

Section 1: Heat Shrink Tubings

THIN WALL

ATUM	Thin Wall Tubing - with Adhesive (black)	6
DCPT	General Purpose Dual Colour (Yellow Green Stripe) Thin Wall Tubing	7
RNF	Mil Spec Thin Wall Tubing - without adhesive (Black and Colours)	8
HS	General Purpose Thin Wall Tubing - without adhesive (Black and Colours)	9

MEDIUM WALL

MWTM	General Purpose Medium Wall Tubing	10
NT	Flexible Neoprene Elastomeric Medium Wall Tubing	11

HEAVY WALL

WCSM	General Purpose Heavy Wall Tubing	12
XCSM	High Ratio Recovery Extra Heavy Duty Tubing	13
HF	Flexible Heavy Wall Tubing	14

HALOGEN FREE / NUCLEAR

FCSM	Flame Retardant Heavy Wall Tubing	15
WCSF	Flame Retardant Heavy Wall Tubing for Nuclear Environments	16
ZCSM	Halogen Free Heavy Wall Tubing	17

High Shrink Ratio, Adhesive Lined Polyolefin Tubing

ATUM

Features

- 3:1 and 4:1 shrink ratios allow for connector-to-cable sealing
- Tubing environmentally seals and protects components and interconnections
- Medium wall provides increased mechanical protection
- The adhesive in ATUM tubing bonds to a wide variety of plastics, rubbers, and metals, including polyethylene, aluminium, steel, and copper
- RoHS compliant
- Standard length 1200mm stick

Applications

Environmentally seals and protects a wide variety of electrical applications, including back end connector sealing, breakouts, and connector-to-cable transitions. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.

Installation

Minimum shrink temperature: 80°C

Minimum full recovery temperature: 110°C

Operating Temperature Range

-55°C to 110°C



Specifications/Approvals

Series	UL**	Military	Raychem
ATUM	E85381 600V, 110°C	AMS-DTL-23053/4,* Class 3	RW-2063 - Black RK-6024 - Colours and clear

*Formerly MIL-I-23053/4 and MIL-DTL-23053/4. Sizes 3/1, 6/2, 12/4, 24/8, and 40/13 only.

**Black only, except sizes 3/1 and 4/1.

Catalogue Reference	Inside Diameter		Recovered Wall Thickness**	
	Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating	Adhesive Wall after Heating (Nominal)
	(mm)	(mm)	(mm)	(mm)
ATUM-3/1-0-STK	3	1	1.00 ± 0.28	0.5
ATUM-4.5/1.5-0-STK	4.5	1.5	1.10 ± 0.25	0.5
ATUM-6/2-0-STK	6	2	1.00 ± 0.28	0.5
ATUM-9/3-0-STK	9	3	1.40 ± 0.28	0.61
ATUM-12/4-0-STK	12	4	1.78 ± 0.38	0.76
ATUM-19/6-0-STK	19	6	2.25 ± 0.55	0.76
ATUM-24/8-0-STK	24	8	2.54 ± 0.55	1.02
ATUM-40/13-0-STK	40	13	2.54 ± 0.55	1.02
ATUM-4/1-0-STK	4	1	1.00 ± 0.28	0.5
ATUM-8/2-0-STK	8	2	1.00 ± 0.28	0.5
ATUM-12/3-0-STK	12	3	1.40 ± 0.28	0.61
ATUM-16/4-0-STK	16	4	1.78 ± 0.38	0.76
ATUM-24/6-0-STK	24	6	2.25 ± 0.55	0.76
ATUM-32/8-0-STK	32	8	2.54 ± 0.55	1.02
ATUM-52/13-0-STK	52	13	2.54 ± 0.55	1.02

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

For supply to MIL spec, add -MS to ordering description

Flexible, Flame Retardant, Dual Colour, Polyolefin Tubing

DCPT

Features

- 2:1 and 3:1 shrink ratio
- Dual colours (yellow/green) for instant identification
- Co-extrusion of tubing colours, giving colour permanence superior to that of conventional ink marking
- Flame retardant
- Flexibility: able to conform to irregular shapes
- Excellent physical, chemical, and electrical properties that meet industry standards for highly reliable, general purpose tubing
- RoHS compliant

Applications

Used to identify “earth” on wires and in cables, and to jacket and insulate light-duty harnesses. Easily marked by conventional techniques for additional identification of wires and cables.

