

HS-101-SR

Semi-Rigid Polyolefin Heat Shrink



Uses & Features

Ideal for insulation and splicing of wire harnesses and terminals

Added rigidity provides strain relief in wire harness applications

Provides improved abrasion resistance over standard Polyolefin Heat Shrink

Added rigidity eases installation over stiff substrates

Strong resistance to moisture and common chemicals

Halogen free

Lead free and RoHS compliant

Standard sizes available

Custom colors quoted on request

Technical Data

Shrink ratio: 2:1

Recommended Shrink Temperature: 110°C – 135°C

Operating Temperature: -55°C – 135°C

Longitudinal Change: +/- 5%

Shelf Life: 5 Years

Recommended Storage: 10 – 27 °C

Standard Colors: Black

Standard Packaging: Spooled

Certifications

UL 224 VW-1, 125° C, 600 V

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HEAT SHRINK

Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cc	1.35
	Tensile Strength	psi	1800
	Ultimate Elongation	%	200
Electrical	Volume Resistivity	Ω -cm	3.7×10^{14}
	Dielectric Strength	V	19kV
Thermal	Flammability	n/a	VW-1
	Cold Bend	n/a	Pass

Standard Sizes

Size	Expanded I.D. Minimum		Recovered I.D. Maximum		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools	
	in.	mm	in.	mm	in.	mm	ft. / Spool	Total ft. / Box
3/32	.093	2.36	.046	1.17	.020	0.51	500'	1,500'
1/8	.125	3.18	.062	1.57	.020	0.51	500'	1,500'
3/16	.187	4.75	.093	2.36	.020	0.51	250'	750'
1/4	.250	6.35	.125	3.18	.025	0.64	200'	600'
3/8	.375	9.53	.187	4.75	.025	0.64	200'	600'
1/2	.500	12.70	.250	6.35	.025	0.64	200'	600'
3/4	.750	19.05	.375	9.53	.030	0.76	200'	600'
1	1.000	25.40	.500	12.70	.035	0.89	100'	300'

All information presented is believed to be reliable and is offered only as a guide to product selection. As each application is unique, PEXCO can make no warranties as to the suitability of any products for a particular use. Specifications are subject to change.