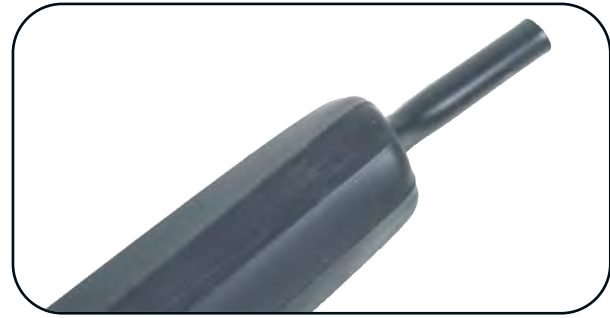


# Part # B2(4X)

**Special Over-Expanded  
4 to 1 Ratio  
Flexible Polyolefin**



	Specification Reference
<b>UL</b>	● UL 224
<b>VW-1</b>	● VW-1 File E70631 YDQS2
<b>CSA</b>	○
<b>MIL Spec</b>	● AMS-DTL-23053/5C, Class 1, overexpanded (except wall thickness)

**Replaces**  
No Equivalent Available

\*B2(4X) does not meet wall thickness requirements.

<b>Description</b>	B2(4X) is a flexible, flame-retardant heat-shrinkable polyolefin tubing, which is specially over-expanded (4:1 expansion ratio) with minimal longitudinal change (5% Max.)
<b>Uses</b>	Special purpose applications such as cable jacket retrofit or repair and electrical insulation of wire assemblies which have oversize components or connectors.
<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>	Bag Depending on the size/color the put-up could be bags of 4 foot or 3 foot lengths.

	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 (250°C, 4 Hrs.)	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
<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 (175°C, 16 Hrs.)	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

**heatshrink.com™**

## Wholesale Pricing on Full Spools/Bags

**Special Over-Expanded  
4 to 1 Ratio  
Flexible Polyolefin**

**B2(4X)** Part #

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	GY
								black	brown	red	orange	yellow	green	blue	violet	gray	white	clear	
25.4	1 1.000	6.604 (0.260)	1.4986 (0.059)	60	\$666.06 \$13.06														<b>X</b>
38.1	1-1/2 1.500	9.525 (0.375)	1.4986 (0.059)	40	\$532.78 \$15.67														<b>X</b>
50.8	2 2.000	12.700 (0.500)	1.4986 (0.059)	40	\$674.56 \$19.84														<b>X</b>
76.2	3 3.000	19.050 (0.750)	1.4986 (0.059)	15	\$332.90 \$26.11														<b>X</b>
101.6	4 4.000	25.400 (1.000)	1.4986 (0.059)	15	\$466.01 \$36.55														<b>X</b>

Depending on the size the put-up could be bags of 4 foot or 3 foot lengths.

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.