



## BRAKE LINE PROTECTION THIN WALL ADHESIVE LINED CROSS-LINKED POLYOLEFIN

**Problem:** A customer required heat shrink tubing for protecting brake lines from impact and abrasion. The product slides over hardware and is used under clips in an exposed area. Processing and finished dimension requirements demanded a custom solution.

**Solution:** An over-expanded CPA product was recommended to address the processing and dimensional requirements. Using samples of the brake lines and clips, a prototype was designed and manufactured. CPA 100 was selected as the base since strong adhesion to the brake line is required to hold it in place. It is the most cost effective dual wall product in our portfolio and satisfied the automotive cost target.

### PRODUCT NAME

CPA 100

### PRODUCT DESCRIPTION

Dual wall heat shrink tube with a high shrink ratio allowing for coverage of irregularly shaped connectors and components

### ADVANTAGE

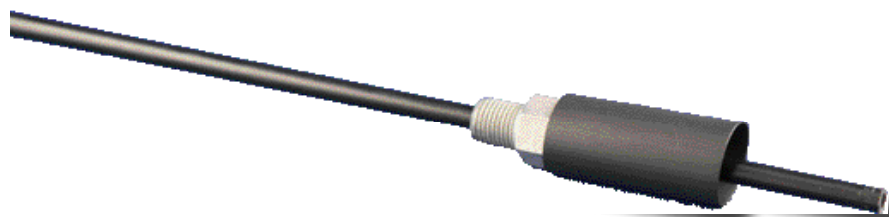
- Provides professional customer service and a custom solution
- A superior peel strength adhesive provides assurance of product reliability over time

### OTHER POTENTIAL USES

Splice sealing, Terminal sealing, Connector sealing

### ADDITIONAL ATTRIBUTES

- Cut to length services available
- Over-expand diameter available on request

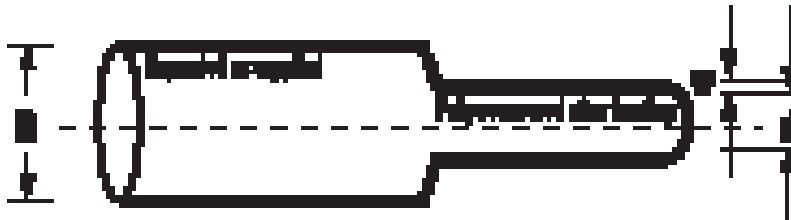


# CPA 100

## THIN WALL ADHESIVE LINED CROSS-LINKED POLYOLEFIN

### DIMENSIONS

ORDER REFERENCE NUMBER	EXPANDED				RECOVERED				NOMINAL MELTABLE WALL THICKNESS		LENGTHS	
	INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)		M	IN				
	MM	IN	MM	IN	MM	IN						
0125	3.2	1/8	1.0	0.040	1.0	0.040	0.5	0.020	1.2	48		
0187	4.7	3/16	1.5	0.060	1.0	0.040	0.5	0.020	1.2	48		
0250	6.4	1/4	2.0	0.080	1.0	0.040	0.5	0.020	1.2	48		
0312	7.9	5/16	2.5	0.100	1.3	0.050	0.7	0.027	1.2	48		
0375	9.5	3/8	3.2	0.125	1.5	0.060	0.7	0.027	1.2	48		
0500	12.7	1/2	4.1	0.160	1.8	0.070	0.8	0.030	1.2	48		
0750	19.1	3/4	7.5	0.250	1.8	0.070	0.8	0.030	1.2	48		
1000	25.4	1	8.1	0.320	2.5	0.100	1.0	0.040	1.2	48		
1250	31.8	1 1/4	10.6	0.416	2.5	0.100	1.0	0.040	1.2	48		
1500	39.9	1.57	13.0	0.510	2.5	0.100	1.0	0.040	1.2	48		



### ORDERING

- Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.
- Please specify the product name plus the options you require.
- Example Order: CPA 100 0125
- Standard Product: Black, unprinted

### OPTIONS

- Colour: Red, Blue, Clear
- Printing: Printed

Please contact your Customer Service Representative for information on custom colours, sizes and lengths