

# NELSON™

## ACCESSORIES FOR FIELD FABRICATED HEATER CABLES

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General Accessories for use with Type LT, HLT, CLT Self-Regulating and NC Constant Wattage Field-Fabricated Heater Cables.

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### Molded Silicone Terminations:

#### **LT-MP**

Molded Silicone Power End Termination Kit with Adhesive. Used for terminating field-fabricated heater cables inside the power connection box. Each kit makes 5 complete terminations.

#### **LT-ME**

Molded Silicone End Seal Termination Kit with Adhesive. Used for terminating the ends of field-fabricated heater cables. Each kit makes 5 complete terminations.

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### Heat Shrinkable Terminations:

#### **LT-SP (Type LT/CLT)**

#### **LT-HSP (Type HLT)**

#### **LT-NSP (Type NC)**

Heat-Shrinkable Power End Termination Kit. Used for terminating field-fabricated heater cables inside the power connection box. Approved for use with Braided (-CB, -SS) product, in ordinary areas. (Exception: LT-SP kits may also be used with Overjacketed (-JT) product.) Each kit makes 5 complete terminations.

#### **LT-SE (Type LT/CLT)**

#### **LT-HSE (Type HLT)**

#### **LT-NSE (Type NC)**

Heat-Shrinkable End Seal Termination Kit. Used for terminating the ends of field-fabricated heater cables. Approved for use with Braided (-CB, -SS) product, in ordinary areas. (Exception: LT-SE kits may also be used with Overjacketed (-JT) product.) Each kit makes 5 complete terminations.

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### Heat Shrinkable Splices:

#### **LT-SS (Type LT/CLT)**

#### **LT-HSS (Type HLT)**

#### **LT-NSS (Type NC)**

Heat-Shrinkable In-Line Splice Connection Kit. Used for splicing 2 cables under the insulation. Approved for use with Braided (-CB, -SS) product, in ordinary areas. (Exception: LT-SS kits may also be used with Overjacketed (-JT) product.) Each kit makes 5 complete assemblies.

#### **LT-ST (Type LT/CLT)**

#### **LT-HST (Type HLT)**

#### **LT-NST (Type NC)**

Heat-Shrinkable Tee-Splice Connection Kit. Used for splicing 3 cables under the insulation. Approved for use with Braided (-CB, -SS) product, in ordinary areas. (Exception: LT-ST kits may also be used with Overjacketed (-JT) product.) Each kit makes 5 complete assemblies.

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### Pipe and Tank Adapters:

#### **LT-P**

Pipe Adapter Kit. Used to mount the base of connection kits on small diameter (0.5" O.D. and below) pipe or tubing.

#### **LT-T**

Tank Adapter Kit. Used to mount the base of PLT-B, LT-B connection kits directly to the wall of a tank or vessel.

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### End of Circuit Lights:

**PLK-120**  
**PLK-277**

**PLK-208**

**PLK-240**

**LB6R**

End of Circuit Light Assembly. Used with Nelson PLT-BC power connection kits to provide an end of circuit indication for any field fabricated cables.

Spare Replacement Bulb. For PLK series light assemblies

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### Conduit Entry Seals:

**ES-B (Braided Heater)**  
**ES-J (Overjacketed Heater)**  
**ES-U (Multiple (2) Cable Entry or Special Constructions)**

Waterproof Conduit Entry Seal, 0.5" NPT. Used for terminating field-fabricated heater cables when standard connection kits are not utilized.

### Pipe Clamps:

**PC-03 (3.0" Diameter and below)**  
**PC-12 (3.5" - 12.0" Diameter)**  
**PC-20 (12.5" - 20.0" Diameter)**

Pipe Clamps, stainless steel. Used to attach connection kits to pipe.

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### Terminal Blocks:

**TB-1 (3-Point)**  
**TB-4 (4-Point)**

Floating Terminal Block. Used in any enclosure to provide positive, sure electrical connections. Rated 40 amps @ 440 VAC, requires no lugs.

### Universal Grommets:

**LT-U (LT-B Kits)**  
**PLT-U (PLT-B Kits)**

Universal Grommets with Adhesive. Used with Nelson LT-B and PLT-B kits for multiple (2) cable entry or special heater constructions.

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### Junction Box:

**JB552**

Non-Metallic Junction Box, 5" x 5" x 2", NEMA 4X. Used for terminating field-fabricated heating cables.

### Warning Sign:

**WS-100**

Weatherproof Warning Sign. Used for cautioning maintenance personnel of the presence of electric heat tracing cable under the insulation. Attached to the outside of pipe insulation in frequent intervals. Black Lettering with Yellow background.

