



C_WCSM_tubing

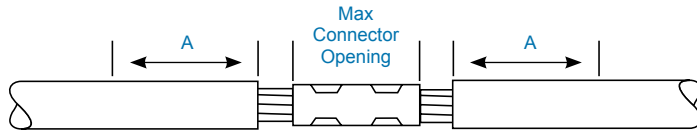
Raychem WCSM Tubing Heavy-Wall Sealant Coated Tubing (1000 V)

- For use on standard poly or elastomeric insulated / jacketed cable or lead-jacketed cables, which may include aluminum or steel armoring.
- WCSM tubing can be used to seal an in-line splice or terminal lug seal for non-flame retardant applications, cable re-jacketing and mechanical protection.
- WCSM tubing sizes 12-3 through 70-20 is UL and cUL listed per 486D (file E91151).
- Qualified to ANSI C119.1 and rated to Western Underground guide 2.5. Also RUS accepted for use as a secondary tap or splice cover, and for use as jacket restoration materials on JCN cable.
- WCSM tubing may be used for jacket repair on cables up to 35kV.
- WCSM tubing has a 4:1 shrink ratio and an unlimited shelf life when stored under normal conditions.

Note: UL listing applies to WCSM 12/3 through 70/20 only. WCSM 110/30 and 130/35 have not been evaluated to the UL standards. WCSM is no longer offered as an uncoated option. You can substitute either WCSM coated or MWTM uncoated depending on which will work for your application.

Selection Information: dimensions in inches (millimeters)

Catalog Number Tubing Size	1000 V Cable Nominal Use Range AWG/kcmil		Maximum Connector OD	UL Conductor Use Range Min-Max	General Conductor Use Range Min-Max	Maximum Connector Opening "A"	Minimum Seal Length per Side
	Min	Max					
WCSM-12/3-150-S	#14	#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	2.4	1.5
WCSM-12/3-300-S	#14	#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	7.8	1.5
WCSM-12/3-1200-S	#14	#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	39.3	1.5
WCSM-16/4-150-S	#8	#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	1.4	2
WCSM-16/4-300-S	#8	#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	6.8	2
WCSM-16/4-1200-S	#8	#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	38.3	2
WCSM-24/6-150-S	#6	#4/0	0.69	.25-.64 (6.5-16.5)	.25-.86 (6.5-22)	1.4	2
WCSM-24/6-225-S	#6	#4/0	0.69	.25-.64 (6.5-16.5)	.25-.86 (6.5-22)	3.96	2
WCSM-24/6-300-S	#6	#4/0	0.69	.25-.64 (6.5-16.5)	.25-.86 (6.5-22)	6.8	2
WCSM-24/6-1200-S	#6	#4/0	0.69	.25-.64 (6.5-16.5)	.25-.86 (6.5-22)	38.3	2
WCSM-34/8-150-S	#2	500	1.06	.35-.94 (9-24)	.35-1.22 (9-31)	1.4	2
WCSM-34/8-200-S	#2	500	1.06	.35-.94 (9-24)	.35-1.22 (9-31)	3.02	2
WCSM-34/8-225-S	#2	500	1.06	.35-.94 (9-24)	.35-1.22 (9-31)	3.96	2
WCSM-34/8-300-S	#2	500	1.06	.35-.94 (9-24)	.35-1.22 (9-31)	6.8	2
WCSM-34/8-1200-S	#2	500	1.06	.35-.94 (9-24)	.35-1.22 (9-31)	38.48	2
WCSM-48/12-150-S	#2/0	750	1.3	.51-1.12 (13-28.5)	.51-1.73 (13-44)	1.4	2
WCSM-48/12-225-S	#2/0	750	1.3	.51-1.12 (13-28.5)	.51-1.73 (13-44)	3.96	2
WCSM-48/12-300-S	#2/0	750	1.3	.51-1.12 (13-28.5)	.51-1.73 (13-44)	6.8	2
WCSM-48/12-1200-S	#2/0	750	1.3	.51-1.12 (13-28.5)	.51-1.73 (13-44)	38.3	2
WCSM-56/16-225-S	250	1000	1.5	.68-1.27 (17.5-32.5)	.70-1.96 (17.5-50)	3.96	2
WCSM-56/16-300-S	250	1000	1.5	.68-1.27 (17.5-32.5)	.70-1.96 (17.5-50)	6.62	2
WCSM-56/16-1200-S	250	1000	1.5	.68-1.27 (17.5-32.5)	.70-1.96 (17.5-50)	38.3	2
WCSM-70/20-300-S	500	1500	1.84	.92-1.40 (22-35.8)	.86-2.48 (22-63)	5.8	2.5
WCSM-70/20-450-S	500	1500	1.84	.92-1.40 (22-35.8)	.86-2.48 (22-63)	10.93	2.5
WCSM-70/20-600-S	500	1500	1.84	.92-1.40 (22-35.8)	.86-2.48 (22-63)	16.26	2.5
WCSM-70/20-1200-S	500	1500	1.84	.92-1.40 (22-35.8)	.86-2.48 (22-63)	37.3	2.5
WCSM-110/30-300-S	1250	2000	-	-	1.29-3.93 (33-100)	-	2.5
WCSM-110/30-1200-S	1250	2000	-	-	1.29-3.93 (33-100)	-	2.5
WCSM-130/35-300-S	1500	2500	-	-	1.49-4.64 (39-118)	-	2.5
WCSM-130/35-450-S	1500	2500	-	-	1.49-4.64 (39-118)	-	2.5
WCSM-130/35-1200-S	1500	2500	-	-	1.49-4.64 (39-118)	-	2.5



Ordering Information

1. Select the appropriate catalog number based on typical dimensions for low-voltage insulated cable. Confirm selection with dimensions to assure proper sizing. For general conductor use or UL conductor use.”
2. Package does not contain connectors or lugs. Installed connector or lug diameter must be within use range.
3. WCSM tubing may be field-cut for shorter requirements
4. Bulk packaging is available for cut lengths. Consult your TE representative for more information.
5. UL listing applies to WCSM 12/3 through 70/20 only. WCSM 110/30 and 130/35 are not UL listed.
6. Related test reports: EDR 5541, PII 56428

For connector information refer to the Connectors and Terminals section of this catalog.



Wire Connector System for Use
With Underground Connectors
96J4