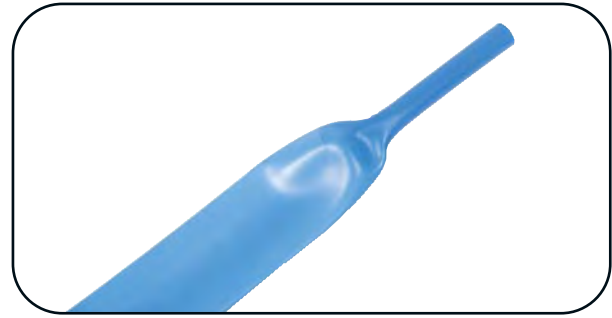


# Part # B2(3X)

**Flexible Polyolefin**  
**3 to 1 Ratio**  
 (For clear use A2(3X))



	Specification Reference
UL	● UL224 125°C, 600 V
VW-1	● VW-1 File E48762 YDPU2
CSA	● CSA C22.2 No. 198.1-98
MIL Spec	○

Replaces	
Raychem	RNF-3000, RT-123
3M/ECC	SFTW-203

<b>Description</b>	B2 is a very flexible, flame retardant, heat shrinkable polyolefin tubing. 3 to 1 shrink ratio (For clear tubing see A2(3X)).
<b>Uses</b>	General Purpose applications such as wire marking, color coding, and electrical insulation of light wire harness assemblies.
<b>Operating Temp</b>	-55° C to +135° C and up to 200° C for short durations.
<b>Shrink Temp</b>	90° 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	1.35 MAX.
	Low temp. flex (-55°C)	AMS-DTL-23053	No Cracking
	Heat shock	AMS-DTL-23053	No Cracking
	Heat resistance, (175°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>14</sup> MIN
<b>Chemical</b>	Corrosion	AMS-DTL-23053	No Corrosion
	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)		90°C

# Wholesale Pricing on Full Spools/Bags

**Flexible Polyolefin**  
3 to 1 Ratio  
(For clear use A2(3X))

**B2(3X)** 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	
1.5	— 0.059	0.508 (0.020)	0.508 (0.020)	1000	\$399.50 \$0.47	●	◐	◑	●	●	●	●	◐	◑	●	<b>X</b>	
3	— 0.1181	1.016 (0.040)	0.6096 (0.024)	500	\$225.25 \$0.53	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
6	— 0.2362	2.032 (0.080)	0.7112 (0.028)	200	\$137.70 \$0.81	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
9	— 0.3543	3.048 (0.120)	0.7874 (0.031)	200	\$154.70 \$0.91	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
9.5	3/8 0.375	3.048 (0.125)	0.7874 (0.031)	200	\$154.70 \$0.91	●	◐	◑	◐	◑	◐	◑	◐	◑	●	<b>X</b>	
12	— 0.4724	4.064 (0.160)	0.8382 (0.033)	200	\$173.40 \$1.02	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
12.7	1/2 0.5	4.242 (0.167)	0.8382 (0.033)	200	\$173.40 \$1.02	●	◐	◑	◐	◑	◐	◑	◐	◑	●	<b>X</b>	
18	— 0.7086	6.096 (0.240)	0.9906 (0.039)	200	\$232.90 \$1.37	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
19	3/4 0.75	6.35 (0.25)	0.9906 (0.039)	200	\$232.90 \$1.37	●	◐	◑	◐	◑	◐	◑	◐	◑	●	<b>X</b>	
24	— 0.9448	8.001 (0.315)	1.2192 (0.048)	200	\$346.80 \$2.04	●	●	●	●	●	●	●	●	●	●	<b>X</b>	
40	— 1.5748	13.081 (0.515)	1.270 (0.050)	200	\$644.30 \$3.79	●	◐	●	●	●	●	●	●	●	●	<b>X</b>	
50	— 1.9685	17.018 (0.670)	1.4986 (0.059)	200	\$1,569.10 \$9.23	●	◐	●	◐	◑	◐	◑	◐	◑	●	<b>X</b>	
75	— 2.9527	25.4 (1.000)	1.651 (0.065)	200	\$2,714.90 \$15.97	●	◐	◑	◐	◑	◐	◑	◐	◑	●	<b>X</b>	
102	— 4.0157	33.782 (1.330)	1.8034 (0.071)	100	\$1,898.05 \$22.33	◑	◐	◑	◐	◑	◐	◑	◐	◑	◐	<b>X</b>	

(For clear use A2(3X))

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.