

INSULTAB

A Pexco Company



PVC HEAT SHRINKABLE TUBING

HS-105

FEATURES

- 2:1 shrink ratio
- Low shrink temperature
- All colors, including clear, are highly flame retardant
- Engineered for total compatibility with PVC jacketed wire and cable
- Resists many chemicals and oils,* chlorine, moisture, salt water and fungus
- Proprietary stabilizers provide outstanding resistance to UV light
- 'Clear' is crystal clear, colors are vivid
- High gloss, matte, metallic, neon, pearlescent "designer" colors and custom color formulations are available
- Highly engineered formulation provides superior strength - 30% stronger than polyolefin
- Available in standard sizes - up to extra large 4" diameters
- Meets RoHS, UL, CSA and Military specifications

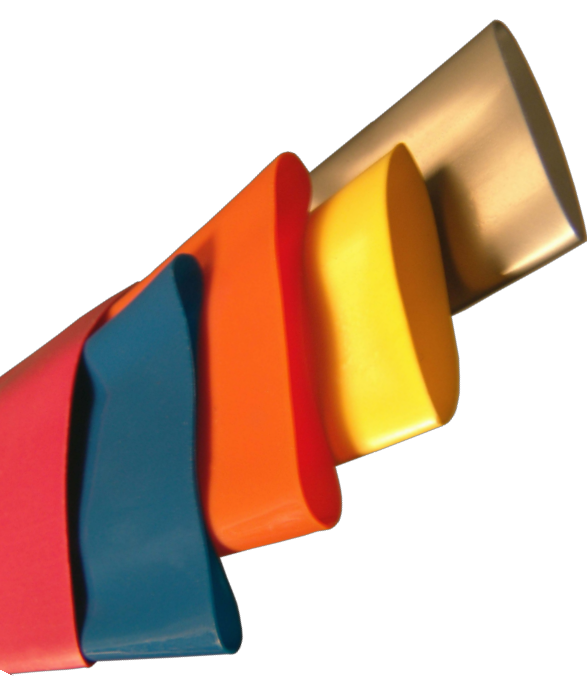
* Including chlorinated cleaners, lubricating grease, penetrating oils, electrical insulation oils, and others.

USES

- Applications requiring smooth, tight-fitting, aesthetic coverings, especially for products with irregular shapes
- Protecting products - outdoors and indoors - from UV light, fading, harsh chemicals, chlorinated cleansers, moisture, salt water, fungus, dirt, abrasion and splintering
- Providing "crystal clear" see-through protection that will not become cloudy, yellow or crack over time
- The preferred choice for use with PVC wire and cable
- Insulation and strain relief of wire harnesses, terminals and wire splices
- Applications requiring outstanding dielectric and mechanical protection without damage to enclosed, underlying or adjacent components

SPECIFICATIONS

- Lead free and RoHS compliant
- UL 224 VW-1
- CSA OFT rated for 600 V
- ASTM D 3150
- SAE-AMS-DTL-23053/2 Class 2





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TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 100°C (212°F)
- Operating Temperature Range: -20°C to 105°C
- Longitudinal Shrinkage: Approximately 15%
- Physical / Electrical Properties:
 - Specific Gravity: 1.32
 - Tensile Strength: 3000 psi
 - Ultimate Elongation: 300%
 - Flammability: UL 224 VW-1
 - Brittleness Temperature: -28°C
 - Volume Resistivity: 21.5 X 10¹²
 - Dielectric Strength: 1,083 vpm
 - Storage: Heat sensitive. Store at 70°F or below.

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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'
1 1/4	1.250	31.75	.625	15.88	.041	1.04	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'
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

- Standard Colors: Black, White, Red, Blue, Yellow, Clear

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.