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**OMNICABLE**

## TE Energy's Raychem Heat Shrink Technology

TE Energy's Raychem brand of tubing was developed when scientists pioneered the application of radiation crosslinking and the development of heat-shrinkable polymer products. Today TE Energy is recognized worldwide for its expertise in these areas.

The Raychem brand of tubings are made of polyolefins, fluoropolymers, and elastomers enhanced by radiation crosslinking and heat-shrinkability. When heated during installation, our tubings shrink to conform to virtually any shape. They provide dependable insulation, mechanical protection, and strain relief, as well as aesthetic appeal.

### HVS-500 for 5kV non-shielded cable

These heat shrink splices are designed for 1- and 3-conductor, armored and unarmored, 5kV medium voltage cables.

- Non-shielded cable splices provide high abrasion-resistance and a positive environmental seal
- Kits accommodate both jacketed and unjacketed cable
- Rated to meet the applicable portions of IEEE 404



### HVS-820/1520 for 5kV and 15kV shielded cable

TE Connectivity's Raychem heat-shrinkable shielded power cable splices are pre-engineered to offer a compact, low-profile installation with a minimum diameter buildup. The HVS-820 series and HVS-1520 series are designed for in-line splicing of single conductor shielded cables, ranging from 5kV through 15kV.

- Kits contain a solderless grounding kit, consisting of a ground clamp, a ground braid, and a shielding mesh.
- Heat-shrink feature allows the kits to accommodate out-of-round, out-of-spec cable.
- Rated to IEEE 404 . For use on copper tape, wire shield, lead sheath, and UniShield cables . Some kits contain tube for outer layer



## CSJA cold shrinkable splices for 15kV through 35kV shielded cables

Raychem joints CSJA are designed to cover a wide range of applications and to accommodate the variety of cable and conductor types in the networks. Range-taking mechanical connectors ensuring reliable installation and service are supplied with the kit. All key components are pre-expanded on one holdout system, allowing a very short parking length during cable preparation and fast installation.

This cable joint has a pre-expanded EPDM re-jacketing sleeve and an integrated neutral sock. The “All-in-One” design is easy to install with minimal steps and short installation time. A pre-expanded, single-piece silicone rubber joint body with high mechanical expansion capability allows a wide application range.



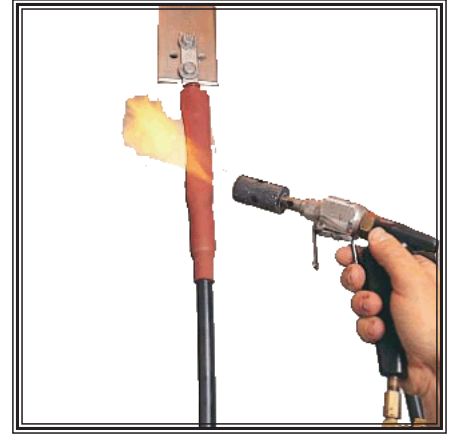
The CSJA cold shrinkable joint for 15 kV through 35 kV is designed to splice tape shield, wire shield, LC shield, UniShield, JCN and flat strap shielded cables.

- An ergonomically designed spiral holdout provides a smooth installation with low release forces.
- Total length of the splice body on the holdout is 14 to 19 inches providing a compact design.
- The silicone rubber body provides high dielectric strength, high tear strength, low tension set, and excellent low temperature recovery.
- Integrated electrical stress control enhanced by factory molded stress cones and a Faraday cage.
- Void filling stress relief mastics are not necessary.
- Proven shield continuity concept which can also bridge concentric neutrals.
- The joint accepts both mechanical and compression connectors.



### HVT-50 for non-shielded 5kV cable

Raychem HVT-50 non-shielded polymeric terminations are designed to withstand rigorous service conditions. The nontracking, heat-shrinkable insulation is simple to install and provides excellent UV stability. Available for single and three conductor cables.



