk totally at 125°C
- Inner layer glue melt temperature 70-90°C
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



6

Part No.	Size	As Supplied (mm)		After Recovery (mm)		
		ID	Max ID	Average WT	Adhesive Thickness	Length
HSMDW10/3	10.2	≥ 10.2	≤ 3.0	1.75+/- 0.25	0.35+/- 0.1	1
HSMDW19/6	19.1	≥ 19.1	≤ 5.6	2.45+/- 0.25	0.45+/- 0.1	1
HSMDW35/10	35.0	≥ 35.0	≤ 10.2	2.70+/- 0.25	0.50+/- 0.1	1
HSMDW43/13	43.2	≥ 43.2	≤ 12.7	2.70+/- 0.25	0.50+/- 0.1	1
HSMDW52/16	52.1	≥ 52.1	≤ 16.0	2.80+/- 0.30	0.50+/- 0.15	1
HSMDW95/29	95.0	≥ 95.0	≤ 29.0	3.70+/- 0.35	0.60+/- 0.20	1
HSMDW115/34	115.0	≥ 115.0	≤ 34.0	3.70+/- 0.35	0.60+/- 0.20	1

HSMDW Heatshrink is available in black only

HSHDW Series - Heavy Wall - Adhesive Lined

maximum reliability for insulating + protecting cable joints + terminals

Treotham's environmentally friendly heavy wall, adhesive lined tube is produced from 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.

Characteristics :

- Seals & protects electrical & communication cable joints & terminations
- High impact, abrasion, corrosion & chemical resistance
- Thermoplastic adhesive lining guarantees complete environmental protection & insulation
- Operating Temperature - 45°C to 125°C
- Shrink Ratio nominal 3:1
- Shrink temperature - start at 70°C and shrunk totally at 125°C
- Inner layer glue melt temperature 70-90°C
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



6

Part No.	Size	As Supplied (mm)		After Recovery (mm)		
		ID	Max ID	Average WT	Adhesive Thickness	Length
HSHDW9/3	9.0	≥ 9.0	≤ 3.0	2.3+/- 0.25	0.35+/- 0.10	1
HSHDW20/6	20.0	≥ 20.0	≤ 6.0	2.9+/- 0.25	0.40+/- 0.10	1
HSHDW33/10	33.0	≥ 33.0	≤ 10.2	3.6+/- 0.25	0.40+/- 0.10	1
HSHDW43/12	43.2	≥ 43.2	≤ 12.0	5.0+/- 0.35	0.70+/- 0.20	1
HSHDW51/16	51.0	≥ 51.0	≤ 16.0	5.0+/- 0.35	0.70+/- 0.20	1
HSHDW70/21	70.0	≥ 70.0	≤ 21.0	5.0+/- 0.35	0.70+/- 0.20	1

HSHDW Heatshrink is available in black only