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### Tape:

**GT-60 (60 Yards)**  
**GT-6 (20 Yards)**

Fiberglass Tape, 0.5" wide. Used to attach heater cables to pipe or to attach temperature sensors to the pipe when corrosive conditions prevent the use of aluminum tape.

**AT-50 (50 Yards)**

Aluminum Foil Tape, 2.0" wide. Used to attach heater cable to vessels to dissipate heat on non-metallic surfaces or to attach thermostat sensing bulbs to pipes.

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Nelson Heat Tracing Systems products are supplied with a limited warranty. Complete Terms and Conditions may be found on Nelson's website at [www.nelsonheaters.com](http://www.nelsonheaters.com).

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# NELSON™

## ACCESSORIES FOR FACTORY FABRICATED HEATER CABLES

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General Accessories for use with Nelex Mineral Insulated Heater Cables.

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### Voltage Adjuster:

**SV-2S (without Enclosure)**

**SV-4 (in NEMA 4 Enclosure)**

**SV-7 (in NEMA 7 Enclosure)**

Voltage Adjuster used to adjust 120 VAC supply voltage from 5 to 100 VAC, 5 amp. maximum load.

### High Temperature Adapter:

**QHT-3**

High Temperature Adapter, used to heat sink the hot to cold connection as it passes through the insulation when the connection must be located outside the insulation.

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### Pipe Straps:

**HPS-6 (0.0" TO 6.0" O.D. Pipe)**

**HPS-12 (6.5" TO 12.0" O.D. Pipe)**

**HPS-16 (12.5" TO 16.0" O.D. Pipe)**

Stainless Steel Banding Strap, 0.38" wide with End Termination. Used for strapping mineral insulated cables to pipe.

### Clip Strips:

**HCS-3 (3.0" Spacing)**

**HCS-4 (4.0" Spacing)**

Steel Clip Strips, 10.0' long. Used to hold mineral insulated cable to tank or vessel wall or to provide uniform spacing in floor warming and snow melt applications.

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### Junction Boxes:

**JBA (with (3) 0.75" NPT Conduit Entrys)**

Cast Aluminum Junction Box, NEMA 4, 7 used for terminating mineral insulated cables. Suitable for use in hazardous locations.

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### Tie Wire:

**SS-05 (160 Yards)**

Stainless Steel Tie wire, 16-gauge. Used to attach mineral insulated cables to pipes. Suitable for use in corrosive environments.

**GS-80 (800 Yards)**

Galvanized Tie Wire, 17-gauge. Used to secure mineral insulated cables in floor warming or snow melt applications.

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## ACCESSORIES FOR FACTORY FABRICATED HEATER CABLES

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General Accessories for use with Nelex Mineral Insulated Heater Cables.

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### Warning Sign:

#### **WS-100**

Weatherproof Warning Sign. Used for cautioning maintenance personnel of the presence of electric heat tracing cable under the insulation. Attached to the outside of pipe insulation in frequent intervals. Black Lettering with Yellow background.

### Tape:

#### **AT-50 (50 Yards)**

Aluminum Foil Tape, 2.0" wide. Used to heat sink (lower the sheath temperature of) heater cable or to attach thermostat sensing bulbs to pipes.

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### Splice Kits:

#### **SI-AA (B Cable to B Cable)**

#### **SI-BB (K Cable to K Cable)**

#### **SI-BA (K Cable to B Cable)**

Splice Kit. Used for splicing mineral insulated cables in the field. (2 splices per kit).

### End Cap Kits:

#### **EI-A (B Cable)**

#### **EI-B (K Cable)**

End Cap Kit. Used for terminating mineral insulated cables in the field. (2 end caps per kit).

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### Pulling Eye Kits:

#### **PI-A (B Cable)**

#### **PI-B (K Cable)**

Pulling Eye Kit. Used for terminating mineral insulated cables when pulling through conduit. (2 pulling eyes per kit).

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## Controls and Accessories:

CATALOG	DESCRIPTION
HC4X50	Contactors, 50 amp, NEMA 4X enclosure
HC750	Contactors, 50 amp, NEMA 7 enclosure
OHC750	Contactors, 50 amp, oversized NEMA 7 enclosure
JBA	Cast Aluminum junction box, NEMA 4
SS05	Stainless tie wire
HCS-3	Clip strip, 3", 6" or 9" spacing
HCS-4	Clip strip, 4", 8" or 12" spacing
TA4X140	Ambient Thermostat, 15-140°F, NEMA 4X
TA7140	Ambient Thermostat, 15-140°F, NEMA 7

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