



HS-205

Cross-Linked PVC Heat Shrinkable Tubing



Uses and Features

Ideal for insulation and strain relief for wire harnesses, splices and terminals

Engineered for total compatibility with cross-linked PVC jacketed wire and cable

Improved solder iron cut-through and abrasion resistance compared to standard PVC

Ability to cover sharp corners without wrinkling

Resistant to most common chemicals and oils

30% stronger than Polyolefin

Excellent UV stability

Flame retardant

Highly flexible

Technical Data

Shrink ratio: 2:1

Recommended Shrink Temperature: 100°C

Operating Temperature Range: -20°C to 105°C

Longitudinal Change: +/- 15%

Shelf Life: 3 years

Recommend Storage: <21°C

Standard Colors: Black

Standard Packaging: Spooled

Certifications

UL 224 VW-1, 125°C, 600 V

CSA OFT rated for 600 V

ASTM D 3150

SAE AS23053/2 Class 1 (with the exception of Longitudinal Change)

Cross-Linked PVC Heat Shrinkable Tubing



Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cc	1.32
	Tensile Strength	psi	3000
	Min. Ultimate Elongation	%	300
Electrical	Volume Resistivity	ohm-cm	21.5×10^{12}
	Dielectric Strength	v/mil	1,083
Thermal	Flamability	N/A	VW-1

Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools	
	in.	mm	in.	mm	in.	mm	ft. / Spool	Total ft. / Box
3/64	.046	1.17	.023	0.58	.020	0.51	*1,000'	2,000'
1/16	.063	1.60	.032	0.82	.020	0.51	*1,000'	2,000'
3/32	.093	2.36	.046	1.17	.025	0.64	*1,000'	2,000'
1/8	.125	3.18	.063	1.60	.025	0.64	*1,000'	2,000'
3/16	.187	4.75	.093	2.36	.025	0.64	*1,000'	2,000'
1/4	.250	6.35	.125	3.18	.025	0.64	*1,000'	2,000'
3/8	.375	9.53	.187	4.75	.028	0.71	*500'	1,000'
1/2	.500	12.70	.250	6.35	.028	0.71	*250'	500'
3/4	.750	19.05	.375	9.53	.033	0.84	250'	500'
1	1.000	25.40	.500	12.70	.038	0.97	250'	500'
1 1/2	1.500	38.10	.750	19.05	.043	1.09	100'	200'
2	2.000	50.80	1.000	25.40	.048	1.22	100'	200'

*Pressurized Spools

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