

# SHW-1-HCB(2X)

**ULTRA THIN WALL, FLEXIBLE,  
HALOGEN FREE, POLYOLEFIN HEAT SHRINK TUBING**

## Characteristics

- Ultra Thin Wall
- Halogen Free
- Operating temperature -55°C to +125°C
- Minimum shrink temperature 70°C  
Full recovery temperature: 125°C
- Shrink Ratio 2:1
- RoHS Compliant  
Meets Sony-SS-00259
- Standard Colors: Black, red, blue, yellow, green, white (Other colors are also available on request)



## Applications

Typically used where rapid shrinking and space saving is important. Low shrink temperature further reduces installation time and risk of damage to temperature sensitive components. Halogen free formulation makes this a product that meets higher environmental standards.

## Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4 Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal Shrinkage	UL 224	+/-5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	≥7.3 Mpa ≥100%
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15 kV/mm
Volume Resistivity	ASTM D2671	≥1x10 <sup>14</sup> Ω·cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

## Product Dimensions (inch/mm)

size		As supplied(mm)	After Recovery(mm)		Standard Package (m/spool)
Inch	Metric(mm)		Internal diameter	Wall thickness	
1/16	1.6	1.4±0.2	0.65	0.20+/-0.10	200
3/32	2.4	2.4±0.2	1.00	0.22+/-0.10	200
1/8	3.2	3.4±0.2	1.50	0.28+/-0.10	200
3/16	4.8	4.9±0.2	2.30	0.30+/-0.10	100
1/4	6.4	6.5±0.2	3.00	0.32+/-0.10	100
5/16	7.9	8.5±0.3	4.00	0.32+/-0.10	100
3/8	9.5	9.5±0.3	4.50	0.35+/-0.10	100
1/2	12.7	12.5±0.3	6.00	0.40+/-0.10	100
5/8	15.9	16.5±0.4	8.00	0.40+/-0.10	100
3/4	19.0	18.5±0.4	9.0	0.42+/-0.10	100
1	25.4	25.5±0.5	12.5	0.45+/-0.10	50

## Product Code Table

Description.	Product Code
Heatsrink Thin Wall 2:1 Black 1.6mm 100m	HFTW13633
Heatsrink Thin Wall 2:1 Black 2.40mm 100m	HFTW13634
Heatsrink Thin Wall 2:1 Black 3.20mm 100m	HFTW13635
Heatsrink Thin Wall 2:1 Black 4.80mm 100m	HFTW13636
Heatsrink Thin Wall 2:1 Black 6.40mm 100m	HFTW13637
Heatsrink Thin Wall 2:1 Black 9.50mm 100m	HFTW13638
Heatsrink Thin Wall 2:1 Black 12.7mm 100m	HFTW13639
Heatsrink Thin Wall 2:1 Black 19mm 100m	HFTW13640
Heatsrink Thin Wall 2:1 Black 25.4mm 50m	HFTW13641
Heatsrink Thin Wall 2:1 Black 38.1mm 50m	HFTW13642
Heatsrink Thin Wall 2:1 Black 50.8mm 25m	HFTW13643
Heatsrink Thin Wall 2:1 Black 1.6mm 5m	HFTW13644
Heatsrink Thin Wall 2:1 Black 2.40mm 5m	HFTW13645
Heatsrink Thin Wall 2:1 Black 3.20mm 5m	HFTW13646
Heatsrink Thin Wall 2:1 Black 4.80mm 5m	HFTW13647
Heatsrink Thin Wall 2:1 Black 6.40mm 5m	HFTW13648
Heatsrink Thin Wall 2:1 Black 9.50mm 5m	HFTW13649
Heatsrink Thin Wall 2:1 Black 12.7mm 5m	HFTW13650
Heatsrink Thin Wall 2:1 Black 19mm 5m	HFTW13651
Heatsrink Thin Wall 2:1 Black 25.4mm 5m	HFTW13652
Heatsrink Thin Wall 2:1 Black 38.1mm 5m	HFTW13653
Heatsrink Thin Wall 2:1 Black 50.8mm 5m	HFTW13654
Heatsrink Thin Wall 2:1 Black 1.2mm 1.2m	HFTW13660

Heatshrink Thin Wall 2:1 Black 1.6mm 1.2m	HFTW13655
Heatshrink Thin Wall 2:1 Black 2.4mm 1.2m	HFTW13656
Heatshrink Thin Wall 2:1 Black 3.20mm 1.2m	HFTW13657
Heatshrink Thin Wall 2:1 Black 4.80mm 1.2m	HFTW13658
Heatshrink Thin Wall 2:1 Black 6.40mm 1.2m	HFTW13659