

Raychem

KGEL-WRAP

Cable re-jacketing & splice sleeve suitable for in-pit & direct burial up to 1KV



Tyco Electronic's GelWrap closure sleeves 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 sleeves are equally well suited for insulation and jacket repair.

Features & Benefits

Installers will appreciate the simple wraparound design and dependable gel sealing performance. Simply wrap and snap the sleeve on any cable in the use range. The gel in the sleeve seals on contact. Installation is literally a snap.

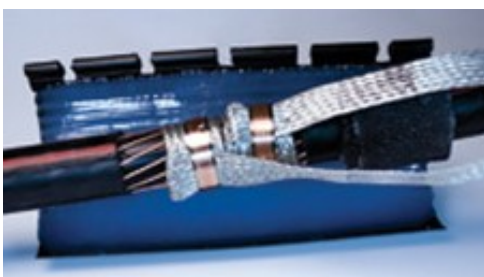
The factory cured silicone gel sealant in the GelWrap sleeve completely encapsulates the connection. Moisture cannot enter the splice.

PowerGel sealing gel was specifically developed for the electrical power industry. PowerGel sealing gel is hydrophobic and provides an excellent moisture seal over a wide operating temperature range (-40°C to 95°C).

It is compatible with solid dielectric cable insulations.

Other common uses for GelWrap sleeves

- LV cable repair splices
- MV cable jacket repair
- MV splice re-jacketing
- Elbow sealing sleeve

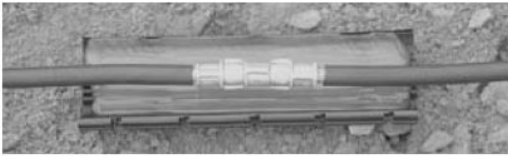


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Installation Instructions



1. Center GelWrap sleeve over connector.



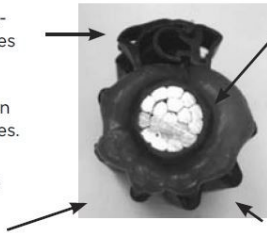
2. Wrap sleeve around connector and shut snap locks over entire length of sleeve.



3. Install cable ties at outermost notches of snap lock. Splice is complete.

Snap-lock made of impact resistant polypropylene provides secure installation. Latch is geometrically designed to provide easy installation, even when wearing insulated gloves.

Both the gel and housing are UV resistant and suitable for overhead applications.



Silicone gel is a high dielectric strength insulation that completely encapsulates the connection. The result is an excellent water seal. PowerGel sealing gel is specially formulated for high temperature environments.

Elastomer cover material combines outstanding tear strength, abrasion resistant, and chemical resistance with excellent flexibility and range-taking.

Testing

Test Conditions

- | | |
|---------------------|---|
| ANSI C119.1 – 1986 | 600V insulated underground |
| Chemical Resistance | Fluid immersion, 168 hours @23c, 75% elongation retention min. <ul style="list-style-type: none"> • 10W-40 motor oil • 10% hydrochloric acid • 15% sodium hydroxide • ETC 60280 antifreeze (1000 hours) |
| Accelerated Aging | 1000 hours @135C <ul style="list-style-type: none"> • 93% retention tensile strength • 82% retention elongation at break |

Part #:	Application Range	Sleeve Length	Conductor Size	Max Connector Length
	MM (OD)	MM	MM2	MM
KGEL-WRAP-4/18-100	4-18	100	4-95	25
KGEL-WRAP-4/18-150	4-18	150	4-95	75
KGEL-WRAP-4/18-200	4-18	200	4-95	125
KGEL-WRAP-4/18-250	4-18	250	4-95	175
KGEL-WRAP-4/18-300	4-18	300	4-95	225
KGEL-WRAP-10/33-150	10-33	150	35-240	50
KGEL-WRAP-10/33-200	10-33	200	35-240	100
KGEL-WRAP-10/33-250	10-33	250	35-240	150
KGEL-WRAP-10/33-300	10-33	300	35-240	200
KGEL-WRAP-10/33-350	10-33	350	35-240	250
KGEL-WRAP-20/50-200	20/50	200	250-750	50
KGEL-WRAP-20/50-250	20/50	250	250-750	100
KGEL-WRAP-20/50-300	20/50	300	250-750	150
KGEL-WRAP-20/50-350	20/50	350	250-750	200
KGEL-WRAP-20/50-400	20/50	400	250-750	250

NOTE: some items are available as special order only, please speak with one of our friendly sales team to confirm availability