### HVT-Z for shielded 5/8kV and 15kV cable

The Raychem HVT-Z medium voltage termination system features a co-extruded one-piece termination. The main termination component consists of the proven Raychem non-tracking tube together with a co-extruded stress control grading layer. This stress control layer is based on ceramic semi-conductor technology (ZnO) and provides superior discharge and impulse performance.

When the tubing is shrunk down, the coating softens and sticks to irregular surfaces, providing moisture seals as well as electrical stress control. HVT-Z high-voltage terminations are fully qualified per IEEE-48 as Class I terminations to provide a long, trouble-free service life.

#### Features and Benefits

- Reliable, field proven performance
- Slim profile and lightweight, can be installed upright or inverted
- Non-tracking material is maintenance free even in highly polluted environments
- Fully qualified Class 1 termination per IEEE-48 for a long, trouble free service life
- Unlimited shelf life



## TFT-R for shielded and non-shielded 5kV through 35kV cable

The TFT-R elastomeric medium voltage cable termination is available for both shielded and non-shielded indoor and outdoor applications. TFT-R terminations are designed for customers who prefer cold applied terminations.

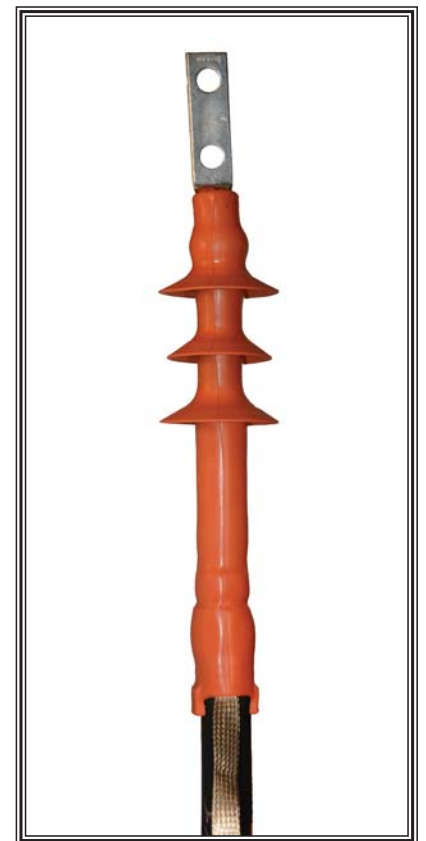
The TFT-R termination is the latest advancement in cold-applied terminations. These terminations feature an advanced stress control system using metal oxide matrix technology that provides superior electrical performance.

The TFT-R terminations feature an outer elastomeric insulation tubing formulated for long-term performance in extreme environments. The tubing comes with a pre-lubricated, crush resistant core (holdout) for simple installation. The superior elastomeric insulation tubing, together with the positive positioned stress control system and moisture sealing mastic, provide simple, reliable, and consistent installations.

TFT-R, TFT-G, and TFT-R-SG terminations are designed for 5/8, 15, 25 and 35 kV single conductor shielded and non-shielded extruded dielectric cables up to 1250 kcmil.

### Features and Benefits

- Provides maintenance free, long life even in highly contaminated areas
- Material does not degrade in outdoor applications, outstanding UV stability
- Stress control patch provides excellent electrical performance and prevents misplacement of stress control system
- Crush resistant core prevents collapsing due to rough handling
- Quick and easy installation
- Seals out all moisture and contamination
- Provides easier installation in confined spaces
- Fewer kits to accommodate a wider range of cable sizes
- Termination can be adjusted for proper position after installation on cable
- Terminations meet or exceed industry standards



### **MOD-3-HVT - 3-Conductor Modification kits for Raychem Terminations (5kV – 35kV)**

Use TE's Raychem MOD-3-HVT kits in conjunction with three 1/C terminations to seal and re-jacket the cable terminations MOD-3-HVT kits are available for both unsealed and sealed applications.