Installation

Minimum shrink temperature: 95°C

Minimum full recovery temperature: 120°C

Operating Temperature Range

-55°C to 135°C



Specifications/Approvals

Series	UL	CSA	Military	Raychem
DCPT	E35586 600V, 125°C	LR31929 600V, 125°C	VG 95343 Pt 5 Type A	RW-2056

Catalogue Reference	Standard Length (spool)	Inside Diameter		Recovered Wall Thickness**
		Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating
	(m)	(mm)	(mm)	(mm)
DCPT-3/1.5-45-SP	300	3	1.5	0.51 3 0.10
DCPT-6/3-45-SP	150	6	3	0.58 3 0.10
DCPT-8/4-45-SP	150	8	4	0.64 3 0.10
DCPT-10/5-45-SP	150	10	5	0.64 3 0.10
DCPT-12/6-45-SP	150	12	6	0.64 3 0.10
DCPT-19/9-45-SP	150	19	9	0.76 3 0.12
DCPT-26/13-45-SP	60	26	13	0.89 3 0.12
DCPT-38/19-45-SP	60	38	19	1.00 3 0.12
DCPT-51/19-45-SP	30	51	19	1.02 3 0.15

**Wall thickness will be less if tubing recovery is restricted during shrinkage.
For supply to MIL spec, add -MS to ordering description

Flexible, Flame Retardant, Mil Spec, Polyolefin Tubing

RNF

Features

- 2:1 shrink ratio
- Superior abrasion and solvent resistance when compared with that of many flexible, general purpose polyolefin tubings
- Excellent physical, chemical, and electrical properties that meet or exceed industrial and military standards for highly reliable, general purpose tubing
- Flexible; conforms to irregular shapes
- Flame-retardant (colours only)
- RoHS compliant
- Available in 1200mm sticks (STK) or spools (SP)

Applications

Designed to provide superior mechanical (abrasion, cut through, and strain relief), thermal, and fluid resistance performance in demanding environments. Widely used to provide insulation and strain relief of wire terminations and connections. Used for jacketing wire bundles and to identify and colour code electrical connections and wire bundles.

Installation

Minimum shrink temperature: 95°C
Minimum full recovery temp: 121°C

Operating Temperature Range

-55°C to 135°C



Specifications/Approvals

Series	UL*	CSA	Military	Raychem
RNF-100 Type 1 (colours)	E35586 600V, 125°C	LR31929 600V, 125°C	AMS-DTL-23053/5*, Class 1 Def. Stan. 59-97 Type 2B	RT-350, Type 1 RK-6001
RNF-100 Type 2 (clear)	-	-	AMS-DTL-23053/5*, Class 2 VG 95343 Pt 5 Type B	RT-350, Type 1 RK-6001

*Formerly MIL-I-23053/5 and MIL-DTL-23053/5.

Catalogue Reference	Standard Length (spool)	Inside Diameter		Recovered Wall Thickness**
		Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating
	(m)	(mm)	(mm)	(mm)
RNF-100-3/64-colour code-(STK) or (SP)	300	1.2	0.6	0.45
RNF-100-1/16-colour code-(STK) or (SP)	300	1.6	0.8	0.45
RNF-100-3/ 32-colour code-(STK) or (SP)	150	2.4	1.2	0.50
RNF-100-1/8-colour code-(STK) or (SP)	150	3.2	1.6	0.50
RNF-100- 3/16 -colour code-(STK) or (SP)	150	4.8	2.4	0.50
RNF-100-1/4-colour code-(STK) or (SP)	75	6.4	3.2	0.65
RNF-100-3/8-colour code-(STK) or (SP)	121	9.5	4.8	0.65
RNF-100-1/2-colour code-(STK) or (SP)	90	12.7	6.4	0.65
RNF-100-3/4-colour code-(STK) or (SP)	60	19.0	9.5	0.76
RNF-100-1-colour code-(STK) or (SP)	60	25.4	12.7	0.89
RNF-100-1-1/4-colour code-(STK) or (SP)	30	32.0	16.0	1.02
RNF-100-1-1/2-colour code-(STK) or (SP)	91	38.0	19.0	1.02
RNF-100-2-colour code-(STK) or (SP)	30	51.0	25.4	1.15
RNF-100-3-colour code-(STK) or (SP)	15	76.0	38.0	1.25
RNF-100-4-colour code-(STK) or (SP)	15	102.0	51.0	1.40

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Standard colour Code	Clear	Black	Red	Yellow	Green	Blue	White
	X	0	2	4	5	6	9

Flexible, Flame Retardant, General Purpose Polyolefin Tubing

HS

Features

Made from Flame Retardant Polyolefin Material, EziShrink has excellent physical, chemical and electrical properties that meet industry standards for highly reliable heat shrink tubing.

