



HS-105 PVC HEAT SHRINKABLE TUBING

THE RIGHT CHOICE WHEN THE OPERATING TEMPERATURE RANGE IS -20°C to 105°C

Insultab's PVC heat shrink tubing has a low shrink temperature and superior strength. Both our thin wall heat shrink tubing and medium wall heat shrink tubing have been engineered for total compatibility with PVC jacketed wire and cable to insulate, identify, bundle, protect, repair and beautify in electronic, electrical and mechanical applications. Insultab's crystal clear heat shrink tubing and all assorted heat shrink tubing colors are UL-VW-1 flame retardant, with outstanding chemical and UV resistance. UV protective additives makes PVC tubing ideal for outdoor applications.

SUPERIOR MATERIALS AND PRODUCT DESIGN

- Highly engineered products made from premium grade 100% virgin materials - no re-processed materials are used
- Specifically designed to match all operating characteristics of PVC jacketed wire and cable
- Proprietary formulations and processing provide longer product shelf life
- Unique formulations for rugged, long-lasting, UV resistant outdoor applications
- On-line cutting, right off the expanders guarantee perfectly straight pieces with no curvature
- **Only Insultab manufactures a wide range of diameter sizes - from 3/64" up to 5"**

CUSTOM DESIGNED PRODUCTS

- Custom shrink ratios, inside diameters, wall thicknesses, color matching
- State-of-the-art printing: logos, company names, instructions, flow directions, part numbers, sizes, labels, warnings, Military Specs, etc.

PVC vs. POLYOLEFIN

PERFORMANCE

- PVC shrinks faster and at a lower temperature resulting in quicker processing time and a lower risk of damaging heat sensitive substrates

Material	Operating Temperature Range
PVC	-20°C to 105°C
Polyolefin	-55°C to 135°C
Multi-Wall PVC	-20°C to 105°C
Multi-Wall Polyolefin	-55°C to 110°C

PHYSICAL STRENGTH

- Insultab's PVC is rated at 3,000 psi - 30% stronger than Polyolefin
- PVC has greater abrasion resistance and Cross-linked PVC has even more abrasion resistance than Polyolefin

INSULATING CAPABILITY

- Insultab's PVC has a dielectric strength of 1,083 - approximately twice the dielectric strength of Polyolefin

CLARITY

- Insultab's "crystal clear" PVC is transparent allowing for immediate inspection of the underlying material - Polyolefin is "milky"

CHEMICAL RESISTANCE

- PVC resists many oils, fuels, chemicals, grease, chlorinated cleansers, salt water

OUTDOOR APPLICATIONS

- PVC is rugged, resists moisture and salt water, is highly UV resistant and will not fade, crack or degrade outside – Polyolefin is NOT
- Only adhesive-lined PVC heat shrinkable tubing provides a waterproof, UV resistant seal in outdoor applications

FLAME RETARDANCY FOR 'CLEAR' HEAT SHRINK

- Clear PVC is flame retardant and meets UL VW-1, CSA and Military specifications - Clear Polyolefin is NOT

APPEARANCE

- Insultab's PVC comes in bright, high gloss, matte, metallic, translucent and custom colors that are always consistent, from lot to lot