



FCFW – HEAVY WALL CROSSLINKED POLYOLEFIN

Heavy wall heat shrink tubing insulates and protects electrical splices and terminations where maximum flame retardancy and exceptional insulating and sealing characteristics are required.

FEATURES AND BENEFITS

- Flame retardant
- UV Resistant
- High impact and abrasion resistance - capable of withstanding severe mechanical abuse of U.R.D., submersible and direct burial installations
- Optional thermoplastic adhesive liner provides complete environmental protection and insulation
- Rated for up to 2 kV
- Shrink ratio: 3:1
- Continuous operating temperature: -55°C to 110°C
- Shrink temperature: 120°C min.

STANDARDS

- UL 486D - UL file # E132914
- UL 94 V-0 - UL file # E167396
- CSA C22.2 No. 198.2
- IEC 60684-3-247
- ICEA S-19-81 and NEMA insulation thickness requirements
- QPL SAE AS23053/15, Class 1

TYPICAL APPLICATIONS

- Insulation of low voltage cables
- Flame retardant system



3:1
SHRINK RATIO

-55°C to 110°C
(-67°F to 230°F)
CONTINUOUS OPERATING
TEMPERATURE

MARKETS:

Mass Transit, Electrical, Industrial,
Solar

STANDARDS:



Heavy wall crosslinked polyolefin tubing

DIMENSIONS

ORDER NUMBER	EXPANDED		RECOVERED				APPLICATION RANGE		SINGLE CONDUCTOR SIZE	DELIVERY UNITS
	Internal Diameter (min) D		Internal Diameter (max) d		Total Wall Thickness (nom) W		General Use			Lengths
	MM	IN	MM	IN	MM	IN	MM	IN	AWG/MCM	1.22M / 48IN
0300	7.6	0.30	2.5	0.10	1.8	0.07	3.5 - 6	.15 - .25	#16 - #14	100
0350	8.9	0.35	3.0	0.12	1.8	0.07	3.5 - 8	.15 - .3	#14 - #10	100
0400	10.2	0.40	3.3	0.13	1.8	0.07	3.5 - 9	.15 - .35	#10 - #8	80
0500	13.0	0.51	4.1	0.16	2.0	0.08	4.5 - 11	.2 - .45	#8 - #6	70
0750	19.1	0.75	6.1	0.22	2.5	0.09	6.5 - 16.5	.25 - .65	#6 - #2	35
1100	27.9	1.10	8.9	0.35	3.0	0.12	10 - 24	.4 - .95	#1 - 3/0	75
1500	38.1	1.50	11.9	0.47	4.1	0.16	13 - 35	.5 - 1.4	2/0 - 350	40
2000	50.8	2.00	16.0	0.63	4.1	0.16	17.5 - 44	.7 - 1.75	250 - 500	25
2700	68.1	2.70	22.1	0.87	4.1	0.16	24 - 59	.95 - 2.3	600 - 1000	15
3500	89.9	3.54	29.9	1.18	4.1	0.16	33 - 80	1.3 - 3.1	800 - 1250	10
4700	119.9	4.72	39.9	1.57	4.2	0.17	44 - 104	1.75 - 4.1	1500 - 2500	10

Compliance for specific sizes may vary, please inquire for more details.



ORDERING

Select a dimension which will shrink snugly over the application to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
 - Colour: Black (BK) or red (RD)
 - Printing: Printed or unprinted
 - Adhesive Lining: Lined (D) or unlined (U)
 - Approval: Standard or QPL
- Please specify the product name, order number and options you require
- *Example:* FCFW, 1500, U, black, unprinted, 1.22 m length, QPL

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

FOR FURTHER INFORMATION, PLEASE CONTACT:

Americas: 800 422 6872

Canada: 800 845 6808

Asia Pacific: +86 512 82280099

Europe: +49 2226 9047 355

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