Warning:
Always ensure that the system is de-energized before performing any installation.

Suggested specifications for metal-clad cable or Teck cable fittings in hazardous locations:
1. All metal-clad cable fittings for jacketed and non-jacketed interlocked armour cable, continuous corrugated cable or Teck cable shall be approved by a nationally recognized testing laboratory, inspection agency or product evaluation organization.

2. Where corrugated-jacketed, metal-clad cable exposed to intermittent or continuous moisture is terminated into a threaded opening, the fitting shall be watertight type furnished with:
   a. an elastomeric beveled bushing.
   b. a funnel entry, splined gland nut.
   c. a non-magnetic, stainless steel grounding device with dual grounding action.
   d. a taper threaded hub.
   e. a hexagonal body and gland nut as manufactured by ABB (aluminum series ST050-464).
   f. a built in sealing O-ring on hub side.

3. With single-conductor cable and/or in corrosive environments, aluminum fittings such as ABB series ST050-464 shall be installed. Where explosion-proof or dust-ignition-proof boxes are required by the code, Star Teck fittings must be used in conjunction with an approved sealing fitting.
Star Teck (ST) series fittings for Teck and ACWU cable

Materials

- **Aluminum**: The catalogue numbers listed at left relate to aluminum fittings. The body and gland nut on hub sizes ¾ to 1 inch are machined from copper-free bar stock and 1¼ to 4 inches are made of cast copper-free aluminum.
- **Steel**: To order a steel or malleable iron fitting, add the suffix “S” to the catalogue number (example ST050-464S). The body and gland nut on hub sizes ¾ to 1 inch are made of steel and 1¼ to 4 inches are made of malleable iron. Plating is electro-deposited zinc.
- **Stainless steel**: To order a 316 stainless steel fitting, add the suffix “SS” to the catalogue number (example ST050-464SS). Only available for ¾ to 2 inch hub sizes.
- **PVC-coated aluminum and steel**: To order, add the suffix “PVC” to the catalogue number (example ST050-464PVC or ST050-464SPVC).

Note: When using fittings on single-conductor cable, aluminum fittings and aluminum locknuts must be used.

**Certifications**

- **Type HLA. CSA Certified Class II, Divisions 1 and 2, Groups E, F, and G; Class III and Enclosure Type 4, Type 4X, Classes I, II and III. Suitable for Class I Division 1 locations when used in combination with a certified Class I sealing fitting. Also suitable for Class I Division 2 when installed in accordance with the applicable electrical code.**
- **Complies with IEC requirements for Class I, Zones 1 and 2, when used in combination with a certified Class I hazardous location sealing fitting.**
- **UL Listed Class I, Division 2; Class II, Division 2 and Class III. Meets sealing requirements for type 4 enclosures. PVC-coated fittings are only approved for ordinary location areas (OLA).**