

WCSM Heavy-Wall Sealant Coated Tubing

FEATURES

- 4:1 shrink ratio
- UL and cUL listed per 486D (file E91151) for sizes 12/3 through 70/20.
- Qualified to ANSI C119.1 and rated to Western Underground guide 2.5.
- RUS accepted for use as a secondary tap or splice cover, and for use as jacket restoration materials on JCN cable.

APPLICATIONS

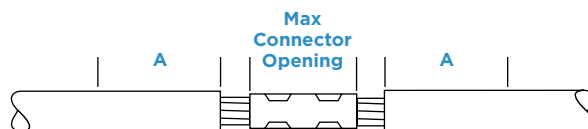
- TE's Raychem WCSM tubing seals an in-line splice or terminal lug seal for non-flame retardant applications, cable re-jacketing and mechanical protection.
- Jacket repair on cables up to 35 kV.
- For use on standard poly or elastomeric insulated / jacketed cable or lead-jacketed cables, which may include aluminum or steel armoring.
- Can be used for electrical insulation of cables up to 1000V

BENEFITS

- ♦ Designed to Match Cable Performance
- ♦ Range Taking
- ♦ Conforms to Substrate
- ♦ Smallest Installed Profile
- ♦ Quick Installation
- ♦ Unlimited Shelf Life
- ♦ Cut to Length at Job Site



Wire Connector System for use with Underground Connectors 96J4



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	1000V Cable Nominal Use Range AWG/kcmil (min-max)	Maximum Connector O.D.	UL Conductor Use Range (min-max)	General Conductor Use Range (min-max)	Max Connector Opening	Min Seal Length per Side (A)
WCSM-12/3-150-S	#14-#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	2.9	1.5
WCSM-12/3-300-S	#14-#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	8.8	1.5
WCSM-12/3-1200-S	#14-#6	0.29	.13-.30 (3.5-7.7)	.13-.39 (3.5-10)	44.2	1.5
WCSM-16/4-150-S	#8-#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	1.9	2
WCSM-16/4-300-S	#8-#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	7.8	2
WCSM-16/4-1200-S	#8-#2	0.41	.17-.41 (4.5-10.5)	.17-.55 (4.5-14)	43.2	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

ADDITIONAL PRODUCT INFORMATION

- 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.
- Package does not contain connectors or lugs. Installed connector or lug diameter must be within use range.
- TE's Raychem WCSM tubing may be field-cut for shorter requirements
- Bulk packaging is available for cut lengths. Consult your TE representative for more information.
- UL listing applies to WCSM-12/3 through -70/20 only. WCSM-110/30 and -130/35 are not UL listed.
- Related test reports: EDR 5541, UL 486D test report: EDR 5139, UV resistant test report: EDR-5361

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