Available in 1200mm sticks (STK) or spools (SP).

Applications

EziShrink Thin Wall Tubing is a high quality, heat shrinkable product for a variety of uses. It is the industry standard for insulation, strain relief, wire bundling and colour coding

in both commercial and military applications.

Installation

Minimum shrink temperature: 70°C

Operating Temperature Range

-55°C to 125°C



Specifications/Approvals

Series	UL
HS	E203950 600V, 125°C

Catalogue Reference	Standard Length (spool)	Inside Diameter		Recovered Wall Thickness**
		Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating
	(mm)	(mm)	(mm)	(mm)
HS-colour code-1.2/0.6-(STK) or (SP)	200	1.2	0.6	0.22
HS-colour code-1.5/0.8-(STK) or (SP)	200	1.5	0.8	0.28
HS-colour code-2/1-(STK) or (SP)	200	2	1	0.35
HS-colour code-3/1.5-(STK) or (SP)	200	3	1.5	0.40
HS-colour code-4/2-(STK) or (SP)	200	4	2	0.50
HS-colour code-6/3-(STK) or (SP)	100	6	3	0.55
HS-colour code-10/5-(STK) or (SP)	100	10	5	0.60
HS-colour code-12/6-(STK) or (SP)	100	12	6	0.60
HS-colour code-20/10-(STK) or (SP)	100	20	10	0.80
HS-colour code-25/12-(STK) or (SP)	50	25	12	0.90
HS-colour code-30/15-(STK) or (SP)	50	30	15	0.90
HS-colour code-40/20-(STK) or (SP)	50	40	20	1.00
HS-colour code-50/25-(STK) or (SP)	25	50	25	1.00
HS-colour code-80/40-(STK) or (SP)	25	80	40	1.46
HS-colour code-100/50-(STK) or (SP)	25	100	50	1.46

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Standard colour Code	Black	Red	Yellow	Green	Blue	White	Green / Yellow
	BK	RD	YO	GN	BU	WH	G/Y

Heat Shrinkable, Halogen Free, Medium Wall Insulating Tubing

MWTM

Features

Raychem MWTM tubing is fast and easily installed, and has proven its long term reliability in harsh climatic conditions and polluted environments.

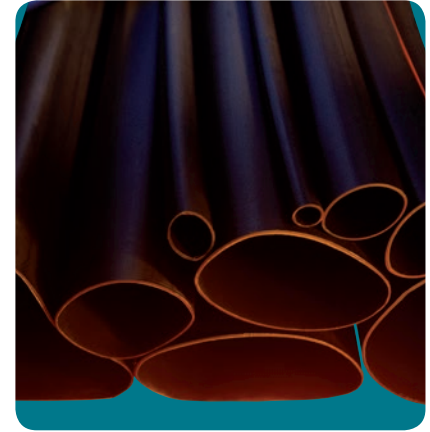
Appropriate to the particular application, our MWTM tubing is available with an inner sealant wall, which melts and flows under the heat and shrinking action of installation. This makes it suitable for either cable oversheath replacement and sealing, or uncoated as an insulating material. The shelf life restrictions usually associated with tapes and resins do not apply, and the completed installation may be taken into service at once.

Lengths

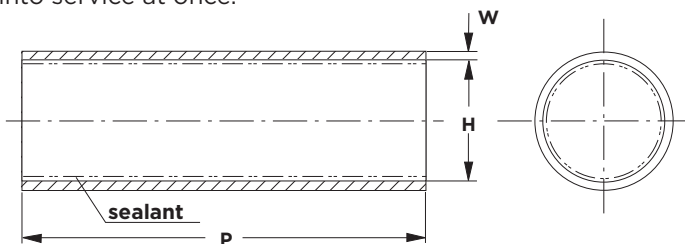
All sizes types are available in the standard lengths: 1000 mm and 1500 mm. Spools and other lengths on request. All lengths subject to standard cutting tolerances.