MOD-3X-HVT and MOD-3Y-HVT are for jacketing of phases and ground conductors MOD-3A-HVT and MOD-3B-HVT provide jacketing, plus an environmental crotch sealing boot. Tubing provided does not have sealant coating on the inner wall. This makes it easy to remove, like any cable jacket.

Each kit includes three 4-foot long sleeves for the phases and three 4-foot long smaller sleeves for any ground conductors (Tubing can be field-cut to appropriate length ) A unique six-legged cable breakout boot, provided in -3A and -3B kits, has an internal coating of a special adhesive to provide total environmental sealing of the cable crotch (breakout) area It has three large legs for the phases and three smaller legs for ground conductors. Plugs are included for insertion into any unused ground legs to maintain the environmental seal integrity.

#### Features and Benefits

- Reliable, field-proven performance
- Ease of installation
- Always ready for the job even in emergencies
- Flexible and versatile



### **MOD-3-TFT - 3-Conductor Modification Kits for Raychem Tool Free Terminations (5-35 kV)**

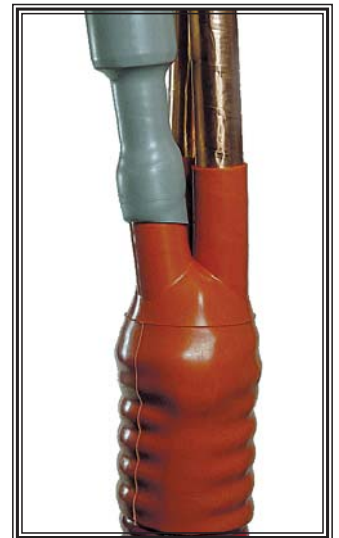
Use Raychem MOD-3-TFT kits in conjunction with three Raychem 1/C tool free terminations (TFT) to seal and re-jacket the cable terminations.

MOD-3Z-TFT is for re-jacketing of phase conductors. MOD-3C-TFT and MOD-3D-TFT provide re-jacketing, plus an environmental crotch sealing boot.

Each -3C and -3D kit includes six 1 5 foot pre-stretched tubes on holdouts for the phases (Tubing can be field-cut to appropriate length) A three-legged cable breakout boot is also pre-stretched on holdouts and has a domed crown Sealing is insured by pressure sensitive mastic to be applied under the breakout boot body as well as at the tubing interfaces

#### Features and Benefits

- Moisture sealing
- Ease of installation
- Reliable, field-proven performance
- Additional creepage for outdoor applications
- Electrical stress control





**Crimp Connectors**

Compression crimping forms the splice and conductor into a strong, almost homogeneous unit, producing excellent conductivity, low temperature rise, and outstanding resistance to oxidation and corrosion. These splices are offered from 6 AWG through 1,000 MCM with either a standard or long barrel.

**ShearBolt Connectors**

ShearBolt connectors are range taking mechanical connectors. Just five solid center stop connectors will accommodate a wide range of aluminum and copper conductors from #2 AWG compact stranded to 1000 kcmil concentric stranded Class B. The solid center stop (available on all sizes) inside the connector ensures proper conductor positioning and eliminates oil leakage when connecting oil impregnated conductors.



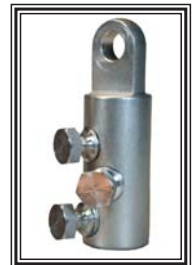
**Compression Terminals**



Copper compression terminals are ideally suited for secondary power distribution in buildings, power plants, electrical equipment, and industrial applications. Connectors can be used on applications up to 35 kV, and meet the requirements of UL486A and CSA C22.2 No. 65-95 when applied with approved die sets.

**ShearBolt Terminals**

ShearBolt Terminals (ASBT) are range-taking mechanical connectors that will accommodate a conductor range from #2 compact stranded to 1000 kcmil stranded, Class B. The primary application of the ASBT is for power cable terminations, both underground and above ground at voltages up to 35 kV.



