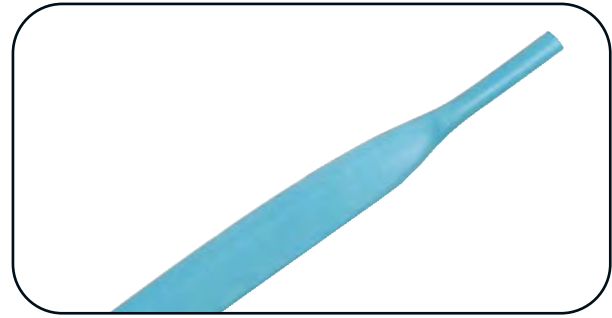


Part # F5N

Ultra Low Shrink Temperature
2 to 1 Ratio
Flexible Polyolefin



	Specification Reference
UL	● UL-224 125°C, 600V, VW-1
VW-1	● File E48762 YDUP2, Cat. No. SUMITUBE F5 or 863
CSA	● CSA-C22.2 No. 198-M1986 125°C, 600V
MIL Spec	○

Replaces
 No Equivalent Available

Description	F5N is a very flexible, very low recovery temperature, heat-shrinkable polyolefin tubing that is highly flame retardant. F5N is UL VW-1 recognized. It is also certified by the CSA.
Uses	F5N is recommended for all general purpose commercial applications such as insulating, color coding, bundling and light harness jacketing or environmental protection where UL or CSA recognition and VW-1 and OFT ratings and low shrink temperature are important.
Operating Temp	-55°C, to +125°C
Shrink Temp	80°C
Standard Put-up	Spool
Note	Caution should be taken in storing this product where it may become hotter than 160°F.

	Property (units)	Test Method	Requirements
Physical	Tensile Strength (psi)	UL 224	1500 MIN.
	Elongation (%)	UL 224	200 MIN.
	Specific gravity	ASTM D792	1.35 MAX.
	Low temp. flex (-55°C)	AMS-DTL-23053	No Cracking
	Heat resistance, (158°C, 168 Hrs.) Elongation (%)	UL 224	100 MIN.
	Secant modulus (psi)	ASTM D882	25000 MAX.
	Deformation (% @ 125°C, 1 hr)	UL 224	50 MAX.
	Longitudinal change (%)	AMS-DTL-23053	±5
Electrical	Dielectric strength (volts/mil)	UL 224	2500 MIN.
	Volume resistivity (ohm-cm)	UL 224	1.0 x 10 ¹⁴ MIN
Chemical	Corrosion	UL 224	No Corrosion
	Copper mirror stability (158°C, 168 Hrs.) Elongation (%)	UL 224	100 MIN.
	Water absorption (%)	ASTM D570	0.5 MAX.
	Fluid resistance (23°C, 24 Hrs.) Tensile strength (psi)	AMS-DTL-23053	1000 MIN.
	Flammability	UL 224 VW-1	Pass
	Shrink Temperature (nominal)		80°C

heatshrink.comTM

Wholesale Pricing on Full Spools/Bags

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F5N

Part #

Inside Diameter Before Shrinking (minimum)		Inside Diameter After Shrinking (maximum)	Post Shrink Wall Thickness	Full Spool Length	Price:	Color Selection											
						per spool	BK	BR	RD	OR	YL	GN	BL	VI	GY	WH	CL
mm	inches	mm (inches)	mm (inches)	in feet	per foot	black	brown	red	orange	yellow	green	blue	violet	gray	white	clear	
1.2	3/64 0.0469	0.5842 (0.023)	0.4064 (0.016)	1000	\$357.00 \$0.42	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
1.6	1/16 0.0625	0.7874 (0.031)	0.4318 (0.017)	1000	\$365.50 \$0.43	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
2.4	3/32 0.0938	1.1684 (0.046)	0.508 (0.020)	500	\$191.25 \$0.45	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
3.2	1/8 0.125	1.5748 (0.062)	0.508 (0.020)	500	\$204.00 \$0.48	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
4.8	3/16 0.1875	2.3622 (0.093)	0.508 (0.020)	200	\$98.60 \$0.58	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
6.4	1/4 0.250	3.175 (0.125)	0.635 (0.025)	200	\$122.40 \$0.72	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
9.5	3/8 0.375	4.7498 (0.187)	0.635 (0.025)	200	\$137.70 \$0.81	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
12.7	1/2 0.500	6.350 (0.250)	0.635 (0.025)	200	\$158.10 \$0.93	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
19.1	3/4 0.750	9.525 (0.375)	0.762 (0.030)	200	\$210.80 \$1.24	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘
25.4	1 1.000	12.700 (0.500)	0.889 (0.035)	200	\$316.20 \$1.86	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	✘

Note: The color TEAL is in stock in 3/16" & 1/2".

F5N has no printing

F5 has printed specifications on tubing

				
Lead Time: 1 day	Lead Time: up to 50 days	Lead Time: up to 100 days	Lead Time: up to 200 days	Not Possible

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.