

General purpose heat-shrinkable polyolefin insulation tubing

EN-CGAT

Thin-wall, heat-shrinkable tubing

Application

General electrical insulation, sealing and corrosion protection purposes.
The tubing is coated with an inner sealant wall and it is weathering and UV-resistant.



Features

Shrink-ratio: 3:1
Temperature range: - 40 °C to +80 °C
Colour: black
Delivery form: on spools, adhesive coated

Recommended application diameter (mm)		Ordering description	Dimension (mm)		W
min.	max.		D a (min.)	b (max.)	b (min.)
1,1	2,0	EN-CGAT- 3/ 1-0-SP	3	1	1,00
2,2	4,0	EN-CGAT- 6/ 2-0-SP	6	2	1,00
3,3	7,0	EN-CGAT- 9/ 3-0-SP	9	3	1,35
4,5	9,0	EN-CGAT-12/ 4-0-SP	12	4	1,50
7,0	16,0	EN-CGAT-18/ 6-0-SP	18	6	1,70
9,0	21,0	EN-CGAT-24/ 8-0-SP	24	8	1,95
14,5	36,0	EN-CGAT-39/13-0-SP	39	13	2,10

Halogen-free, heat-shrinkable polyolefin insulation tubing

WCSM

Thick-wall, halogen-free heat-shrinkable tubing

Application

General electrical insulation and sealing purposes. The tubing is 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.
The tubing is weathering and UV-resistant.



Features

Temperature range: - 50 °C to +90 °C
Dielectric strength: 170 kV/cm (1 mm wall)
120 kV/cm (2 mm wall)
Colour: black
Delivery form: 1 m cut lengths, adhesive coated

Recommended application diameter (mm)		Ordering description	Dimension (mm)		W	
min.	max.		D a (min.)	b (max.)	a (min.)	b (min.)
3,5	10	WCSM- 12/ 3-1000/S	12	3	0,8	2,0
4,5	14	WCSM- 16/ 4-1000/S	16	4	0,9	2,4
6,5	22	WCSM- 24/ 6-1000/S	24	6	1,0	2,7
9	31	WCSM- 34/ 8-1000/S	33	8	1,3	4,0
13	44	WCSM- 48/ 12-1000/S	48	12	1,5	4,5
17,5	50	WCSM- 56/ 16-1000/S	56	16	1,5	4,4
22	63	WCSM- 70/ 20-1000/S	70	20	1,4	4,4
27	81	WCSM- 90/ 25-1000/S	90	25	1,3	4,3
33	100	WCSM-110/ 30-1000/S	110	30	1,2	4,3
38	118	WCSM-130/ 35-1000/S	130	35	1,2	4,3
55	144	WCSM-160/ 50-1000/S	160	50	1,0	4,3
55	162	WCSM-180/ 50-1000/S	180	50	1,0	4,3
55	180	WCSM-200/ 50-1000/S	200	50	n.a.	4,3
70	225	WCSM-250/ 65-1000/S	250	65	n.a.	4,3
105	295	WCSM-320/ 95-1000/S	320	95	n.a.	4,3
125	350	WCSM-390/110-1000/S	390	110	n.a.	4,3

Note: Maximal longitudinal change after free recovery (+5 %; -10 %)

Halogen-free, heat-shrinkable polyolefin insulation tubing

MWTM

Medium-wall, halogen-free
heat-shrinkable tubing

Application

General electrical insulation, sealing and corrosion protection purposes. The tubing is available either 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. The tubing is weathering and UV-resistant.



Features

Temperature range:

- 40 °C to +120 °C (uncoated)
- 40 °C to + 90 °C (coated)

Dielectric strength:

200 kV/cm (1 mm wall)

Colour:

black

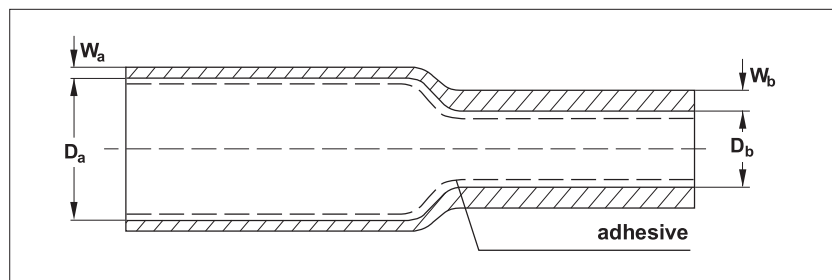
Delivery form:

1 m cut lengths, uncoated = 1000/U
1 m cut lengths, adhesive coated = 1000/S
on spools, uncoated only = A/U

Recommended application diameter (mm)		Ordering description		adhesive coated tubing	Dimension (mm)			
min.	max.	uncoated tubing*			D		W	
					a (min.)	b (max.)	a (min.)	b (min.)
3,5	9	MWTM- 10/	3-1000/U	MWTM- 10/ 3-1000/S	10	3	0,3	1,0
5,5	14,5	MWTM- 16/	5-1000/U	MWTM- 16/ 5-1000/S	16	5	0,3	1,4
9	22,5	MWTM- 25/	8-1000/U	MWTM- 25/ 8-1000/S	25	8	0,4	2,0
13	31,5	MWTM- 35/	12-1000/U	MWTM- 35/12-1000/S	35	12	0,4	2,0
18	45	MWTM- 50/	16-1000/U	MWTM- 50/16-1000/S	50	16	0,5	2,0
21	57	MWTM- 63/	19-1000/U	MWTM- 63/19-1000/S	63	19	0,6	2,4
24	68	MWTM- 75/	22-1000/U	MWTM- 75/22-1000/S	75	22	0,6	2,7
28	77	MWTM- 85/	25-1000/U	MWTM- 85/25-1000/S	85	25	0,6	2,8
32	86	MWTM- 95/	29-1000/U	MWTM- 95/29-1000/S	95	29	0,7	3,1
37	104	MWTM-115/	34-1000/U	MWTM-115/34-1000/S	115	34	0,7	3,1
46	126	MWTM-140/	42-1000/U	MWTM-140/42-1000/S	140	42	0,7	3,1
55	144	MWTM-160/	50-1000/U	MWTM-160/50-1000/S	160	50	0,7	3,2
66	162	MWTM-180/	60-1000/U	MWTM-180/60-1000/S	180	60	0,7	3,2
88	220	MWTM-245/	80-1000/U	-	245	80	n.a.	2,4
149	255	MWTM-285/	135-1000/U	-	285	135	n.a.	1,4

* Uncoated tubing is also available on spool (please use modification code –A/U instead of -1000/U in relevant ordering description).

Note: Maximal longitudinal change after free recovery (+5 %; -10 %).



Dimensions:

D: Diameter
D_a: Diameter as delivered
D_b: Diameter after free recovery
W: Wall-thickness
W_a: Wall-thickness as delivered
W_b: Wall-thickness after free recovery