**MCK-5**

Motor connection kit provides excellent insulation sealing—and resistance to abrasion—in motor connections (in-line or stub splice between 1/C poly feeder cable and motor leads). MCK-5 is rated to the general electrical requirements of the IEEE-48 withstand tests

**GelCap 8**

GelCap 8 stub connection kits insulate, seal, and protect stub splice connections up to 8 kV. The design was engineered to provide quick, secure installation and protection of the electrical connection from both physical and chemical attacks common in the harsh environment of motor connections.



### Raychem ELB-15-210

#### 15 kV, 200A Loadbreak Elbow

TE Connectivity's ELB-15-210 elbows are designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear that are equipped with bushings. They are fully shielded and fully submersible and are designed in accordance to IEEE Standard 386 – latest revision. Loadbreak elbows are designed for use with standard hotstick tools, which allows a loadmake/break operation with a physical disconnect.

They are designed for use on extruded (XLPE or EPR) solid dielectric cable. The conductor range is from #2 AWG to 250 kcmil for aluminum or copper conductors with insulation diameters from 0.370" to 1.060".

This 200A Loadbreak elbow includes a copper top compression connector, which connects the cable with the loadbreak probe. This connector is easy to crimp, is suitable for aluminum and copper conductors, and forms a reliable connection.

#### Features and Benefits

- Peroxide cured EPDM rubber ensures low tension set and high dielectric strength
- 100% factory production tested for partial discharge and AC Hipot per IEEE 386 Standard
- Capacitive test point
- Fits 15 kV cables up to 250 kcmil
- Molded semi-conducting shield provides ground shield continuity in accordance with IEEE 592
- Conforms to IEEE Standard 386





**Raychem ELB-15/28 Series**  
**600/900 Amp 15/28 kV Class**  
**T-Body Elbow Connector**

The ELB-15/28 elbows are designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear. They are fully shielded and fully submersible and meet the requirements of IEEE Standard 386. They are interchangeable with other manufacturers' products that conform with this industry standard.

They are designed for use on extruded (XLPE or EPR) solid dielectric cable. The conductor range is from 1/0 AWG to 1250 kcmil for aluminum or copper conductors with insulation diameters from .640" to 1.965". The ELB-15/28-610 and ELB-15/28-910 elbow has a capacitive test point molded into the elbow body which provides a means of sensing voltage and provides an attachment point for test point fault indicators. 900 A ratings can be achieved by ordering the kit with a copper ShearBolt terminal.

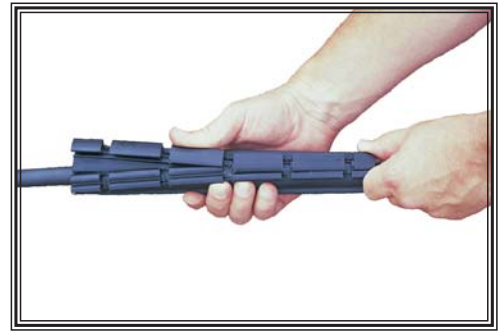
**Features and Benefits**

- Peroxide cured EPDM rubber ensures low tension set and high dielectric strength
- 100% factory production tested for partial discharge and AC Hipot per IEEE 386
- Optional capacitive test point provided on elbow
- Fits 15/28 kV cables up to 1250 kcmil
- Molded semiconducting shield provides ground shield continuity per the requirements of IEEE 592
- Meets IEEE 386-2006 specification requirements
- 900A capability is available



### **GelWrap Splice Closure**

TE Connectivity's Raychem GelWrap splice closures quickly and conveniently insulate and seal buried electrical connections rated up to 1000 volts. The robust, yet compact, design is engineered to handle the harsh environments of direct burial and manhole applications. GelWrap splice closures are equally well suited for insulation and jacket repair.



