

Raychem

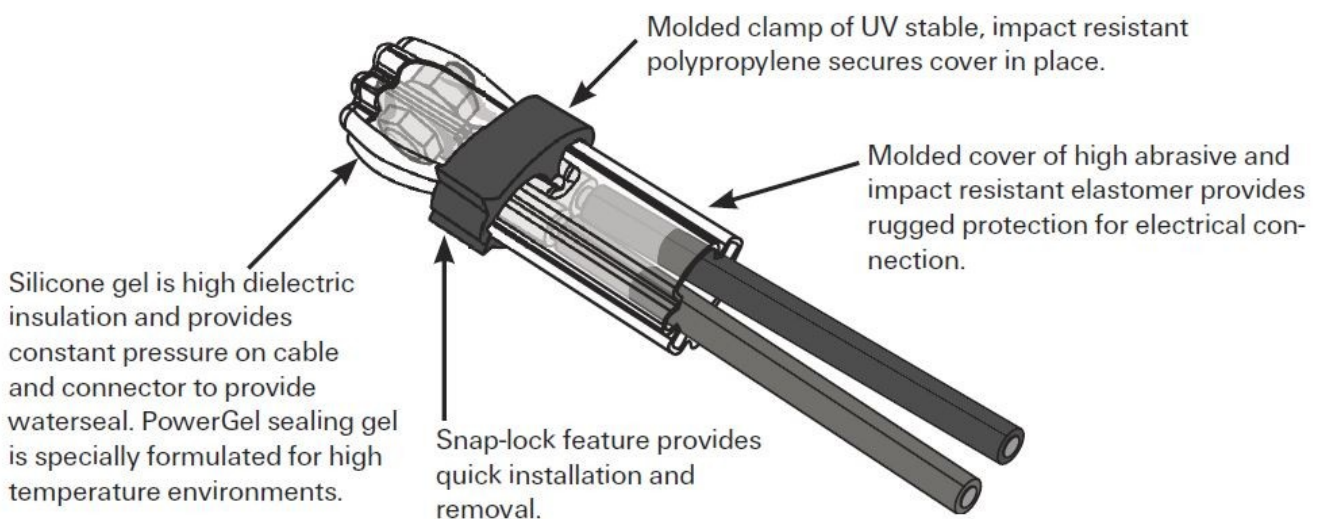
KGEL-STUB

Gel filled stub connectors suitable for cable connections to 600V



Tyco Electronics' GelCap motor connection kits provide quick installation, dependable performance, and easy Re-entry.

GelCap motor connection 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 kits are equally well suited to many other connection applications including street light connections.



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Fast and easy installation

GelCap motor connection kits provide for fast installation. Simply push the cover down over the connection and snap the clamp closed. The PowerGel sealing gel is already in the cap, no extra material or grease is required.

Easy re-entry

The corner of the stub connection is easy to reenter as the PowerGel sealing gel pulls away leaving a clean connection. Reentry is also safer than other methods because no sharp objects or cutting tools are required for removal of the cap.

PowerGel sealing gel technology

The GelCap motor connection kits feature revolutionary PowerGel sealing gel which provides an excellent moisture seal over a wide temperature range (-40°C to 105° C). PowerGel sealing gel has excellent insulating properties and the added benefit of acting as a vibration damper.

Common uses

- Motor connections
- Street lighting
- Over wire nuts for sealing
- Irrigation systems
- HVAC
- Outdoor lighting

Figure 1:

Push cap onto connection.

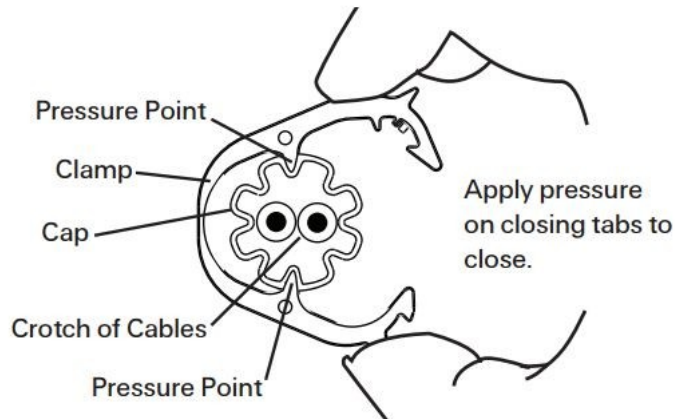
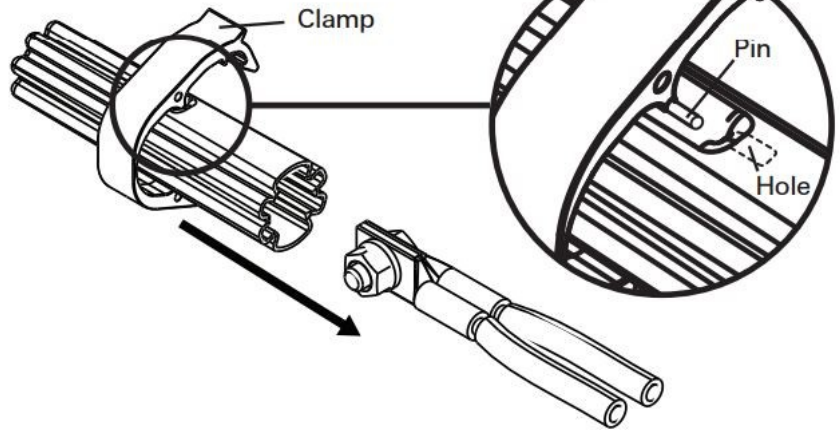


Figure 2:

Clamp pressure points should fit into opposing grooves of cap and apply pressure in crotch of cables. Snap clamp closed.

Testing:	Test Conditions:
Chemical Resistance	ASTM D543, Sulfuric acid, Sodium hydroxide, Transformer & motor oil
Ozone Resistance	ASTM D1149, 120 hours@40C, 50pphm
Accelerated Aging	ASTM D2671
UV Resistance	ASTM G53, UVB, 4000 hours, 4 hours on/off cycle
Abrasion Resistance	2040gm wt., 4000 cycles, 5% max thickness loss

Part #:	Conductor Size:
KGEL-STUB-01*	1.5-5mm ²
KGEL-STUB-02	8-35mm ²
KGEL-STUB-03	35-105mm ²
KGEL-STUB-04	125-250mm ²

* For wire sizes 1.5mm² – 5mm² the unique design of the "KGEL-STUB-01" kit saves space by allowing all three phase connections to be installed in one cover. Product sizes 02, 03 & 04 include one cap per phase.