

CPX 100

Thin wall crosslinked polyolefin

Flexible, flame retardant, multi-purpose heat shrink tubing.



Features and Benefits

- Flame retardant (except clear)
- Resistant to common fluids and solvents
- All Colors Except clear or transparent tubing are UV resistant
- Economical mechanical protection for terminal strain relief and wire bundling
- Shrink ratio: 2:1
- Continuous operating temperature: -55°C to 135°C
- Shrink temperature: 90°C min.

Standards

- UL 224 (600 volts, 125°C)
- UL file # YDPU2.E63390 (Black and Colors only)
- CSA C22.2 No. 198.1, 125°C
- CSA file # 256317 & 065781_0_000 (Black and Colors only)
- SAE-AMS-DTL-23053/5, Class 1 and 2

- Approved to automotive OEM specifications

Typical Applications

- Electrical insulation of wire splices and terminals
- Strain relief of wire terminations
- Protects components from abrasion and fluids

2:1

Shrink ratio

-55°C - 135°C
(-67°F to 275°F)

Continuous operating temperature

Markets:

Automotive, Industrial

Standards:



CPX 100

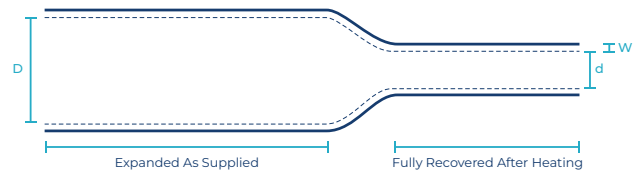
ORDER NUMBER	EXPANDED	RECOVERED		DELIVERY UNITS
	INTERNAL DIAMETER MIN D	INTERNAL DIAMETER MAX D	TOTAL WALL THICKNESS NOM W	LENGTHS
	<i>mm in</i>	<i>mm in</i>	<i>mm in</i>	<i>m ft</i>
0047	1.2 (3/64)	0.6 (3/128)	0.41 (0.016)	300 (1000)
0063	1.6 (1/16)	0.8 (1/32)	0.43 (0.017)	300 (1000)
0094	2.4 (3/32)	1.2 (3/64)	0.51 (0.020)	300 (1000)
0125	3.2 (1/8)	1.6 (1/16)	0.51 (0.020)	300 (1000)
0187	4.8 (3/16)	2.4 (3/32)	0.51 (0.020)	300 (1000)
0250	6.4 (1/4)	3.2 (1/8)	0.64 (0.025)	150 (500)
0375	9.5 (3/8)	4.7 (3/16)	0.64 (0.025)	150 (500)
0500	12.7 (1/2)	6.4 (1/4)	0.64 (0.025)	60 (200)
0625	16.0 (5/8)	8.0 (5/16)	0.76 (0.030)	60 (200)
0750	19.0 (3/4)	9.5 (3/8)	0.76 (0.030)	30 (100)
1000	25.4 (1)	12.7 (1/2)	0.89 (0.035)	30 (100)
1250	32.0 (1 1/4)	16.0 (5/8)	0.89 (0.035)	30 (100)
1500	38.1 (1 1/2)	19.0 (3/4)	1.02 (0.040)	30 (100)
2000	50.8 (2)	25.4 (1)	1.14 (0.045)	30 (100)
3000	76.2 (3)	38.0 (1 1/2)	1.27 (0.050)	15 (50)
4000	101.6 (4)	50.8 (2)	1.40 (0.055)	15 (50)

Ordering

Select a dimension which will shrink snugly over the application to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
 - Color: Black (BK), red (RD), white (WT), clear (CL), blue (BL), yellow (YL)
 - Length: Standard stick, spool or custom lengths
- Please specify the product name, order number and options you require
- Example: CPX 100, 0375, black, 500 ft

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.



We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

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Asia Pacific: +86 512 82280099
Europe: +49 2226 9047 355