### **GILS Gel Filled In-line Splice Closure**

TE Connectivity's Raychem GILS gel in-line splice kit offers a state-of-the-art sealed splice for underground, buried, and overhead applications. GILS closure offers a fast and simple method for splicing, insulating, and environmentally sealing low voltage cable splices.

The GILS closure, with its revolutionary PowerGel sealant, covers and seals the splice quickly and easily, saving both time and effort.

#### Features and Benefits

- Accommodates copper and/or aluminum cables
- Qualified to ANSI C119 1-1986 for underground splicing
- UV Resistance
- Qualified for temperatures from -40°C to 90°C
- Connector included



### **RVS Rayvolve Roll-on Splice**

TE Connectivity's Raychem Rayvolve RVS splice cover kits are the easy roll-on way to insulate and seal cable connections up to 1000 volts. The gripping force of the specially formulated EPDM elastomeric combines with the high-performance sealant to form a water-resistant, insulating sleeve that is UL listed and CSA certified.

#### Features and Benefits

- Dual-wall design with an entrapped lubricant makes installation fast and simple
- Elastomeric sleeve rolls onto the cable with minimal effort

#### Applications

- Ideal for use where gas or electric heating devices are not approved
- Use to insulate and seal in-line compression connectors or to seal terminal lugs



**MWTM Heat-shrink Medium Wall Tubing**

TE Connectivity’s Raychem MWTM heat-shrink tubing is fast and easily installed, and has proven its long-term reliability in harsh climatic conditions and polluted environments. The tubings high-shrink ratio enables it to shrink and tightly fit a wide range of cable sizes and accessories. Sealant-coated MWTM tubing (-S designation) is for use as insulation/jacket repair up to 600 V or for general sealing and re-jacketing of polymeric- or elastomeric-insulated cables up to 35 kV.

**Features and Benefits**

- Sealant-coated MWTM tubing (-S designation) is for use as insulation/jacket repair up to 600 V or for general sealing and re-jacketing of polymeric- or elastomeric-insulated cables up to 35 kV
- RUS accepted for jacket restoration of JCN cable
- Uncoated MWTM tubing (-U or -A/U) is for cable re-jacketing only
- 3:1 shrink ratio and an unlimited shelf life when stored under normal conditions



**WCSM Heat-shrink Heavy Wall Tubing**

Raychem WCSM is a heat-shrink heavy-wall tubing for insulating and sealing power cables and accessories. In this tubing, the electrical and physical properties of a cable over sheath material are combined with ruggedness and easy installation. The material used is halogen-free and UV resistant.

For use on standard poly- or elastomeric –insulated/jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring. Use sealant-coated tubing (-S) as a sealed in-line splice or terminal lug seal for non-flame-retardant applications. Use uncoated tubing (-A/U and /U) for cable re-jacketing and mechanical protection only.

**Features and Benefits**

- For use on standard poly or elastomeric insulated / jacketed cable or lead-jacketed cables, which may include aluminum or steel armoring.
- WCSM tubing can be used to seal an in-line splice or terminal lug seal for non-flame retardant applications, cable re-jacketing and mechanical protection.
- WCSM tubing sizes 12-3 through 70-20 is UL and cUL listed per 486D (file E91151).
- Qualified to ANSI C119.1 and rated to Western Underground guide 2.5. Also RUS accepted for use as a secondary tap or splice cover, and for use as jacket restoration materials on JCN cable.
- WCSM tubing may be used for jacket repair on cables up to 35kV.
- WCSM tubing has a 4:1 shrink ratio and an unlimited shelf life when stored under normal conditions.



## **FCSM Heat-shrink Flame Retardant Heavy Wall Tubing**

Raychem FCSM heat-shrink tubing is a tough electrical insulating material, which combines flame-retarded properties with flexibility, abrasion resistance and a rapid installation technique. This combination of features has led FCSM tubing to be used in a wide range of demanding applications, in particular to insulate, to protect and to seal flexible cable joints, accessories and connections.

