



FIRE SYSTEM SAVINGS

A SOLUTION TO THE HIGH COST OF FIRE IN ELECTRICAL CABLE SYSTEMS

The hidden and direct costs of hard wire fires prove the benefits of using DSG-Canusa FCFW Flame Retardant heat shrink tubes. There is an increasing need to use thermally stable material in electrical cable systems that can sustain extreme heat and emergency overload conditions without propagating flame. The requirement for flame retardancy is critical in operating environments where health and safety issues are of primary concern. An accidental explosion or the overheating of conductors or cables should not result in a fire or downtime of a key piece of electrical equipment. The safety of people, goods and facilities depends heavily on the reliability of cables to supply necessary energy, communications and security under any emergency condition whether it be in shipboard, mining, mass transit, power plant systems or applications.



PRODUCT NAME

FCFW

PRODUCT DESCRIPTION

Heavy Wall, Flame Retardant, Heat Shrink Tube, optional liner

APPLICATION

- Suitable for insulating and protecting LV electrical connectors and terminal blocks
- Protects against corrosion from acid fumes in battery cable applications. Also protects against oil, fuel, water, salt, grease and other chemicals
- Identifies cable polarity (Red: positive, Black: negative); cables are easier to route and troubleshoot
- Ideal for jacketing cables where abrasion resistance and electrical protection are required
- Use of fire retardant materials can aid in rescue activities and prevent injury to those involved in fire and evacuation efforts

ADVANTAGE

- Offers maximum flame retardancy
- Protects against chemical corrosion
- Offers colour coding for cable identification
- Offers strain relief between cable and connector
- Offers abrasion resistance - prevents cable and jacket fatigue caused by vibration

ADDITIONAL ATTRIBUTES

Offered with optional adhesive liner to provide complete environmental sealing and protection from moisture ingress

STANDARDS

UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides No. 2.4 and 2.5, MIL-DTL-23053/15 Class 1, IEEE 383 Vertical Flame Test, ANSI C37.20.2, ICEA and NEMA Insulation Thickness Requirements

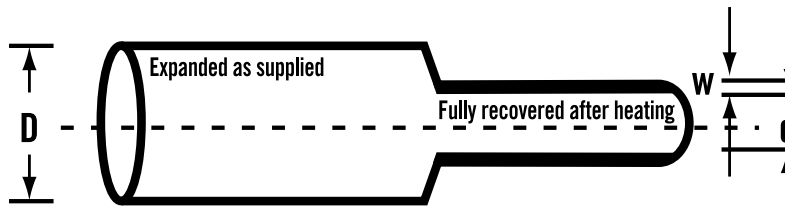
MARKET SEGMENT

Electrical, Industrial OEM, Utility, Military and Transportation

DIMENSIONS

ORDER REFERENCE NUMBER	EXPANDED		RECOVERED				APPLICATION RANGE FOR GENERAL USE		600/ 1000 V SINGLE CONDUCTOR SIZE	LENGTHS	
	INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)		MM	IN	AWG/MCM	M	FT
	MM	IN	MM	IN	MM	IN					
0350**	8.9	0.35	3.0	0.12	1.8	0.07	3.5 - 8	.15 - .3	#14 - #10	1.2	6,48
0500**	13.0	0.51	4.1	0.16	2.4	0.08	4.5 - 11	.2 - .45	#8 - #6	1.2	6,48
0750	19.1	0.75	6.1	0.24	2.5	0.09	6.5 - 16.5	.25 - .65	#6 - #2	1.2	9,12,48
1100	27.9	1.10	8.9	0.35	3.0	0.12	10 - 24	.4 - .95	#1 - 3/0	1.2	9,12,48
1500	38.1	1.50	11.9	0.47	4.1	0.16	13 - 35	.5 - 1.4	2/0 - 350	1.2	9,12,48
2000	50.8	2.00	16.0	0.63	4.1	0.16	17.5 - 44	.7 - 1.75	250 - 500	1.2	9,12,48
2700	68.1	2.70	22.1	0.87	4.1	0.16	24 - 59	.95 - 2.3	600 - 1000	1.2	12,18,48
3500*	89.9	3.54	30.0	1.18	4.1	0.16	33 - 80	1.3 - 3.1	800 - 1250	1.2	12,18,48
4700*	119.9	4.72	39.9	1.57	4.2	0.17	44 - 104	1.75 - 4.1	1500 - 2500	1.2	12,18,48

*FCFW 3500 and FCFW 4700 are not UL or CSA listed
 **Meets the material performance of MIL Spec only



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ORDERING

- Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.
- Please specify the product name plus the options you require.
- Standard Product: FCFW, 1500, black unprinted, unlined, 48 in lengths

OPTIONS

- Colour: Red
- Printing: Printed
- Lining: Lined

Please contact your Customer Service Representative for information on custom colours, sizes and lengths