Coatings

Raychem tubing MWTM is available with or without an inner sealant wall. The sealant exhibits excellent bonding and sealing characteristics to all materials commonly used in the various cable insulation and sheath constructions, such as plastic, rubber, lead and aluminium.



MWTM-25/8-1200/S



Product type

Size

Standard length

/S = sealant or

/U without sealant

Catalogue Reference	Application Range		H		W	
	from	to	as supplied	after free recovery	as supplied	after free recovery
	(mm)	(mm)	min	max	nom	min
MWTM-10/3	3.5	9.0	10	3	0.3	1.0
MWTM-16/5	5.5	14.5	16	5	0.3	1.4
MWTM-25/8	9.0	22.5	25	8	0.4	2.0
MWTM-35/12	13.0	31.5	35	12	0.4	2.0
MWTM-50/16	18	45	50	16	0.5	2.0
MWTM-63/19	21	57	63	19	0.6	2.4
MWTM-75/22	24	68	75	22	0.6	2.7
MWTM-85/25	28	77	85	25	0.6	2.8
MWTM-95/29	32	86	95	29	0.7	3.1
MWTM-115/34	37	104	115	34	0.7	3.1
MWTM-140/42	46	126	140	42	0.7	3.1
MWTM-160/50	55	144	160	50	0.7	3.2
MWTM-180/60	66	162	180	60	0.7	3.2
MWTM-245/80 *	88	220	245	80	n.a.	2.4
MWTM-285/135 *	149	255	285	135	n.a.	1.4

* uncoated only

Flexible, General Purpose Medium Wall Elastomeric Tubing

NT

Features

- Remains flexible at temperatures as low as -55°C [-67°F]
- Offers good resistance to abrasion and physical abuse while providing the flexibility and strain relief needed in general purpose harnessing applications
- Resistant to most common fluids and solvents
- RoHS compliant

Applications

Widely used for insulation, strain relief, and abrasion protection on cable harnesses and wire bundles in the commercial electronics industries where a reliable general-purpose tubing is needed. Suitable for applications requiring some exposure to common fluids and solvents.

Installation

Min shrink temp: 90°C

Min full recovery temp: 135°C

Operating Temperature Range

-55°C to 90°C



Specifications/Approvals

Series	Raychem
NT	RT-510

Catalogue Reference	Standard Length (spool)	Inside Diameter		Recovered Wall Thickness**
		Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating
	(M)	(mm)	(mm)	(mm)
NT-1/8-0	30	3.2	1.6	0.69 ± 0.20
NT-3/16-0	30	4.8	2.5	0.84 ± 0.25
NT-1/4-0	30	6.4	3.6	0.89 ± 0.25
NT-3/8-0	30	9.5	5.5	1.01 ± 0.25
NT-1/2-0	30	12.7	7.3	1.21 ± 0.38
NT-5/8-0	30	15.9	9.1	1.32 ± 0.38
NT-3/4-0	30	19.1	10.9	1.44 ± 0.38
NT-7/8-0	30	22.2	12.7	1.65 ± 0.38
NT-1-0	30	25.4	14.5	1.77 ± 0.51
NT-1-1/4-0	30	31.8	18.1	2.20 ± 0.51
NT-1-1/2-0	30	38.1	21.8	2.41 ± 0.51
NT-1-3/4-0	30	44.5	25.4	2.71 ± 0.51
NT-2-0	30	50.8	29	2.79 ± 0.51
NT-3-0	30	76.2	43.4	3.17 ± 0.51
NT-4-0	30	101.6	57.9	3.55 ± 0.51

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Heat Shrinkable Halogen Free Heavy Wall Insulating Tubing

WCSM

Raychem WCSM is a heat shrinkable heavy wall tubing for insulating and sealing power cables and accessories. In this tubing, the electrical and physical properties of a cable oversheath material are combined with ruggedness and easy installation.

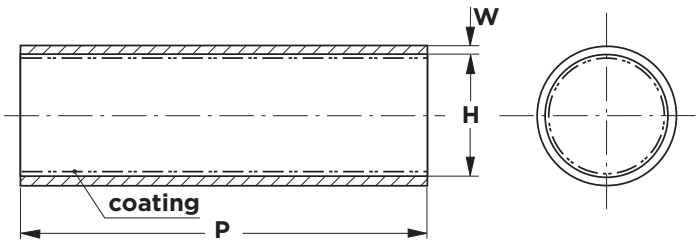
Raychem WCSM's mechanical strength enables immediate back filling of cable trenches after jointing. Widely used to insulate, protect and seal power cable joints, accessories and electrical connections, it is one result of our extensive capability in materials technology. The material used is halogen-free and UV resistant.

