



FCSM TUBING

HEAVY-WALL, FLAME RETARDANT TUBING (2000V)

KEY FEATURES

- 3:1 shrink ratio
- Sealant-coated tubing
- Flame retardant
- MSHA approved

TE Connectivity's (TE) Raychem FCSM tubing's tough, crosslinked polyolefin construction provides mechanical strength and cut-through resistance equal to, or surpassing, the properties of low-voltage cable jackets.

The FCSM tubing is mainly for use on standard poly or elastomeric insulated or jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring.

TE's FCSM tubing has a 3:1 shrink ratio and an unlimited shelf life when stored under normal conditions.

FCSM tubing is also MSHA approved (No. 07-KA090013-MSHA).

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



Connectors up to 6 inches: Recommended cut length = connector length + 4 inches. Connectors over 6 inches: Recommended cut length = connector length + 5 inches.

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)						
Description	2000V Cable Nominal Use Range (AWG/kcmil)	General Use Range	Tube Length*	Standard Ft. (m)/Roll	Pack PCs/Box	Bulk Option Ft. (m)/Roll
In-Line Splice or Terminal Lug Seal (with Sealant)						
FCSM-9/3-1200-S	#14 - #6	0.15 - 0.30 (4 - 8)	48 (1200)	-	25	-
FCSM-19/6-150-S	#6 - #2	0.25 - 0.65 (6 - 17)	6 (150)	-	50	-
FCSM-19/6-1200-S	#6 - #2	0.25 - 0.65 (6 - 17)	48 (1200)	-	25	-
FCSM-28/9-225-S	#2 - 4/0	0.40 - 0.95 (10 - 24)	9 (225)	-	50	-
FCSM-28/9-1200-S	#2 - 4/0	0.40 - 0.95 (10 - 24)	48 (1200)	-	25	-
FCSM-38/12-300-S	1/0 - 350	0.50 - 1.30 (13 - 33)	12 (300)	-	40	-
FCSM-38/12-1200-S	1/0 - 350	0.50 - 1.30 (13 - 33)	48 (1200)	-	10	-
FCSM-51/16-300-S	250 - 500	0.70 - 1.75 (18 - 44)	12 (300)	-	30	-
FCSM-51/16-1200-S	250 - 500	0.70 - 1.75 (18 - 44)	48 (1200)	-	10	-
FCSM-68/22-1200-S	600 - 1000	0.95 - 2.30 (25 - 58)	48 (1200)	-	10	-
FCSM-90/30-1200-S	800 - 1200	1.30 - 3.10 (33 - 79)	48 (1200)	-	5	-
FCSM-120/40-1200-S	1500 - 2500	1.75 - 4.10 (44 - 104)	48 (1200)	-	5	-
FCSM-177/63-600-S		2.75 - 6.05 (70 - 154)	24 (600)	-	6	-
FCSM-177/63-1200-S		2.75 - 6.05 (70 - 154)	48 (1200)	-	5	-
Cable Rejacketing (Without Sealant)						
FCSM-9/3-A/U	#14 - #8	0.15 - 0.30 (4 - 8)	-	100 (30)	-	-
FCSM-19/6-A/U	#6 - #2	0.25 - 0.65 (6 - 17)	-	100 (30)	-	825 (250)
FCSM-28/9-A/U	#2 - 4/0	0.40 - 0.95 (10 - 24)	-	65 (20)	-	495 (150)
FCSM-38/12-A/U	1/0 - 350	0.50 - 1.30 (13 - 33)	-	50(15)	-	395 (120)
FCSM-51/16-A/U	250 - 500	0.70 - 1.75 (18 - 44)	-	40 (12)	-	330 (100)
FCSM-68/22-A/U	600 - 1000	0.95 - 2.30 (25 - 58)	-	80 (24)	-	-
FCSM-90/30-1500/U	800 - 1200	1.30 - 3.10 (33 - 79)	60 (1500)	-	5	-
FCSM-120/40-1500/U	1500 - 2500	1.75 - 4.10 (44 - 104)	60 (1500)	-	5	-
FCSM-177/63-1500/U	-	2.75 - 6.05 (70 - 154)	60 (1500)	-	5	-

* Dimension values provided are typical. Related test reports: EDR-5133, EDR-5134, EDR-5141

ORDERING INFORMATION

1. Select the appropriate catalog number based on typical dimensions for low-voltage insulated cable. Confirm selection with cable dimensions to assure proper sizing.
2. Connectors or lugs not included.
3. If sealing is needed with uncoated FCSM tubing (-/U), order S-1052 separately.
4. Tubing may be field-cut for shorter requirements.
5. Bulk packaging is available for cut-lengths Contact your TE Connectivity representative for additional information.

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