### Features and Benefits

- 3:1 shrink ratio and an unlimited shelf life when stored under normal conditions
- Uses sealant-coated tubing (-S) as a sealed in-line splice or terminal lug seal. It provides a watertight seal for direct-buried applications and wet environments.
- Use uncoated tubing (-/U) for cable re-jacketing only
- Sealant-coated or uncoated tubing may be used for jacket repair on cable to 35 kV. Qualified to ANSI C119.1; also rated to IEEE 383 (Vertical Tray Flame Test) and ICEA S-19-81. FCSM is also MSHA approved (P-07-KA090013-MSHA).



## **CRSM Wraparound Heat-shrink Sleeve**

TE Connectivity's Raychem CRSM sleeves close easily with a permanent locking system that consists of a raised rail profile and a stainless steel channel.

CRSM sleeves are made from cross-linked polyolefin, which equals or exceeds the material properties of the original cable jacket. CRSM sleeves fit a wide range of cable sizes and have unlimited shelf life.

### Features and Benefits

- Rugged mechanical protection
- Watertight seals
- Superior electrical insulation

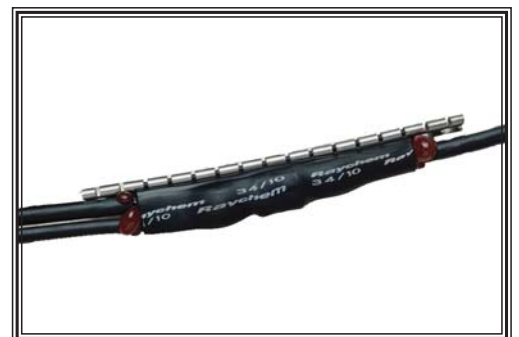


## **CRSM-CT Heat-shrink Wraparound Tap Splice Sleeve**

TE Connectivity's Raychem CRSM-CT heat-shrinkable wraparound sleeve for cable tap splices. CRSM-CT sleeves can be used on standard poly- or elastomeric-insulated conductors. Qualified to ANSI C119.1-1986, rated to ICEA electrical withstand test for 1000V. RUS accepted for use with compression and split-bolt connectors.

### Features and Benefits

- Rugged mechanical protection
- Watertight seals
- Superior electrical insulation



### **MRS Heat-shrink Repair Sleeves**

TE Connectivity's Raychem MRS wraparound mining repair sleeve provides an efficient method of repairing insulation on flexible cables to 2 kV and repairing jacket damage on high-voltage cable where a splice is not required.

The specially formulated, flame retardant, flexible wraparound sleeve installs with a low profile quickly and easily, which means the cable can be returned to service in minutes.

#### Features and Benefits

- Rugged mechanical protection
- Watertight seals
- Superior electrical insulation



### **LVSA-3 Wraparound Heat-shrink Closure**

TE Connectivity's Raychem LVSA-3 kit features a wraparound, heat shrink adhesive-coated outer sleeve that significantly reduces the installation space required and protects the splice from corrosion and moisture for 3-conductor armored cable (1000V).

The kit also includes a low-profile wraparound armor case that is simple to install and requires no compound or resin filling.

#### Features and Benefits

- Significantly reduces the installation space required
- Protects the splice from corrosion and moisture
- Simple to install, no compound or resin filling required



### **GelCap Cold Applied Splice Cover Kit**

TE Connectivity's Raychem GelCap splice cover kits quickly and conveniently insulate, seal, and protect stub splice connections up to 1000 volts. The robust yet compact design was engineered to handle the harsh environment of motor connections. GelCap splice cover kits are equally suited for other connection applications including street light connections, irrigation systems and HVAC.

