HEAT SHRINK TUBING WCSM

THICK-WALL LOW VOLTAGE INSULATION AND OUTER SEALING TUBING

KEY FEATURES

- High electrical characteristics and mechanical strength for low voltage applications
- Thick-wall, cross-linked polyolefin. UV stabilized against irradiation and weathering
- Halogen and silicon-free material content, non-corrosive, non-toxic, free of lead and aluminium
- Available inline coated with hot melt adhesive or uncoated
- Color black, 4:1 shrink ratio
- Unlimited shelf-life

TE Connectivity's (TE) Raychem WCSM heat shrink thick-wall tubing is designed for insulation on low voltage cable accessories, as well as for sealing, protection and rejacketing on low, medium and high voltage cables and cable accessories. With this tubing type, the electrical and physical properties of cable oversheath and core insulation of low voltage cables are combined with ruggedness and easy installation.

On application of heat, TE's Raychem WCSM tubing shrinks to the original smaller extruded diameter, fitting tightly over a wide range of cable sizes and cable accessories because of its high shrink ratio. At the same time the tubing's inner sealant wall gives a reliable moisture seal over even the most irregular shapes.

The WCSM tubing is also used in sealing against moisture of cable splice and mechanical protection for outer rejacketing of low up to high voltage applications. The WCSM tubing's mechanical strength enables immediate back-filling of cable trenches after jointing.

The material content of the WCSM tubing is halogen-free and stabilized against UV irradiation. The WCSM tubing has proven its long-term reliability in harsh climatic conditions and in polluted environments and has an unlimited shelf-life when stored under normal conditions.

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

Compliant to RoHS and REACH regulations.
Approved for offshore applications.

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Description	1000V Cable Nominal Use Rage AWG/kcmil (min, max)	Maximum Connector OD	UL Conductor Use Range (min - max)	General Conductor Use Range (min - max)	Max Connector Opening "A"	Minimum Seal Length per Side
WCSM-12/3-150-S	#14, #6	0.29	0.13 - 0.30 (3.5 - 7.7)	0.13 - 0.39 (3.5 - 10)	2.4	1.5
WCSM-12/3-300-S	#14, #6	0.29	0.13 - 0.30 (3.5 - 7.7)	0.13 - 0.39 (3.5 - 10)	7.8	1.5
WCSM-12/3-1200-S	#14, #6	0.29	0.13 - 0.30 (3.5 - 7.7)	0.13 - 0.39 (3.5 - 10)	39.3	1.5
WCSM-16/4-150-S	#8, #2	0.41	0.17 - 0.41 (4.5 - 10.5)	0.17 - 0.55 (4.5 - 14)	1.4	2
WCSM-16/4-300-S	#8, #2	0.41	0.17 - 0.41 (4.5 - 10.5)	0.17 - 0.55 (4.5 - 14)	6.8	2
WCSM-16/4-1200-S	#8, #2	0.41	0.17 - 0.41 (4.5 - 10.5)	0.17 - 0.55 (4.5 - 14)	38.3	2
WCSM-24/6-150-S	#6, #4/0	0.69	0.25 - 0.64 (6.5 - 16.5)	0.25 - 0.86 (6.5 - 22)	1.4	2
WCSM-24/6-225-S	#6, #4/0	0.69	0.25 - 0.64 (6.5 - 16.5)	0.25 - 0.86 (6.5 - 22)	3.96	2
WCSM-24/6-300-S	#6, #4/0	0.69	0.25 - 0.64 (6.5 - 16.5)	0.25 - 0.86 (6.5 - 22)	6.8	2
WCSM-24/6-1200-S	#6, #4/0	0.69	0.25 - 0.64 (6.5 - 16.5)	0.25 - 0.86 (6.5 - 22)	38.3	2
WCSM-34/8-150-S	#2, 500	1.06	0.35 - 0.94 (9 - 24)	0.35 - 1.22 (9 - 31)	1.4	2
WCSM-34/8-200-S	#2, 500	1.06	0.35 - 0.94 (9 - 24)	0.35 - 1.22 (9 - 31)	3.02	2
WCSM-34/8-225-S	#2, 500	1.06	0.35 - 0.94 (9 - 24)	0.35 - 1.22 (9 - 31)	3.96	2
WCSM-34/8-300-S	#2, 500	1.06	0.35 - 0.94 (9 - 24)	0.35 - 1.22 (9 - 31)	6.8	2
WCSM-34/8-1200-S	#2, 500	1.06	0.35 - 0.94 (9 - 24)	0.35 - 1.22 (9 - 31)	38.48	2
WCSM-48/12-150-S	#2/0, 750	1.3	0.51 - 1.12 (13 - 28.5)	0.51 - 1.73 (13 - 44)	1.4	2
WCSM-48/12-225-S	#2/0, 750	1.3	0.51 - 1.12 (13 - 28.5)	0.51 - 1.73 (13 - 44)	3.96	2
WCSM-48/12-300-S	#2/0, 750	1.3	0.51 - 1.12 (13 - 28.5)	0.51 - 1.73 (13 - 44)	6.8	2
WCSM-48/12-1200-S	#2/0, 750	1.3	0.51 - 1.12 (13 - 28.5)	0.51 - 1.73 (13 - 44)	38.3	2
WCSM-56/16-225-S	250, 1000	1.5	0.68 - 1.27 (17.5 - 32.5)	0.70 - 1.96 (17.5 - 50)	3.96	2
WCSM-56/16-300-S	250, 1000	1.5	0.68 - 1.27 (17.5 - 32.5)	0.70 - 1.96 (17.5 - 50)	6.62	2
WCSM-56/16-1200-S	250, 1000	1.5	0.68 - 1.27 (17.5 - 32.5)	0.70 - 1.96 (17.5 - 50)	38.3	2
WCSM-70/20-300-S	500, 1500	1.84	0.92 - 1.40 (22 - 35.8)	0.86 - 2.48 (22 - 63)	5.8	2.5
WCSM-70/20-450-S	500, 1500	1.84	0.92 - 1.40 (22 - 35.8)	0.86 - 2.48 (22 - 63)	10.93	2.5
WCSM-70/20-600-S	500, 1500	1.84	0.92 - 1.40 (22 - 35.8)	0.86 - 2.48 (22 - 63)	16.26	2.5
WCSM-70/20-1200-S	500, 1500	1.84	0.92 - 1.40 (22 - 35.8)	0.86 - 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 - 40.64 (39 - 118)	-	2.5
WCSM-130/35-450-S	1500, 2500	-	-	1.49 - 40.64 (39 - 118)	-	2.5
WCSM-130/35-1200-S	1500, 2500	-	-	1.49 - 40.64 (39 - 118)	-	2.5

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