Lengths

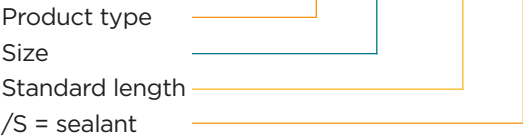
All sizes are available in the standard lengths: 1000 mm and 1500 mm.

Sealant

Raychem tubing WCSM are coated with an inner sealant wall. The sealant exhibits excellent bonding and sealing characteristics to all materials commonly used in the various cable insulation and sheath constructions, such as plastic, rubber, lead, and aluminium.



WCSM-34/8-1200/S



Catalogue Reference	Application Range		H		W	
	to	from	as supplied	after free recovery	as supplied	after free recovery
	(mm)	(mm)	min	max	nom	min
WCSM-12/3	10	3.5	12	3	0.8	2.0
WCSM-16/4	14	4.5	16	4	0.9	2.4
WCSM-24/6	22	6.5	24	6	1.0	2.7
WCSM-34/8	31	9	33	8	1.3	4.0
WCSM-48/12	44	13	48	12	1.5	4.5
WCSM-56/16	50	17.5	56	16	1.5	4.4
WCSM-70/20	63	22	70	20	1.4	4.4
WCSM-90/25	81	27	90	25	1.3	4.3
WCSM-110/30	100	33	110	30	1.2	4.3
WCSM-130/35	118	38	130	35	1.2	4.3
WCSM-160/50	144	55	160	50	1.0	4.3
WCSM-180/50	162	55	180	50	1.0	4.3
WCSM-200/50	180	55	200	50	n.a.	4.3
WCSM-250/65	225	70	250	65	n.a.	4.3
WCSM-320/95	295	105	320	95	n.a.	4.3
WCSM-390/110	350	125	390	110	n.a.	4.3

High Performance, Thick Wall, Heat Shrinkable Tubing

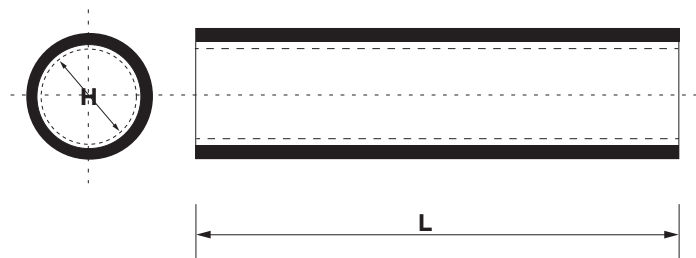
XCSM

- High recovery ratio reducing the number of sizes and inventory costs
- UV stabilised material suitable for aerial and underground applications
- Used where maximum reliability is required, submersible, direct buried installations
- Internally coated with hot melt adhesive or mastic both giving high corrosion and mechanical performance

Lengths

All sizes are available in the standard lengths:

- 250mm
- 500mm
- 750mm
- 1000mm
- 1500mm



XCSM-85/22-1500/S

Product type
Size
Standard length
/S = sealant

Catalogue Reference	Inside Diameter	
	Min Expanded as Supplied	Max Recovered after Heating
	(mm)	(mm)
XCSM-23/6	23	6
XCSM-30/8	30	8
XCSM-44/12	44	12
XCSM-55/18	55	18
XCSM-85/22	85	22
XCSM-115/30	115	30
XCSM-130/41	130	41
XCSM-160/55	160	55
XCSM-178/60	178	60

High Flex Heavy Wall Heat Shrinkable Tubing

HF

Features

- Offers high flexibility
- Provides excellent insulation and abrasion protection, per U.S. Mine Safety and Health Administration (MSHA) regulations
- Flame-retardant
- RoHS compliant

Applications

Developed for cable jacketing applications where cable flexibility is important, high flex (HF) tubing is good for jacketing cables where sharp bends or turns are required. Also suitable for situations where the cable is subject to motion. Such situations are common for industrial machinery, transportation

equipment, robotics, welding, and many other cabling applications. To complete the cable jacket seal, the ends may be sealed for further water and corrosion protection by using available tape sealant or adhesive.