#### Features and Benefits

- Accommodates copper and/or aluminum cables
- Qualified to ANSI C119 1-1986 for underground splicing
- UV Resistance
- Qualified for temperatures from -40°C to 90°C
- Connector included



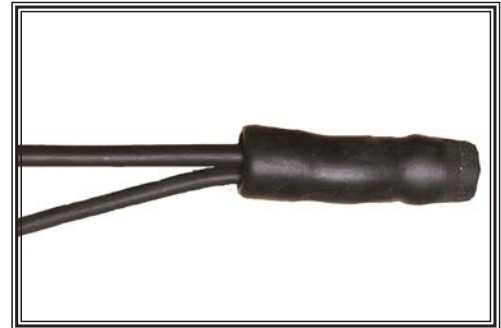
### **RVC Cold Applied Stub Termination**

TEs Raychem RVC cold applied motor connections offer a quick and easy "roll-on" way to insulate and seal stub connections to 1000v.

The Rayvolve splice cover cap consists of a dual-wall sleeve with a plug bonded at one end. A high-performance lubricant reduces friction between the two wall walls and allows the cap to roll easily - like a tractor tread - onto the stub connection.

#### Features and Benefits

- Cap does not slide, ideal for use with a sealant strip
- Quick and easy roll-on installation
- Forms a water-resistant seal
- Tool-free RVC cap is ideal for installation in cramped motor boxes



### **GHFC Cold Applied H-Frame Gel Closure**

TEs Raychem GHFC low-voltage H-frame gel closure provides a fast and simple method for insulating and environmentally sealing low-voltage cable-taps and splices made with H-frame compression connectors. Provides a watertight seal and excellent electrical insulation.

- PowerGel sealant filled splice for buried, underground, and overhead applications
- Fast and simple to install, requires just a 5/16" Allen wrench or a torque wrench and a knife
- PowerGel sealant easily peels away leaving a clean connection
- Can be used on aluminum or copper cables



### **GTAP Cold Applied Gel Tap Splice Kit**

TE Connectivity's Raychem GTAP gel tap splice kit provides a fast and simple method for connecting, insulating, and environmentally sealing low-voltage splices. A watertight seal protects from corrosion and pollution while providing excellent electrical insulation. The GTAP splice kit is designed for underground as well as overhead environments. It is especially useful for street lighting applications.

#### Features and Benefits

- PowerGel sealant filled splice for buried, underground, and overhead applications
- Fast and simple to install, requires just a 5/16" Allen wrench or a torque wrench and a knife
- Range taking connector reduces inventory
- Re-enterable: Silicone gel easily peels away leaving a clean connection
- UV resistant, qualified for temperatures from -40°C to 90°C



### **GelCap SL Splice Covers for Street Lights**

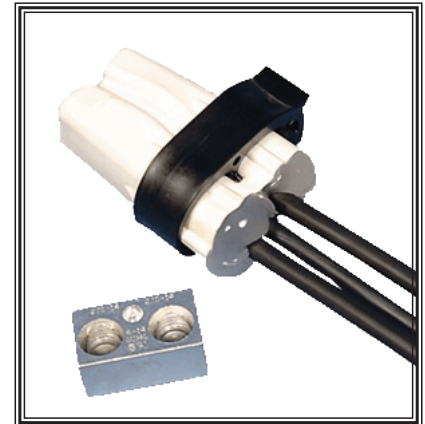
TE's Raychem GelCap splice cover kits quickly and conveniently insulate, seal, and protect stub splice connections up to 1000 volts. The robust yet compact design was engineered to handle the harsh environment of motor connections. GelCap splice cover kits are equally suited for other connection applications including street light connections, irrigation systems and HVAC.

