

Adhesive Lined Precut Heat Shrink Tubing

1 1/2" Precut Dual Wall and Heavy Wall Adhesive Lined Heat Shrink provides a quality finish and adds longevity and durability to cables. Seals out corrosive water and dirt, and provides mechanical protection, insulation, and strain relief for electrical connections and components. Ideal for many applications including automotive and marine wire harness bundles, industrial splices, and connector to cable transitions.

- High 3 to 1 shrink ratio
- Dual Wall tubing shrinks at 110°C (230°F)
- Heavy Wall tubing shrinks at 120°C (248°F)
- Black and Red
- RoHS Compliant
- Halogen Free
- UL 224, SAE, REACH
- Dual Wall is VW1 flame retardant
- Impact, abrasion, corrosion, and chemical resistant
- Adhesive liner bonds to a variety of materials including plastics, rubbers, and metals



**1/2, 3/4, 1 and 1 1/2 inch diameter
1 1/2 inch precut lengths**



-55°C TO 110°C



3 to 1 shrink ratio is ideal for sealing battery cable ends against corrosion



Dual Wall Precut Adhesive Heat Shrink

Part Number BLACK	Part Number RED	Diameter	Length	Wire Sizes
HS-0500-BK-1.5	HS-0500-RD-1.5	1/2"	1 1/2"	8 – 1 AWG
HSBLK	HSRED	3/4"	1 1/2"	8 – 1 AWG
HSBLK-1	HSRED-1	1"	1 1/2"	1/0 – 4/0 AWG
HSBLK-1.5	HSRED-1.5	1 1/2"	1 1/2"	1/0 – 4/0 AWG

Heavy Wall Precut Adhesive Heat Shrink

Part Number BLACK	Part Number RED	Diameter	Length	Wire Sizes
HSBLKHD	HSREDHD	3/4"	1 1/2"	8 – 1 AWG
HSBLKHD-1	HSREDHD-1	1"	1 1/2"	1/0 – 4/0 AWG
HSBLKHD-1.5	HSREDHD-1.5	1 1/2"	1 1/2"	1/0 – 4/0 AWG



Heavy Wall Heat Shrink Tubing

Heavy wall adhesive lined heat shrink tubing is impact, abrasion, corrosion, and chemical resistant. Provides mechanical protection, insulation and strain relief for electrical connections and components.

Features

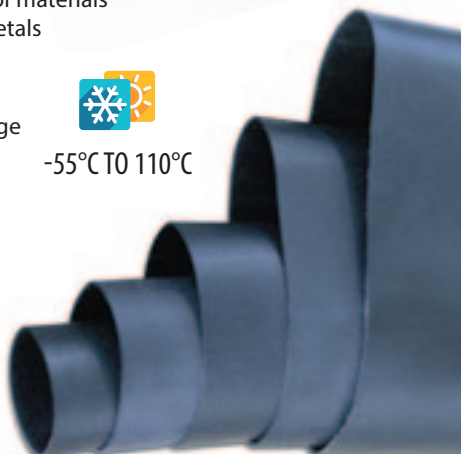
- Adhesive lined crosslinked polyolefin
- Seals out water and dirt
- High 3 to 1 shrink ratio
- 120°C (248°F) shrink temperature
- Halogen free
- SAE, REACH, RoHS compliant
- 4-foot lengths*

Applications

- Ideal for insulation of electrical splices, cable terminations, and electrical connections
- Adhesive liner bonds to a variety of materials including plastics, rubbers, and metals
- Seals and protects components from moisture and corrosion
- 3:1 shrink ratio covers a broad range of applications in fewer sizes
- Rated for applications up to 1Kv
- Suitable for direct burial

Approvals and Compliance

- RoHS Compliant
- SAE
- REACH
- Industrial, electric, and automotive OEM approvals



-55°C TO 110°C

Technical Data

PROPERTY	TYPICAL VALUE
Shrink Ratio	>3 to 1
Operating Temperature	-55°C ~ 125°C
Tensile Strength	14.5 MPa
Ultimate Elongation	≥450%
Tensile Strength After Aging	13.5 MPa
Ultimate Elongation After Aging	400%
Concentricity	70
Longitudinal Shrinkage	5
Dielectric Strength	≥21kV/mm
Cracking Resistance	No Cracking
ADHESIVE	
Water Absorptivity	0.15%
Softening Point	85°C
Peel Strength	8N/25mm
Copper Stability	Pass
Antibacterial Property	Pass

Sizes for Arctic Ultraflex Blue® Wire

Arctic Ultraflex Wire Gauge	Arctic Ultraflex Outside Diameter	Recommended HD Shrink Size
18 AWG	0.105"	1/3"
16 AWG	0.118"	1/3"
14 AWG	0.130"	1/3"
12 AWG	0.150"	1/3"
10 AWG	0.180"	1/3"
8 AWG	0.240"	1/2"
6 AWG	0.310"	3/4"
4 AWG	0.360"	3/4"
2 AWG	0.430"	3/4"
1 AWG	0.495"	3/4"
1/0 AWG	0.550"	3/4"
2/0 AWG	0.600"	1"
3/0 AWG	0.650"	1"
4/0 AWG	0.710"	1 1/2"
250 MCM	0.875"	1 1/2"
350 MCM	1.010"	2"
500 MCM	1.220"	2"

48" Heavy Wall Adhesive Lined Crosslinked Polyolefin Heat Shrink*

Heavy Wall Shrink Size	Part Number BLACK	Part Number RED	Expanded Min. Internal Diameter (D)		Recovered Max. Internal Diameter (d)		Recovered Nominal Wall Thickness (w)	
			IN.	MM	IN.	MM	IN.	MM
1/3"	HSKD-0350-BK	HSKD-0350-RD	0.35	9.0	0.12	3.0	0.08	2.0
1/2"	HSKD-0500-BK	HSKD-0500-RD	0.51	13.0	0.16	4.0	0.09	2.4
3/4"	HSKD-0750-BK	HSKD-0750-RD	0.75	19.0	0.20	5.0	0.10	2.5
1"	HSKD-1100-BK	HSKD-1100-RD	1.30	33.0	0.31	8.0	0.13	3.2
1 1/2"	HSKD-1500-BK	HSKD-1500-RD	1.57	40.0	0.47	12.0	0.16	4.0
2"	HSKD-2000-BK	-	2.17	55.0	0.63	16.0	0.16	4.0
2 3/4"	HSKD-2700-BK	-	2.95	75.0	0.87	22.0	0.16	4.0
3 1/2"	HSKD-3500-BK	-	3.74	95.0	1.18	30.0	0.17	4.2
4 1/2"	HSKD-4700-BK	-	4.53	115.0	1.34	34.0	0.17	4.2



Ordering Guidelines

Our 3:1 ratio shrink is ideal for covering both regular and irregular shapes. For the best balance of recovered wall thickness and adhesive sealant performance, choose a size with an expanded diameter (D) that is about twice the largest diameter of the part to be covered.

***To significantly reduce shipping cost, 48" heavy wall shrink is shipped cut to 12" lengths**