Installation

Min shrink temp: 80°C

Min full recovery temp: 121°C

Operating Temperature Range

-55°C to 90°C

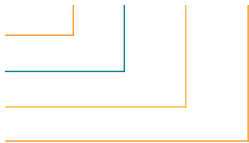
Lengths

All sizes types are available in the standard length of 7500 mm. Other lengths on request.



HF-17 FRX 25

Product type
Size
Flame retardant
Length:
7500mm



Catalogue Reference	Standard Length (spool)	Inside Diameter		Recovered Wall Thickness**
		Min Expanded as Supplied	Max Recovered after Heating	Total Wall after Heating
	(mm)	(mm)	(mm)	(mm)
HF-04FRX25	7500	10	4	1.52
HF-07FRX25	7500	19	6	1.52
HF-11FRX25	7500	28	10	2.67
HF-13FRX25	7500	33	10	2.67
HF-15FRX25	7500	38	13	3.05
HF-17FRX25	7500	43	13	3.05
HF-20FRX25	7500	51	19	3.56
HF-27FRX25	17500	69	23	3.94

Heat Shrinkable Flame Retarded Heavy Wall Tubing

FCSM

Raychem FCSM heat shrinkable tubing is a tough electrical insulating material which combines flame retarded properties with flexibility, abrasion resistance and a rapid installation technique.

This combination of features has led FCSM tubing to be used in a wide range of demanding applications, in particular to insulate, to protect and to seal flexible cable joints, accessories and connections. Installation is effected by heating above 125°C, which causes the tubing to shrink in diameter while retaining its form. For sealing and corrosion protection purposes, FCSM tubing can be supplied

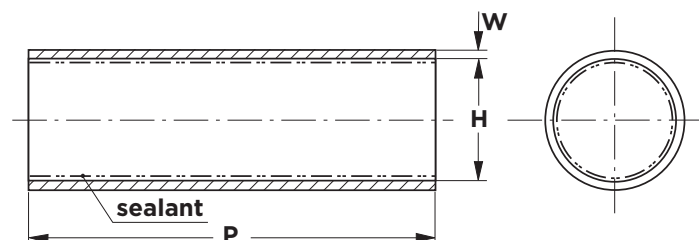
internally precoated with a sealant liner which melts, flows and bonds as the tubing shrinks.

Lengths

All sizes are available in the standard lengths: 1000 mm and 1500 mm.

Sealant

FCSM tubing is available with or without an inner sealant wall. The sealant exhibits excellent bonding and sealing characteristics to all materials commonly used in the various cable insulation and sheath constructions, such as plastic, rubber, lead and aluminium.



FCSM-68/22-1500/S

Product type _____
 Size _____
 Standard length _____
 /S = sealant or _____
 /U = without sealant

Catalogue Reference	Application Range		H		W	
	from	to	as supplied	after free recovery	as supplied	after free recovery
	(mm)	(mm)	min	max	nom	min
FCSM-9/3	3.5	8.0	9	3	0.6	2.0
FCSM-19/6	6.5	17.0	19	6	0.7	2.4
FCSM-28/9	10	25.0	28	9	0.8	3.2
FCSM-38/12	13	34.0	38	12	1.0	4.1
FCSM-51/16	17.5	46.0	51	16	1.0	4.1
FCSM-68/22	24	61.0	68	22	1.0	4.1
FCSM-90/30	33	81.0	90	30	1.0	4.1
FCSM-120/40	44	108.0	120	40	1.0	4.1
FCSM-177/63	96	159.0	177	63	1.0	4.1

Heat Shrinkable Heavy Wall Flame Retarded Tubing for Nuclear Environments

WCSF

Raychem WCSF tubing is a heavy wall, flame retarded, heat shrinkable tubing. It is precoated with a hot melt, radiation resistant adhesive to provide a positive environmental seal. It is designed for electrical insulating up to 1000 V and general purpose sealing applications where flame retardancy, radiation resistance and severe environmental performance are required.

