

TECK 90

UTILITY & INDUSTRIAL CABLES



Teck 90 Cables

ShawFlex manufactures a selection of 600V, 1kV and 5kV voltage cables suitable for use in ventilated, non-ventilated and ladder type cable trays, direct earth burial or raceways, and for exposed or concealed wiring in wet, damp or dry locations in -40°C (-40°F) rated environments.

Applications

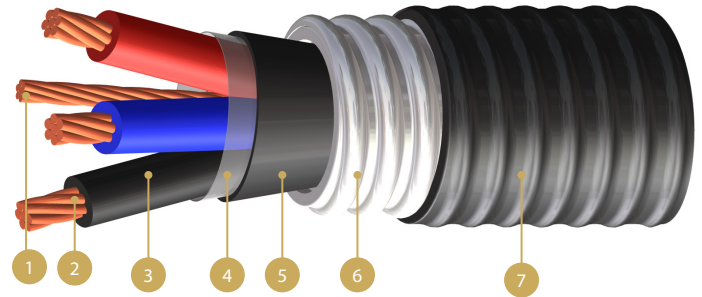
- Utilities
- Industrial
- Mine shafts
- Cable trays
- Direct burial
- Wet/dry locations

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 90°C dry
- -40°C Cold bend/impact rated
- -25°C Cold install rated
- UV sunlight resistant "SUN RES" (all colours)
- Low acid gas (AG 14 rated)
- 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)

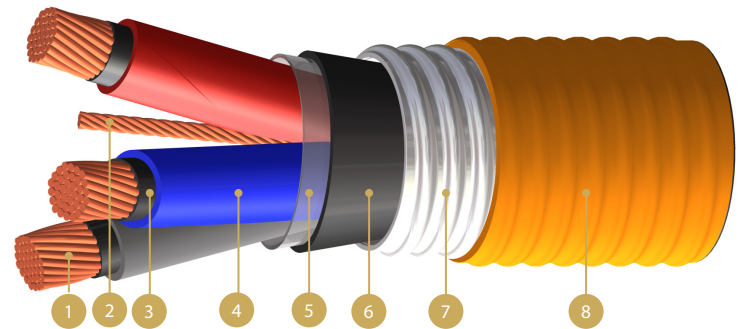
Approvals

- 600V, 1kV - Black jacket (standard) - other colours available upon request
- 5kV - Orange jacket (standard) - other colours available upon request
 - Available shielded or unshielded
- Available with:
 - Aluminum (8000 series) compact conductors
 - Aluminum Interlocked Armour (AIA)
 - Steel Interlocked Armour (SIA)
 - Variable Frequency Drive (VFD) configurations
 - Verlok® configurations (for mine shaft applications)



Teck 90 Low Voltage

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



Teck 90 Unshielded 5kV

1. Stranded Bare (ASTM B8) Annealed Copper Conductors (Tinned Available)
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

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