



## HEAT SHRINK

## HS-105

## PVC Heat Shrinkable Tubing



## Uses and Features

Ideal for applications requiring smooth, tight fitting, aesthetic coverings

Provides long lasting protection – indoors and outdoors – from UV light, moisture, dirt, abrasion, and most common chemicals and cleaners

Ability to cover sharp corners and irregular shapes without wrinkling

Offered in a variety of vibrant colors that will not fade

Also available in "crystal clear" to offer see-through protection that will not become yellow or cloudy over time

Highly flame retardant

## Technical Data

Shrink ratio: 2:1

Recommended Shrink Temperature: 100°C

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

Longitudinal Change: +/-15%

Shelf Life: 1 year

Recommend Storage: <21°C

Standard Colors: Clear, White, Black, Orange, Blue, Red, Green, Yellow

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 2

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## 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	$21.5 \times 10^{12}$
	Dielectric Strength	v/mil	1,083
Thermal	Flamability	N/A	VW-1

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
3/64	.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'
5/16	.313	7.94	.157	3.99	.028	0.71	*500'	1,000'
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'
1/2	.500	12.70	.250	6.35	.028	0.71	500'	1,000
5/8	.625	15.88	.313	7.94	.033	0.84	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'
11/16	1.250	31.75	.625	15.88	.041	1.04	250'	500'
11/2	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'
2 1/2	2.500	63.50	1.250	31.75	.058	1.47	100'	200'
3	3.000	76.20	1.500	38.10	.068	1.73	50'	100'
4	4.000	101.60	2.000	50.80	.073	1.85	50'	100'

\*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.