WCSF tubing is suitable for a wide range of jointing or connection applications for Class 1E wire and cable systems in accordance with IEEE 383. Each connection

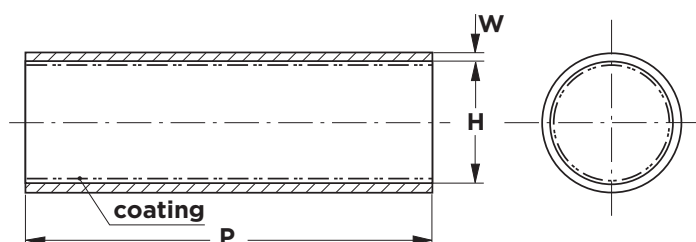
is individually insulated and sealed. Additionally, the sleeves can also be used for a wide range of related applications including sealing, oversheath replacement and strain relief throughout the plant. They can also be supplied as kits of components for specific applications.

WCSF tubing is already qualified for a 60 year service life to take into account the requirements of the third generation of nuclear power plants



WCSF-70/2-1000/S

Product type
Size
Standard length
/U = Uncoated or
/N = Adhesive Coated



Catalogue Reference	Standard Cut Length	Length on Spool (uncoated only)	Application Range		H		W	Note
			from	to	as supplied	after free recovery	as supplied	
	(mm)	(metre)	(mm)	(mm)	min	max	min	
WCSF-050-3/1	1000	30	1.3	1.8	3.3	1.3	0.9	1) 2) 3)
WCSF-070-6/2	1000	30	1.8	4.4 (3.6)*	6.4	1.8	1.9	1) 2)
WCSF-115-9/3	1000	30	2.9	7.3 (5.8)*	8.9	2.9	2.2	1) 2)
WCSF-200-18/5	1000	30	5.1	12.7 (10.2)*	17.8	5.1	2.5	1) 2)
WCSF-300-28/8	1000	15	7.9	19 (15.2)*	27.9	7.6	3.8	1)
WCSF-500-38/13	1000	15	14	32	38.1	12.7	4.3	1)
WCSF-650-50/17	1000	12	18	41	50.8	16.5	4.3	1)
WCSF-1000-76/26	1000	9	28	64	76.2	25.4	4.3	
WCSF-1500-114/38	1000	9	43	97	114.3	38.1	4.3	
WCSF-2500-177/63	1000	9	70	159	177.8	63.5	4.3	

() * Maximum use range over bolted connections.

1) Fibreglass bolt pads are required for bolted connections in all cases. Recommended bolt pad is EPPA-109N sized as needed.

2) These tubings can be used as splice insulation sleeve and are qualified with 25 mm seal length. All others require 50 mm seal length.

3) When used as a shim or small wire jacketing the use range of WCSF-050-3/1-/N is 1.3 – 2.5 mm.

Heat Shrinkable, Halogen Free, Heavy Wall Tubing for Low Fire Hazard Areas

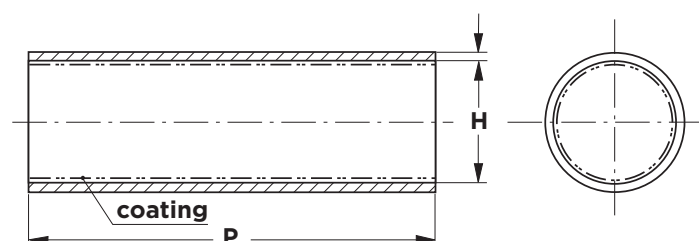
ZCSM

We have developed a range of halogen free, thick wall tubing for use in cable accessories and as insulating tubing in hazardous areas where very high material specifications are required.

Lengths

All sizes are available in the standard lengths:

- 1000mm
- 1500mm



ZCSM-85/22-1500/S

Product type

Size

Standard length

/S = sealant

Catalogue Reference	Application Range		H		W	
	from	to	as supplied	after free recovery	as supplied	after free recovery
	(mm)	(mm)	min	max	nom	min
ZCSM-8/3	3.5	7.0	8	3	0.6	2.0
ZCSM-16/5	5.5	14.5	16	5	0.7	2.4
ZCSM-24/8	9.0	21.5	24	8	0.9	2.9
ZCSM-32/12	13.0	29.0	32	12	1.0	4.0
ZCSM-45/16	17.5	40.5	45	16	1.0	4.0
ZCSM-60/22	24.0	54.0	60	22	1.0	4.0
ZCSM-70/25	27.5	63.0	70	25	1.0	4.0
ZCSM-85/36	39.5	76.5	85	36	1.0	4.0
ZCSM-120/50	55.0	108.0	120	50	1.0	4.2
ZCSM-180/75	82.5	162.0	180	75	1.0	4.2