#### Features and Benefits

- Moisture seal over wide temperature range
- Abrasion resistance
- UV resistance
- Visual inspection of connector

#### Applications

- Irrigation systems
- HVAC
- Outdoor lighting
- Motor connections



# OMNICABLE

## **Power & Control**

THHN / PVC - Tray Cable  
XLP / PVC & CPE - Tray Cable  
FR-EP / CPE - Tray Cable  
Medium Voltage (5kV - 69kV)  
Shielded Constructions  
Various Custom Constructions

## **Instrumentation**

POS and SPOS constructions  
TOS and STOS constructions  
THHN / PVC  
XLP / PVC  
XLP / CPE  
FR-EP / CPE  
300 Volt PLTC  
600 Volt TC  
Custom constructions/insulation/jackets available

## **Portable Cords**

SO / SOOW, 2-50 Conductor  
Type G, GG-C, SHD-GC  
Type W  
Bus Drop

## **Flexible Cables**

Diesel Locomotive - DLO  
Welding Cable  
VFD - 3 and 4 Conductor  
Festoon Cable  
Jumper Cable - 5kV to 15kV  
SDN® - Reel & Pendant  
Alpha Wire / Lutze / LAPP USA  
Type P - Marine Cable

## **High-Temp Lead Wires**

SF-2, SFF-2 in colors (UL 150°C-200°C)  
TGGT (UL 250°C)  
MG (UL 450°C)  
SRML, SRG, SRK, SRGT (UL 150°C-200°C)  
Teflon-E, EE, K, KK, PFA, Tefzel® (UL 150°C-200°C)  
Super High Temp Cables (UL 450°C/Non-UL 980°C)

## **Hook-up**

PVC Hook-up wire (UL 1007, UL 1015, UL 1061)  
Irradiated PVC Hook-up wire (UL 1429, UL 1430, UL 1431)  
Neoprene Lead Wire (UL 3044, UL 3046, UL 3048)  
Military Spec (M16878, M22759)  
Harmonized PVC Hook-up  
EPDM  
SIS - VW-1 - All colors

## **Fiber Optics**

Indoor, Indoor/Outdoor, Outdoor  
Plenum and Riser  
Tight Buffer and Loose Tube  
Multi-mode and Single-mode  
Armored

## **Bare and Tinned Copper**

Stranded - Tinned and Bare  
Solid - Tinned and Bare

## **Belden**

Industrial  
Classics  
Industrial Ethernet  
New Generation  
Networking Copper & Fiber Optic Cables

## **Armored Cables - 600V, 5kV, 15kV**

Aluminum Interlocked Armor - PVC or Non-PVC jacketed  
Teck 90 - CSA - Control and Instrumentation  
Continuous Corrugated Weld

## **Aluminum Cable**

ACSR Aluminum Conductor, Steel Reinforced  
Primary URD TR-XLP 15kV/25kV/35kV  
XLP Triplex Service Drop Cable  
XLP Triplex / Quadraplex Secondary URD

## **Sound, Security and Alarm**

Thermostat  
Plenum, CL2P, CMP  
Coax - RG59, RG6, RG6 Quad  
Fire Alarm - FPLR, FPLP - Article 725, 760, 800  
2-Hour Fire Rated Circuit Integrity (CI, CIC, RHW)  
Crestron / Lutron Equals

## **IMSA**

19-1 and 20-1 Traffic Signal Cable  
50-2 Lead-In  
51-1, 51-3, 51-5 Loop Detector

## **Telephone**

Indoor / Outdoor  
High Speed Data - Cat5e, Cat6 (350-550MHz)  
Direct Burial  
Aerial  
Figure 8  
TelcoFlex

## **Building Wire**

TFFN / TFN - Solid or Stranded  
THHN / THWN - Solid or Stranded  
XLP / USE  
THW  
XHHW-2 / XHHW-2 CT  
Cathodic Protection  
Photovoltaic

## **Cable Accessories**

Fittings - Tray, Portable Cord, Armor  
Medium Voltage Splices & Terminations  
Low Voltage Splices, Taps, Motor Connection Kits  
ShearBolt Connectors and Terminals  
Crimp Connectors and Terminals  
200AMP and 600AMP Elbows  
ALR Photocontrol & Lighting Accessories

## **Value Added Services**

Striping  
Dyeing  
Twisting  
Bundling  
Custom Constructions