**Star Teck XP (STX) hazardous location series fittings for Teck cable**

**Easy installation**
- Hub has hexagonal shape for dependable tool grip.

**User-friendly**
- Internal splines allow installer to tighten gland nut either on or off enclosure.

**Highly efficient, highly visible**
- Union features twist-on action for easy connection and disconnection; red color assures high visibility, easy recognition. Union also serves as a “puller” during disassembly.

**Corrosion resistant**
- Copper-free construction. All-aluminum body and gland nut resist corrosion and oxidation.

**Dependable service**

**Easy fill and assembly**
- Sealing chamber is easier to fill, requires less sealing compound – saves time, material. Flame path is optimally designed to allow for easy insertion into hub. Quick-turn lock unitizes assembly during installation.

**Exclusive power grip**
- Provides grip that’s high upon cable armour – not on first convolution – so precise cable preparation is not critical. Non-magnetic stainless steel Power Grip grounding ring assures 360° long-term dependable grounding. Also provides phenomenal tensile pull-out resistance.

**Easy to install in tight spaces**
- Low profile gland nut fits tightest spaces. Has grooves for hammer/screwdriver installation and flats for wrench-gripping. Durable and reusable with funnel entry for easy cable insertion.

**Secure, tight fit**
- Tapered bushing. Cone-shaped to provide secure, tight fit while eliminating cupping of water in vertical installations.

**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, STX050-464.

3. With single conductor cable and/or in corrosive environments, aluminum connectors such as ABB series STX050-464 shall be installed.

4. In hazardous location applications, the fitting shall be of the integral seal type with metal-to-metal contact construction such as ABB Star Teck XP series. Sealing of multi-conductor or shielded cables shall be accomplished with a liquid-type polyurethane compound such as ABB series SC4-KIT-1. Putty-type sealing compound such as ABB series SC65 may be used for other applications.

5. The fitting must:
   a. Provide an environmental seal around the outer jacket of the cable and electrically bond the fitting to the cable armour prior to potting the explosion-proof seal.
   b. Allow the possibility of disconnection without disturbing the environmental seal, the electrical bonding or the explosion-proof seal.
STAR TECK XP (STX) SERIES

Star Teck XP (STX) hazardous location series fittings for Teck cable

Materials
- Aluminum: The catalogue numbers listed at left relate to aluminum fittings.
- Steel: To order a steel fitting, add the suffix “S” to the catalogue number (example STX050-464S).

Certifications
- Type HLA. CSA Certified Class I, Divisions 1 and 2, Groups A, B, C and D; Class II, Divisions 1 and 2; Groups E, F and G; Class III, SL (integral seal) and Enclosure Type 4 and 4X. Complies with IEC requirements for Class 1, Zones 1 and 2, Groups IIC, IIB and IIA.
- UL Listed for ½ through 3 inches when used with putty or liquid type compound: Class 1, Divisions 1 and 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III and Enclosure Type 4 and 4X.
- UL Listed for 3½ and 4 when used with putty or liquid type compound: Class 1, Divisions 1 and 2, Groups B, C and D; Class II, Division 2, Groups F and G; Class III and Enclosure Type 4 and 4X.

Sealing compounds

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<thead>
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<th>Cat. no.</th>
<th>Description</th>
<th>Volume (cubic centimeter)</th>
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<td>SC4-KIT-1</td>
<td>Liquid-type sealing compound (includes pouch of sealing compound with integral spout and fiber damming material).</td>
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For more details, refer to the installation/instruction sheet.

Suitable for use on cables with a maximum of four conductors (including ground). We do not recommend SC65 for use with shielded cables. Quantity of compound required will vary according to cable conductor fill.

Note - ABB hazardous locations fittings with integral seals (STX, STEX and HLT series) are UL and CSA certified only when used with SC4-KIT-1 or SC65 sealing compounds. No other sealing compounds have been tested, certified or listed.

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