



## CROSS-LINKED PVC **HEAT SHRINKABLE** TUBING

# HS-205 PVC<sup>PLUS</sup><sup>TM</sup>

### FEATURES

- 2:1 shrink ratio
- Engineered for total compatibility with cross-linked PVC jacketed wire and cable
- Improved solder iron cut-through and abrasion resistance
- Longer and less heat-sensitive shelf life
- 30% stronger than polyolefin
- Highly flame retardant
- Resists many chemicals and oils\*
- Resists sunlight, moisture and fungus
- Highly flexible
- Meets UL, CSA and Military specifications

### USES

- Applications with cross-linked PVC wire and cable
- Insulation and strain relief of wire harnesses, wire splices, and terminals
- Soldering applications - tubing won't shrink back or melt
- Applications that require ripple-free conformance around sharp bends
- Applications requiring outstanding dielectric and mechanical protection without damage to enclosed or adjacent components
- Protecting products - outdoors and indoors - from UV light, fading, harsh chemicals, chlorinated cleansers, moisture, fungus, dirt and abrasion

### SPECIFICATIONS

- UL 224 VW-1
- CSA OFT rated for 600 V
- ASTM D 3150
- SAE-AMS-DTL-23053/2 Class 1  
(With the exception of longitudinal shrinkage)

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



## CROSS-LINKED PVC HEAT SHRINKABLE TUBING

### HS-205 PVC<sup>PLUS</sup>™

#### 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
  - Volume Resistivity: 21.5 X 10<sup>12</sup>
  - Dielectric Strength: 1,083 vpm

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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'
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

- Standard Color: Black

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.