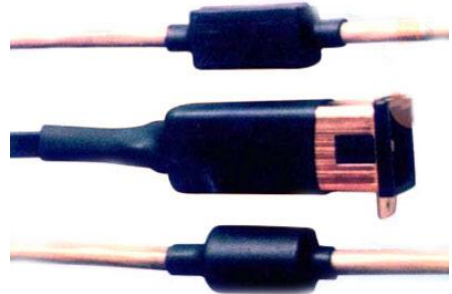


HUS-R Military Adhesive-lined Dual Wall Heat Shrinkable Tube

Description

HUS-R Military grade Adhesive-lined Dual Wall Heat Shrinkable Tube is irradiation cross-linked polyolefin PE tube that is extruded with an inner layer of EVA hot melt adhesive, the outer player of polyolefin is insulated and flame-resistant material.

It's made in accordance with military standard. And it's widely used in all kinds of wire harness, marine wire, cable and metal pipe where need sealing, waterproof, dampproof and anti-corrosion.



Feature & benefit

- 1, Meet the military standard ASM-DTL-23053/4
- 2, Flame-resistant inner layer, anti-UV
- 3, Heat shrink ratio: 3:1, 4:1
- 4, Waterproof, Damp-proof, anti-corrosion, prevent gas leakage

Operating indexes:

- 1, First shrink temp.: 70°C
- 2, Final shrink temp.: 125°C
- 3, Working temp.: -45°C~135°C

Up to standard: Approvals

Meet military standard ASM-DTL-23053/4, UL224, 600V

Technical Data

Product Properties	Test Method	Test Date
Longitudinal shrinkage	ASTM D 2671	-8%~+8%
Tensile strength	ASTM D 2671	≥10.5MPa
Elongation at break	ASTM D 2671	≥300%
Tensile strength after aging	175°C, 168hrs	≥8.5MPa
Elongation after aging		≥100%
Heat shock	ASTM D 2671 250°C, 4hrs	PASS
Cold bend (-30°C, 1hrs)	ASTM D 2671 -45°C, 4 hrs	No break
Breakdown strength	IEC 60243	≥15KV/mm
Corrosion	ASTM D 2671	Pass
Flammability	AMS-DTL-2305/5	Self-extinguish in 30 seconds
Volume resistance	IEC 60093	≥1014Ω.cm(min.)
Hot melt glue technology index		
water absorption	95 ± 5°C	ASTM E 28
Softening point	< 0.5%	ASTM D 570
peel strength (PE)	≥120N/25mm	ASTM D 1000
peel strength (AI)	≥80N/25mm	ASTM D 1000

Dimension

Nominal Size		As supplied (mm)	After recovered (mm)			Standard Packing (M/Roll)
(mm)	(inch)	D (min) Inside diameter	d (min) Inside diameter	Wall Total thickness WT:	t. Adhesive thickness	
HUS-R-3X						
φ 3.2	1/8	≥3.2	≤1.00	0.95 ± 0.15	0.35 ± 0.10	200
φ 4.8	3/16	≥4.8	≤1.60	1.10 ± 0.15	0.40 ± 0.10	100
φ 6.4	1/4	≥6.4	≤2.20	1.20 ± 0.15	0.45 ± 0.12	100
φ 7.9	5/16	≥7.9	≤2.70	1.30 ± 0.15	0.50 ± 0.12	100
φ 9.5	3/8	≥9.5	≤3.20	1.40 ± 0.15	0.50 ± 0.12	50
φ 12.7	1/2	≥12.7	≤4.20	1.70 ± 0.15	0.50 ± 0.12	1.22
φ 15.0	5/8	≥15.0	≤5.20	1.80 ± 0.15	0.55 ± 0.15	1.22
φ 19.1	3/4	≥19.1	≤6.30	1.95 ± 0.15	0.55 ± 0.15	1.22
φ 25.4	1	≥25.4	≤8.50	2.05 ± 0.20	0.55 ± 0.15	1.22
φ 30.0	1-1/4	≥30.0	≤10.20	2.20 ± 0.20	0.60 ± 0.15	1.22
φ 39.0	1-1/2	≥39.0	≤13.50	2.50 ± 0.20	0.60 ± 0.15	1.22
φ 50.0	2	≥50.0	≤17.00	2.80 ± 0.25	0.70 ± 0.15	1.22
HUS-R-4X						
φ 4.0	2/13	≥4.0	≤1.0	1.05 ± 0.30	0.50 ± 0.20	200
φ 6.0	1/4	≥6.0	≤1.5	1.15 ± 0.30	0.50 ± 0.20	100
φ 8.0	5/16	≥8.0	≤2.0	1.55 ± 0.30	0.60 ± 0.25	100
φ 12.0	1/2	≥12.0	≤3.0	1.75 ± 0.30	0.60 ± 0.25	1.22
φ 16.0	5/8	≥16.0	≤4.0	2.00 ± 0.35	0.70 ± 0.30	1.22
φ 20.0	15/19	≥20.0	≤5.0	2.30 ± 0.40	0.70 ± 0.30	1.22
φ 24.0	1	≥24.0	≤6.0	2.60 ± 0.40	0.75 ± 0.30	1.22
φ 32.0	1-1/4	≥32.0	≤8.0	3.00 ± 0.50	0.90 ± 0.30	1.22
φ 52.0	2	≥52.0	≤13.0	3.35 ± 0.50	0.95 ± 0.30	1.22

Standard color is black, other international colors can be customized
Pointed size available.

