



RAYCHEM RAYOLON ROLL-ON SEALING SLEEVES

REUSABLE SEALING SLEEVES REQUIRE NO HEAT FOR RELIABLE SEALING AGAINST HARSH ENVIRONMENTS

TIME-SAVING EASE OF USE

- Rolls on and off
- Allows multiple reentries
- No heat required

RELIABLE

- Enhanced sealing with supplied gel strips
- Helps protect connectors, splices, and other components from corrosion

CONVENIENT

- Application centered kits of general use, connectors, and ship or shore power cable needs

APPLICATIONS

- Naval
- Marine Docks
- Ship Building
- Offshore

Heatless, Reenterable Sealing

With easy application without the need for special tools, TE Connectivity's (TE) **Raychem RayOLON** sleeves help protect components such as connectors and splices from salt spray and moisture. They easily roll over the components. If reentry is needed, they can be rolled back and then back into position.

Without the need for heat, installation is fast and easy anywhere—no external power required. And reusability helps eliminate the need for replacement spares. An inner paper sleeve makes installation even easier.

Kits Give You Everything You Need

RayOLON sleeves are available in kits to simplify specifying and stocking. Each kit gives you a ready-to-apply solution. In addition to the RayOLON sleeve and instructions, specific kits contain:

General Kit (GK): Gel strip, cable tie and core tube

Connector Sealing Kit (CK): Cable tie, connector flange cover, and gel strip

Ship or Shore Power Cable Kit (SS): Woven heat shield

RAYOLON ROLL-ON SEALING SLEEVES

For Reliable Sealing Against Harsh Environments



MATERIALS

- Sleeve: Cross-linked EPDM, black

PRODUCT SPECIFICATION

- RW-3031

PHYSICAL/CHEMICAL

- Tensile Strength: 8.3 MPa (1200 psi) min. (ASTM D2671)
- Ultimate Elongation: 100% min. (ASTM D412)
- Physical/ Density: 1.1 g/cm³ max. (ASTM D792)
- Chemical/Water Absorption: 0.5% over 24 hours at 23°C max. (ASTM D570)
- Flammability: 40 mm/minute max. (ASTM D635)

ELECTRICAL

- Dielectric Strength: 90 kV/cm min. (ASTM D149)
- Volume Resistivity: 1 x 10¹² Ω-cm (ASTM D257)

TEMPERATURE RATINGS

- Continuous Operating: -40°C to 70°C
- Short-Term Exposure: -63°C to 90°C
- Minimum Installation: -25°C

Product Offering

Base Part No.	Available Kit	Sleeve Diameter	Sleeve Length	Recommended Usage Range	Connection Length
LNCL-11-125	GK	0.51 [13.0]	4.92 [125]	0.22 - 0.68 [6 - 17]	3 [75]
LNCL-11-205	GK	0.51 [13.0]	8.07 [205]	0.22 - 0.68 [6 - 17]	6 [150]
LNCL-12-140	GK, CK-N	0.56 [14.2]	5.51 [140]	0.48 - 0.90 [12 - 23]	4 [100]
LNCL-12-240	GK, CK-N	0.56 [14.2]	9.45 [240]	0.48 - 0.90 [12 - 23]	7 [175]
LNCL-13-155	GK	0.75 [19.0]	6.10 [155]	0.69 - 1.20 [18 - 30]	4 [100]
LNCL-13-305	GK	0.75 [19.0]	12.00 [305]	0.69 - 1.20 [18 - 30]	9 [225]
LNCL-14-185	GK	1.02 [25.9]	7.28 [185]	0.96 - 1.50 [25 - 38]	5 [125]
LNCL-14-355	GK	1.02 [25.9]	14.00 [355]	0.96 - 1.50 [25 - 38]	10 [250]
LNCL-15-185	GK	1.45 [36.8]	7.28 [185]	1.40 - 2.00 [36 - 46]	5 [125]
LNCL-15-260	GK, SS	1.45 [36.8]	10.2 [260]	1.40 - 2.00 [36 - 46]	7.5 [190]
LNCL-15-450	GK, SS	1.45 [36.8]	17.72 [450]	1.40 - 2.00 [36 - 46]	12 [300]

Note: Dimensions are Inch [mm]

To specify a kit, add the kit identifier to the end of the base part number: LNCL-12-240-CK-N

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Consult TE for the latest dimensions and design specifications.