



## GELWRAP WRAP-AROUND SPLICE COVER

### EASILY INSTALL CONNECTIONS UP TO 1000V

#### KEY FEATURES

- Simply wrap and snap the sleeve on any cable in the use range
- Easy and quick to install
- For splice cover, cable rejacketing, underground or overhead applications
- Closure sleeves are compatible with solid dielectric cable insulations

TE Connectivity's (TE) Raychem 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.

PowerGel sealing material was specifically developed for the electrical power industry. This unique hydrophobic gel material provides an excellent moisture seal over wide operating temperature ranges (-40°C to 95°C). Both the gel and housing are UV resistant and suitable for overhead applications.

Other common uses for GelWrap sleeves include LV cable repair splices, MV cable jacket repair, MV splice rejacketing, and Elbow sealing sleeve.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Gelwrap Wrap-Around Splice Cover (1000V)



### TESTING

The TE GelWrap sleeve meets the following requirements:

Testing	Test Conditions
ANSI C119.1 - 1986	600V insulated underground
Chemical Resistance	Fluid immersion, 168 hours @ 23° C, 75% elongation retention minimum <ul style="list-style-type: none"> <li>- 10W-40 motor oil</li> <li>- 10% hydrochloric acid</li> <li>- 15% sodium chloride</li> <li>- 20% sodium hydroxide</li> <li>- ETX 60280 antifreeze (1000 hours)</li> </ul>
Accelerated Aging	1000 hours @ 135° C <ul style="list-style-type: none"> <li>- 93% retention tensile strength</li> <li>- 82% retention elongation at break</li> </ul>

### Maximum Mechanical Connector Dimensions:

Figure (A)

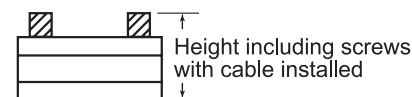


Figure (B)



### PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)

Description	Sleeve Length	Conductor Size	Maximum Connector Opening	General Use Diameter Range
GelWrap-18/4-100	4.0 (100)	#12 - 4/0 (4 - 95)	1.0 (25)	0.15 - 0.70 (4 - 8)
GelWrap-18/4-150	6.0 (150)	#12 - 4/0 (4 - 95)	3.0 (75)	0.15 - 0.70 (4 - 18)
GelWrap-18/4-200	8.0 (200)	#12 - 4/0 (4 - 95)	5.0 (125)	0.15 - 0.70 (4 - 18)
GelWrap-18/4-250	10.0 (250)	#12 - 4/0 (4 - 95)	7.0 (175)	0.15 - 0.70 (4 - 18)
GelWrap-18/4-300	12.0 (300)	#12 - 4/0 (4 - 95)	9.0 (225)	0.15 - 0.70 (4 - 18)
GelWrap-33/10-150	6.0 (150)	#2 - 500 (35 - 240)	2.0 (50)	0.40 - 1.30 (10 - 33)
GelWrap-33/10-200	8.0 (200)	#2 - 500 (35 - 240)	4.0 (100)	0.40 - 1.30 (10 - 33)
GelWrap-33/10-250	10.0 (250)	#2 - 500 (35 - 240)	6.0 (150)	0.40 - 1.30 (10 - 33)
GelWrap-33/10-300	12.0 (300)	#2 - 500 (35 - 240)	8.0 (200)	0.40 - 1.30 (10 - 33)
GelWrap-33/10-350	14.0 (350)	#2 - 500 (35 - 240)	10.0 (250)	0.40 - 1.30 (10 - 33)
GelWrap-50/20-200	8.0 (200)	250 - 750	2.0 (50)	0.80 - 1.50 (20 - 38)
GelWrap-50/20-250	10.0 (250)	250 - 750	4.0 (100)	0.80 - 1.50 (20 - 38)
GelWrap-50/20-300	12.0 (300)	250 - 750	6.0 (150)	0.80 - 1.50 (20 - 38)
GelWrap-50/20-350	14.0 (350)	250 - 750	8.0 (200)	0.80 - 1.50 (20 - 38)
GelWrap-50/20-400	16.0 (400)	250 - 750	10.0 (250)	0.80 - 1.50 (20 - 38)

Note: For other sizes or application, a minimum seal length is required on each side of connector opening or jacket damage.

### PRODUCT SELECTION INFORMATION: UL LISTED - DIMENSIONS IN INCHES (mm)

Description	Sleeve Length	1000V Cable Range	Maximum Connector Opening	Max. Compression Connector Diameter	Maximum Mechanical Connector Dimensions	
					Height (A)	Width (B)
GelWrap-18/4-150UL	6.0 (150)	#14-4/0 AWG	2.0 (50)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-200UL	8.0 (200)	#14-4/0 AWG	4.0 (100)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-250UL	10.0 (250)	#14-4/0 AWG	6.0 (150)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-300UL	12.0 (300)	#14-4/0 AWG	8.0 (200)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-350UL	14.0 (350)	#14-4/0 AWG	10.0 (250)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-400UL	16.0 (400)	#14-4/0 AWG	12.0 (300)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-450UL	18.0 (450)	#14-4/0 AWG	14.0 (350)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-500UL	20.0 (500)	#14-4/0 AWG	16.0 (400)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-550UL	22.0 (550)	#14-4/0 AWG	18.0 (450)	0.85 (22)	1.2 (30)	1.1 (28)
GelWrap-18/4-600UL	24.0 (600)	#14-4/0 AWG	20.0 (500)	0.85 (22)	1.2 (30)	1.1 (28)

### FOR MORE INFORMATION:

#### TE Technical Support Centers

USA:	+ 1 800 327 6996
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 351 731
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
China:	+ 86 (0) 400-820-6015

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