

# Part # CFW-U

**Heavy Wall  
3 to 1 Ratio**



	Specification Reference
UL	● UL 486D - FILE E132914
VW-1	○
CSA	● CSA C22.2 No. 198.2
MIL Spec	○

**Replaces**  
No Equivalent Available

<b>Description</b>	CFW-U Heavy Wall, heat shrinkable tubing affords maximum reliability for insulating and sealing electrical connections and terminations, including direct burial, and URD.
<b>Uses</b>	Protection for splices connections, jacket repairs, and terminations.
<b>Operating Temp</b>	-55°C, to 110°C
<b>Shrink Temp</b>	120°C
<b>Standard Put-up</b>	Bag: 4 foot lengths, packaged in plastic bags.

	Property (units)	Test Method	Requirements
<b>Physical</b>	Tensile Strength (psi)	ASTM-D412	2100 MIN.
	Elongation (%)	ASTM-D412	600%
	Elongation after heat aging (%)	ASTM D2671	500%
	Heat shock (200°C, 4 Hrs.)	ASTM D2671	No Cracking
	Longitudinal change	ASTM D2671	+1%/-10%
<b>Electrical</b>	Dielectric strength (volts/mil)	ASTM-D149	500 MIN.
	Voltage rating of outer jacket	UL-486D	No Breakdown, 24kV-1 ,in 15kV-4hrs
	Volume resistivity (ohm-cm)	ASTM-D257	1.0 x 10 <sup>15</sup> MIN
<b>Chemical</b>	Fluid resistance (23°C, 24 Hrs.)	MIL-DTL-23053	Pass
	Water absorption (%)	ASTM D570	0.1 MAX.
	Copper corrosion	ASTM D2671	No Corrosion

**heatshrink.com**<sup>TM</sup>

## Wholesale Pricing on Full Spools/Bags

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Inside Diameter Before Shrinking (minimum)		Inside Diameter After Shrinking (maximum)	Post Shrink Wall Thickness	Full Bag Length	Price:	Color Selection												
mm	inches					mm (inches)	mm (inches)	in feet	per bag	per foot	BK	BR	RD	OR	YL	GN	BL	VI
								black	brown	red	orange	yellow	green	blue	violet	gray	white	clear
9.5	3/8 0.375	3.048 (0.120)	1.778 (0.070)	200	\$1,154.30 \$6.79	●	X	X	X	X	X	X	X	X	X	X	X	X
12.7	1/2 0.500	4.064 (0.160)	2.286 (0.090)	200	\$1,222.30 \$7.19	●	X	X	X	X	X	X	X	X	X	X	X	X
19.1	3/4 0.750	6.096 (0.240)	2.286 (0.090)	100	\$633.25 \$7.45	●	X	X	X	X	X	X	X	X	X	X	X	X
25.4	1 1.000	8.890 (0.350)	3.048 (0.120)	60	\$482.46 \$9.46	●	X	X	X	X	X	X	X	X	X	X	X	X
38.1	1-1/2 1.500	11.938 (0.470)	4.064 (0.160)	40	\$409.36 \$12.04	●	X	X	X	X	X	X	X	X	X	X	X	X
50.8	2 2.000	16.002 (0.630)	4.064 (0.160)	40	\$530.06 \$15.59	●	X	X	X	X	X	X	X	X	X	X	X	X
69.9	2-3/4 2.750	22.098 (0.870)	4.064 (0.160)	20	\$347.65 \$20.45	●	X	X	X	X	X	X	X	X	X	X	X	X
88.9	3-1/2 3.500	29.972 (1.180)	4.064 (0.160)	20	\$472.09 \$27.77	●	X	X	X	X	X	X	X	X	X	X	X	X
119.9	— 4.700	39.878 (1.570)	4.318 (0.170)	20	\$814.30 \$47.90	●	X	X	X	X	X	X	X	X	X	X	X	X

**NOTE:** Some types of heat shrink, for instance semi-rigid and dual wall types are manufactured in 4 foot lengths. The rigid and semi-rigid ones do not bend without kinking, the adhesives in dual walls tend to stick or block shut when spooled.

4 foot lengths, packaged in plastic bags.

				
Lead Time: 1 day	Lead Time: up to 50 days	Lead Time: up to 100 days	Lead Time: up to 200 days	<b>Not Possible</b>

The above lead time guidelines are estimated only. They may be longer (not usually) or they may be shorter (typically). Regarding products with 100 & 200 day lead time; pricing may vary, and a minimum order with deposit may be required. Oh... and by the way, everything can change without notice and/or liability.