

# TECK 90

## 5KV TECK 90 CABLES



### 90 MIL 100% Single and 3 Conductor Unshielded/Shielded TECK 90

ShawFlex manufactures a selection of 5 kV cables suitable for use in utility and industrial applications

#### Applications

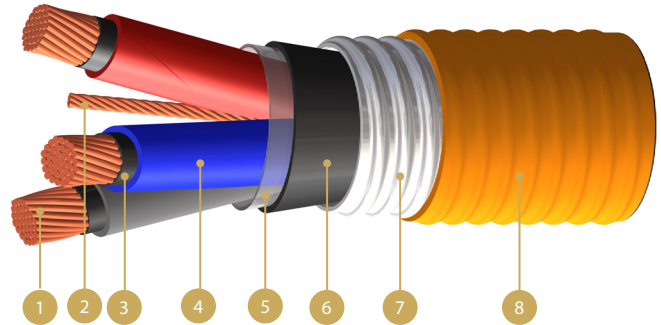
- Utilities
- Industrial
- Mineshafts
- Cable trays
- Direct burial
- Wet/dry locations

#### Constructions

- Orange jacket (standard) - other colours available upon request
- Available with:
  - Aluminum Interlocked Armour (AIA)
  - Steel Interlocked Armour (SIA)
  - Variable Frequency Drive (VFD) configurations
  - Verlok® configurations (for mineshaft applications)

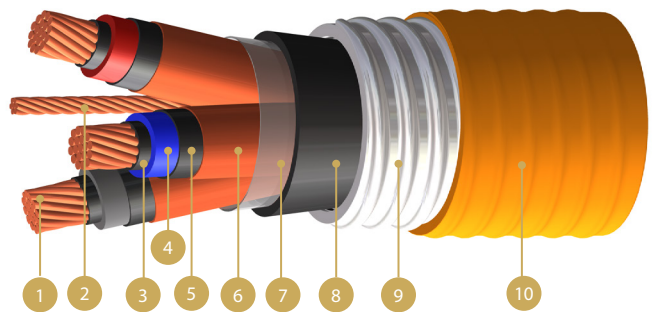
#### Approvals

- CSA C22.2 NO. 131, Teck 90 Cables
- CSA C22.2 NO. 174, Cables & Cable Glands for use in Hazardous Locations
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA FT4, UL 1685, Vertical Tray Flame Test rated
- IEEE 383 & 1202 (70,000 BTU/hr), Vertical Flame Test rated
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (RW90 rated), 90°C wet/dry
- -40°C Cold bend/impact rated
- -25°C Cold install rated
- UV sunlight resistant "SUN RES" (all colours)
- Direct burial rated
- HL rated for use in hazardous locations:
  - Class I Zone 1 (Div I)
  - Class I Zone 2 (Div 2)
  - Class II Zone 20, 21 (Div 1)
  - Class II Zone 22 (Div 2)



#### Teck 90 Unshielded 5 kV

1. Stranded Bare (ASTM B8) Annealed Copper Conductors
2. Grounding Conductor
3. Semicon Conductor Shield
4. XLPE (RW90 rated) Insulated Conductors
5. Polyester Separator Tape
6. FR LAG PVC Inner Protective Jacket
7. Aluminum Interlocked Armour (AIA)
8. FR LAG PVC Outer Protective Jacket



#### Teck 90 Shielded 5 kV

1. Stranded Bare (ASTM B8) Annealed Copper Conductors
2. Grounding Conductor
3. Semicon Conductor Shield
4. XLPE (RW90 rated) Insulated Conductors
5. Semicon Insulation Shield
6. Copper Tape Shield
7. Polyester Separator Tape
8. FR LAG PVC Inner Protective Jacket
9. Aluminum Interlocked Armour (AIA)
10. FR LAG PVC Outer Protective Jacket

Head Office  
ShawFlex  
A division of ShawCor Ltd.  
25 Bethridge Rd.  
Toronto, Ontario  
Canada M9W 1M7, Canada  
Tel: +1 416 743 7111  
[shawflex.com](http://shawflex.com)

