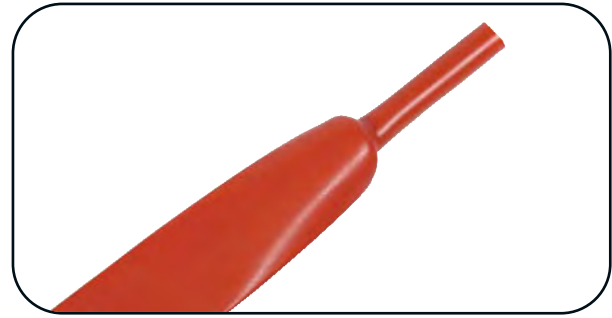


Part # **A4**

**Commercial Grade  
Flexible Polyolefin  
UV Resistant  
Glossy Surface  
2 to 1 Ratio**



	Specification Reference
UL	○
VW-1	○
CSA	○
MIL Spec	○

Replaces	
Raychem	CG-21
3M/ECC	CP221

<b>Description</b>	A4 is a flexible, heat shrinkable polyolefin tubing which has excellent weather (UV) resistance with good electrical properties and chemical resistance.
<b>Uses</b>	General purpose applications such as handle covering, radio antennas, insulating wire terminations, and light wire harness bundling. Has an attractive glossy surface.
<b>Operating Temp</b>	-55°C, to +105°C
<b>Shrink Temp</b>	115°C
<b>Standard Put-up</b>	Spool

	Property (units)	Test Method	Requirements
<b>Physical</b>	Tensile Strength (psi)	ASTM D638	1500 MIN.
	Elongation (%)	ASTM D638	200 MIN.
	Specific gravity	ASTM D792	1.0 MAX.
	Low temp. flex (-55°C)	AMS-DTL-23053	No Cracking
	Heat resistance (136°C, 168 Hrs) Elongation (%)	ASTM D638	100 MIN.
	Secant modulus (psi)	ASTM D882	25000 MAX.
	Longitudinal change (%)	AMS-DTL-23053	+5, -15
<b>Electrical</b>	Dielectric strength (volts/mil)	ASTM D876	500 MIN.
	Volume resistivity (ohm-cm)	ASTM D876	1.0 x 10 <sup>15</sup> MIN
<b>Chemical</b>	UV color stability (3000 Hrs.)	Weather-o-meter	No color reduction
	UV resistance (3000 Hrs.)	Weather-o-meter	No color reduction
	Elongation (%)		100 MIN.
	Water absorption (%)	ASTM D570	0.2 MAX.
	Fluid Resistance (23°C, 24 Hrs.) Tensile Strength (psi)	AMS-DTL-23053	1000 MIN.
	Flammability		N/A
	Shrink Temperature (nominal)		115°C

# Wholesale Pricing on Full Spools/Bags

**Commercial Grade  
Flexible Polyolefin  
UV Resistant  
Glossy Surface  
2 to 1 Ratio**

**A4** Part #

Inside Diameter Before Shrinking (minimum)		Inside Diameter After Shrinking (maximum)	Post Shrink Wall Thickness	Full Spool Length	Price:	Color Selection											
mm	inches	mm (inches)	mm (inches)	in feet	per spool per foot	BK	BR	RD	OR	YL	GN	BL	VI	GY	WH	CL	
						black	brown	red	orange	yellow	green	blue	violet	gray	white	clear	
1.2	3/64 0.0469	0.6000 (0.023)	0.4000 (0.016)	1000	\$348.50 \$0.41	●	●	●	●	●	●	●	●	●	●	●	
1.6	1/16 0.0625	0.7874 (0.031)	0.4318 (0.017)	1000	\$357.00 \$0.42	●	●	●	●	●	●	●	●	●	●	●	
2.4	3/32 0.0938	1.1684 (0.046)	0.508 (0.020)	500	\$187.00 \$0.44	●	●	●	●	●	●	●	●	●	●	●	
3.2	1/8 0.125	1.5748 (0.062)	0.508 (0.020)	500	\$199.75 \$0.47	●	●	●	●	●	●	●	●	●	●	●	
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	\$124.10 \$0.73	●	●	●	●	●	●	●	●	●	●	●	
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	\$154.70 \$0.91	●	●	●	●	●	●	●	●	●	●	●	
19.1	3/4 0.750	9.525 (0.375)	0.762 (0.030)	200	\$207.40 \$1.22	●	●	●	●	●	●	●	●	●	●	●	
25.4	1 1.000	12.700 (0.500)	0.889 (0.035)	200	\$309.40 \$1.82	●	●	●	●	●	●	●	●	●	●	●	
38.1	1-1/2 1.500	19.050 (0.750)	1.016 (0.040)	200	\$578.00 3.40	●	●	●	●	●	●	●	●	●	●	●	
50.8	2 2.000	25.400 (1.000)	1.143 (0.045)	200	\$810.90 \$4.77	●	●	●	●	●	●	●	●	●	●	●	

				
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.