TECK 90 SPECIFICATIONS

CSA TECK 90 – 1000V CONTROL CABLE

- 1000V MULTI CONDUCTOR
- No. 14 TO No.10 AWG COPPER
- FT4 - FLAME RETARDANCY RATING

XLPE INSULATION
ALUMINUM INTERLOCKED ARMOUR
SUNLIGHT RESISTANT

- -40°C MIN, 90°C MAX
- RATED HL (HAZARDOUS LOCATIONS)
- AG14 - ACID GAS COMPLIANCE

PRODUCT HIGHLIGHTS

For exposed or concealed wiring in wet or dry locations. For use in ventilated, non-ventilated and ladder type cable troughs and ventilated flexible cableway in wet, dry or hazardous locations. Sunlight Resistant. Typical applications are for control, lighting and power circuits in: pulp and paper mills, steel mills, food processing plants, commercial centers, mines, generating stations, refineries, industrial plants and chemical plants.

CONSTRUCTION

Conductor
- Class B stranded copper

Insulation
- Cross-Linked Polyethylene (XLPE)
- Colour Code:
  - 2/C black, white
  - 3/C red, black, blue
  - 4/C red, black, blue, white

Grounding Conductors
- Uninsulated Class B stranded grounding conductor

Assembly
- Multiple conductor cables assembled with suitable fillers and binder tape

Inner Jacket
- Polyvinyl Chloride (PVC)

Armour
- Aluminum Interlocked Armour (AIA)

Overall Jacket
- Black PVC (optional colours available)

Temperature
- -40°C to 90°C

Voltage
- 1000V

DESIGN

Qualification Standards
- CSA C22.2 No. 131 - Type TECK 90 Cable
- CSA C22.2 No. 174 - Cables in Hazardous Locations
- CSA C22.2 No. 0.3 - Wire and Cable Test Methods
- CSA File Listing: LL90458

Flame Test Ratings
- FT4 - Flame Test (70,000 BTU/Hr - Vertical Tray Flame Test)
- IEEE 383 - Flame Test (70,000 BTU/Hr)

Product Ratings
- CSA C22.2 No. 0.3 - Wire and Cable Test Methods
- CSA HL - for Hazardous Locations rating
- CSA FT4 - for Flame Retardancy rating
- CSA SUN RES - for Sunlight Resistant rating
- CSA AG14 - for Acid Gas Compliance

Operating Temperatures
- -40°C - CSA Cold Bend and Impact Temperature
- -40°C - Min. Installation Temperature
- 90°C - Max. Continuous Operating Temperature
## TECK 90 SPECIFICATIONS

### CSA TECK 90 – 1000V CONTROL CABLE

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<th>Conductor Size</th>
<th>Number of Conductors</th>
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**Non-stock item - special order required**

1 Ampacities based on not more than 3 conductors (4 with neutral) in raceway or cable as per Table 2 of 2015 Canadian Electrical Code.