CB-HFT-600

HEAT SHRINK

HIGH-PERFORMANCE HEAT SHRINK FOR INDUSTRIAL APPLICATIONS

SHRINK | SEAL | PROTECT.

Key Features

- 2:1 controlled shrink ratio for easy installation
- Cross-linked polyolefin – stable, thermoset-like performance
- Uniform radial shrinkage and smooth professional finish
- High dielectric strength for electrical insulation
- Flame-retardant Black grade (UL 224 VW-1 / F-Mark equivalent)
- Recovered wall thickness up to 1.25 mm
- Halogen-free, low-smoke formulation
- Excellent resistance to abrasion, impact, oils, and moisture
- Colour-coded range for phase and circuit identification
- Flexible pre-shrink; firm and secure post-shrink
- Compatible with heat guns and automated heat-shrink machinery

Applications

- Copper busbar insulation in switchboards and MCCs
- Cable termination protection (lugs, splices, connectors)
- Phase and circuit colour identification
- Harness and wiring loom protection
- Strain relief on cables and terminations
- Transformer and power-supply lead insulation
- Battery wiring and energy-storage assemblies
- Automotive and heavy-vehicle electrical systems
- Rail, transport, and rolling-stock wiring
- Industrial machinery and OEM control panels
- Marine and offshore electrical installations
- Renewable energy systems (inverters, battery packs)
- Protection for exposed or high-vibration wiring
- General-purpose bundling, shielding, and sleeving

Product Details

Property	Value
Material	Cross-linked polyolefin
Shrink Ratio	2:1
Standard Colour	Black, Red, Blue, Yellow/Green, White
Supply Options	Standard lengths, cut-to-length, bulk cartons, and OEM machine-feed coils
Installation Method	Hot-air gun or automated heat-shrink tunnel (no open flame)

CB-HFT-600 is a high-performance 2:1 cross-linked polyolefin heat shrink tubing designed for reliable electrical insulation, mechanical protection, and colour identification in industrial and commercial electrical systems.

It delivers uniform radial shrinkage, a smooth finish, and long-term durability across switchboards, power distribution equipment, machinery, transport, and OEM assemblies.

MISCO Australia offers in-house CNC machining to tailor sheets to your specifications:

- Accepted file formats: DXF, DWG, PDF
- Physical sample reverse engineering available
- Cut, drilled, slotted, profiled, and deburred parts.
- Batch or one-off production available on request.

- Switchboard Builders
- Transformer Manufacturing
- Power Generation
- Rail Infrastructure
- Renewable Energy
- Energy
- Industrial Machinery
- Defence
- Manufacturing
- Oil and Gas
- Automotive & Aerospace
- Electrical and Electronics

MISCO AUSTRALIA
ABN: 30 679 048 054
P: (03) 9706 5185 E: info@misco.net.au
89 - 91 Licola Crescent, Dandenong South VIC 3175
www.misco.net.au