



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	800	2000	-	-	1.29-3.93 (33-100)	-	2.5
WCSM-110/30-1200-S	800	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