



S3(nh30) Flexible Heavy Wall Halogen Free Heat Shrink Tube for EPR Cable Protect

Features

- Heavy wall cross-linked polyolefin
- Thermal melt adhesive liner
- Halogen free, RoHS compliant
- Operating temperature: -55~105 °C
- Shrink temperature: 105 °C
- Shrink ratio: 3:1

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥400%
Aging (158°C/168hrs)	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥350%
	Water absorption (23°C/336hrs)	ASTM D570	≤0.5%
	Density	ASTM D2671	1.15~1.25
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow (outer layer only)
	Hardness(Shore D)	ASTM D2671	≤35 HD
	Adhesive softening point	ASTM E28	≥85°C
	Adhesive peel strength to XLPE	ASTM D2671	110 N/25cm
	Adhesive peel strength to steel	ASTM D2671	80 N/25cm
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥15 kV/mm
Chemical	Copper corrosion	ASTM D2671	No corrosion

Typical application

- Ideal for repairs and protection of insulating layer of EPR flexible cable

Ordering

- Standard color : Black
- Standard product is adhesive lined, tubes without adhesive are available on request.
- Standard packaging is 1.22m/pc
- Please provide specification, quantity when ordering

Dimensions

Shrink ratio 3:1

Reference S3(nh30)	As supplied(mm) ID min.	After recovered(mm) ID max.	WT nom.	Standard length m
9/3	9	3	2.6	1.22
12/4	12	4	2.8	1.22
16/5	16	5	3.0	1.22
19/6	19	6	3.0	1.22
22/6	22	6	3.25	1.22
25/8	25	8	3.25	1.22
28/6	28	6	3.25	1.22
33/8	33	8	3.25	1.22
35/12	35	12	3.95	1.22
40/12	40	12	3.95	1.22
45/13	45	13	3.95	1.22
55/16	55	16	4.05	1.22
65/19	65	19	4.05	1.22
75/22	75	22	4.05	1.22
85/25	85	25	4.05	1.22
95/25	95	25	4.05	1.22
105/30	105	30	4.05	1.22
115/34	115	34	4.05	1.22
130/36	130	36	4.05	1.22
140/42	140	42	4.05	1.22
160/50	160	50	4.05	1.22
175/58	175	58	4.05	1.22
200/65	200	65	4.05	1.22
230/75	230	75	4.05	1.22
260/85	260	85	4.05	1.22

● ID=Internal Diameter

● WT= Wall Thickness



<http://www.Union-Polymer.com>
 Phone: (513) 899 1618
 Email: Info@Union-Polymer.com