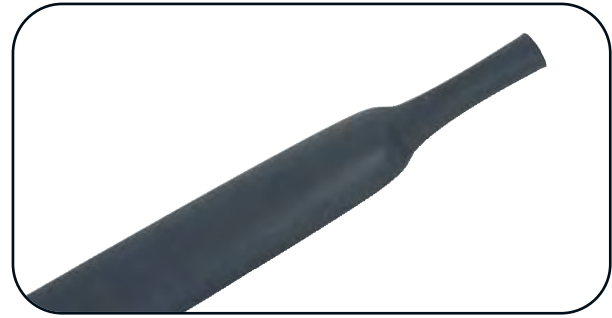


Part # B8

2 to 1 Ratio
Semi-Rigid Polyolefin



	Specification Reference
UL	● UL224 125°C, 600V,
VW-1	● VW-1, File E48762 YDPU2
CSA	● CSA C-22.2 No. 198-M1982, 125°C, 600V
MIL Spec	○

Replaces	
Raychem	CRN (RT-360)
3M/ECC	SR-350
Alpha	FIT-295

Description	B8 is a semi-rigid, flame-retardant, polyolefin heat-shrinkable tubing that is recognized by Underwriters Laboratories (UL) under subject 224 as VW-1 rated and Canadian Standards Association (CSA) 125°
Uses	Recommended for applications where rigid strain relief of components is important.
Operating Temp	-55°C, to +135°C
Shrink Temp	130°C
Standard Put-up	Bag - 4 foot lengths, packaged in plastic bags.
Marking	B8 is imprinted with the following: "SUMITOMO-K CSA SR HS X PO TUBING 125°C, SUMITUBE B8 VW-1-F."

	Property (units)	Test Method	Requirements
Physical	Tensile Strength (psi)	ASTM D638	200 MIN.
	Elongation (%)	ASTM D638	1.35 MAX.
	Specific gravity	ASTM D792	No Cracking
	Low temp. flex (-55°C)	AMS-DTL-23053	No Cracking
	Heat shock (250° C, 4 Hrs.)	AMS-DTL-23053	100 MIN.
	Heat resistance, (175° C, 168 Hrs.) Elongation (%)	ASTM D638	25000 MAX.
	Secant modulus (psi)	ASTM D882	50 MAX.
	Deformation (% @ 150°C, 1 hr)	UL 224 VW-1	±5
	Longitudinal change (%)	AMS-DTL-23053	2000 MIN.
	Electrical	Dielectric strength (volts/mil)	ASTM D876
Volume resistivity (ohm-cm)		ASTM D876	1.0 x 10 ¹⁴ MIN
Chemical	Corrosion (175° C, 16 Hrs.)	AMS-DTL-23053	No Corrosion
	Copper mirror stability (158°C, 168 Hrs.)		
	Elongation (%)	UL 224	100 MIN.
	Water absorption (%)	ASTM D 570	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)		130°C

heatshrink.comTM

Wholesale Pricing on Full Spools/Bags

2 to 1 Ratio
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B8 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	BK	BR	RD	OR	YL	GN	BL	VI	GY	WH
					per foot	black	brown	red	orange	yellow	green	blue	violet	gray	white	clear			
1.2	3/64 0.0469	0.5842 (0.023)	0.508 (0.020)	500	\$216.75 \$0.51	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X	
1.6	1/16 0.0625	0.7874 (0.031)	0.508 (0.020)	500	\$221.00 \$0.52	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
2.4	3/32 0.0938	1.1684 (0.046)	0.508 (0.020)	500	\$233.75 \$0.55	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
3.2	1/8 0.125	1.5748 (0.062)	0.508 (0.020)	500	\$255.00 \$0.60	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
4.8	3/16 0.1875	2.3622 (0.093)	0.635 (0.025)	200	\$124.10 \$0.73	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
6.4	1/4 0.250	3.175 (0.125)	0.635 (0.025)	200	\$153.00 \$0.90	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
9.5	3/8 0.375	4.7498 (0.187)	0.762 (0.030)	200	\$171.70 \$1.01	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
12.7	1/2 0.500	6.350 (0.250)	0.762 (0.030)	100	\$96.90 \$1.14	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
19.1	3/4 0.750	9.525 (0.375)	0.762 (0.030)	100	\$129.20 \$1.52	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	X
25.4	1 1.000	12.700 (0.500)	0.889 (0.035)	60	\$117.81 \$2.31	▶	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	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	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.