



HEAVY WALL PVC HEAT SHRINKABLE TUBING

HS-105 X .032

FEATURES

- 2:1 shrink ratio
- Low shrink temperature
- Highly flame retardant
- Resists many chemicals and oils,* sunlight, moisture and fungus
- 30% stronger than polyolefin
- Custom automotive and architectural grade products
- Meets UL, CSA and Military specifications

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



USES

- Applications requiring a heavier wall to provide additional support for splices and terminations
- Applications requiring an extra level of abrasion and impact resistance
- Applications requiring smooth, tight-fitting, aesthetic coverings for products with irregular shapes
- Protecting products - outdoors and indoors - from UV light, fading, harsh chemicals, chlorinated cleansers, moisture, fungus, dirt and abrasion
- Applications 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 or adjacent components

SPECIFICATIONS

- UL Subject 224 VW-1
- CSA OFT rated for 600 V



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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 Subject 224 VW-1
 - Brittleness Temperature: -28°C
 - Volume Resistivity: 21.5×10^{12}
 - 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
1 / 16	.063	1.60	.032	0.82	.032	0.81	* 1,000'	2,000'
3 / 32	.093	2.36	.046	1.17	.032	0.81	* 1,000'	2,000'
1 / 8	.125	3.18	.063	1.60	.032	0.81	* 1,000'	2,000'
3 / 16	.187	4.75	.093	2.36	.032	0.81	* 1,000'	2,000'
1 / 4	.250	6.35	.125	3.18	.032	0.81	* 1,000'	2,000'
5 / 16	.313	7.94	.157	3.99	.032	0.81	* 500'	1,000'
3 / 8	.375	9.53	.187	4.75	.032	0.81	* 500'	1,000'
1 / 2	.500	12.70	.250	6.35	.032	0.81	* 250'	500'

* Pressurized Spools

- Standard Color: Black