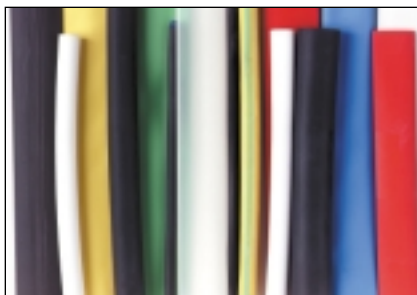


# Shrink-Kon®

## Thin Wall Heat Shrinkable Tubing



### Thin Wall Tubing Styles – 2:1 Shrink Ratio, Non-Lined



- Flame retardant
  - Resistant to common fluids and solvents
  - Meets UL 224, 125°C; CSA C22.2 No. 198.1, 125°C; MIL-DTL-23053/5
- Class 1&2; AMS 3636 & 3637; DEF STAN 59-97, Issue 3, Type 2a
- Continuous Operating Temperature - 55°C to 135°C
  - Shrink temperature: 120°C

(See sample order below) Cat. No.	Minimum Expanded I.D. in. (mm)	Maximum Reduced I.D. in. (mm)	Nom. Recovered Wall Thickness in. (mm)
<b>CMP63-_-_-</b> <b>CPO63-_-_-</b>	.063" (1.6)	.031" (.8)	.017" (.4)
<b>CMP93-_-_-</b> <b>CPO93-_-_-</b>	.093" (2.4)	.046" (1.2)	.020" (.5)
<b>CMP125-_-_-</b> <b>CPO125-_-_-</b>	.125" (3.2)	.062" (1.6)	.020" (.5)
<b>CMP187-_-_-</b> <b>CPO187-_-_-</b>	.187" (4.7)	.093" (2.4)	.020" (.5)
<b>CMP250-_-_-</b> <b>CPO250-_-_-</b>	.250" (6.4)	.125" (3.2)	.025" (.6)
<b>CMP375-_-_-</b> <b>CPO375-_-_-</b>	.375" (9.5)	.187" (4.7)	.025" (.6)
<b>CMP500-_-_-</b> <b>CPO500-_-_-</b>	.500" (12.8)	.250" (6.4)	.025" (.6)
<b>CMP750-_-_-</b> <b>CPO750-_-_-</b>	.750" (19.1)	.375" (9.5)	.030" (.8)
<b>CMP1000-_-_-</b> <b>CPO1000-_-_-</b>	1.000" (25.4)	.500" (12.8)	.035" (.9)

Available in reels of 100' and 1000', consult Technical Service. U.L. 224. Available in other colors, consult Technical Service. Material: Cross-linked Polyolefin. Temp. Range: 125°C.

**CMP** U.L. Recognized File Number E137759 and CSA Certified. (Note clear material not U.L. Recognized)

**CPO** Meets MIL-1-23053/5. (No marking on tubing)

When ordering standard package, order by package not feet. Use feet and inches only when ordering special cut lengths.

- 4' & 6" Lengths only available in CPO Style
- Larger diameters available upon special request. Consult Customer Service.

### SHRINK-KON® Thin Wall Heat Shrinkable Tubing, 6 in. lengths

#### Sample Order

Series	Color	Package Size	Final Order No.
<b>CMP63</b> +	<b>0</b>	+ <b>C</b>	= <b>CMP63-0-C</b>
	<b>Available Colors</b>	<b>Available Packaging</b>	
	<b>0</b> = Black	<b>A</b> = 4'	
	<b>C</b> = Clear	<b>B</b> = Bulk (see price sheet for length)	
	<b>2</b> = Red	<b>C</b> = 100'	
	<b>4</b> = Yellow	<b>25</b> = 25' reel	
	<b>5</b> = Green		
	<b>6</b> = Blue		
	<b>9</b> = White		
	<b>S</b> = Green & Yellow Striped		

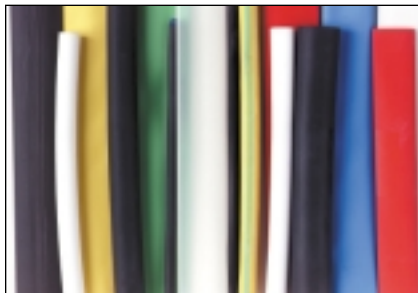
Cat. No.	Color	Minimum Expanded I.D. Inches (mm)	Maximum Reduced I.D. Inches (mm)	Nominal Recovered Wall Thickness Inches (mm)
<b>CPO63-0-6</b>	Black	.063 (1.6)	.031 (.8)	.017 (.4)
<b>CPO93-0-6</b>	Black	.093 (2.4)	.046 (1.2)	.020 (.5)
<b>CPO125-0-6</b>	Black	.125 (3.2)	.062 (1.6)	.020 (.5)
<b>CPO187-0-6</b>	Black	.187 (4.7)	.093 (2.4)	.020 (.5)
<b>CPO250-0-6</b>	Black	.250 (6.4)	.125 (3.2)	.025 (.6)
<b>CPO375-0-6</b>	Black	.375 (9.5)	.187 (4.7)	.025 (.6)
<b>CPO500-0-6</b>	Black	.50 (12.8)	.250 (6.4)	.025 (.6)
<b>CPO750-0-6</b>	Black	.750 (19.1)	.375 (9.5)	.030 (.8)
<b>CPO1000-0-6</b>	Black	1.00 (25.4)	.50 (12.8)	.035 (.9)

#### Thin-Wall Heat Shrinkable Tubing Kit

Cat. No.	Description	Std. Pkg.
<b>HS-KIT</b>	Assortment of six different sizes (from 3/16" to 1") of thin wall heat shrinkable tubing pre-cut to 6" lengths. Exceptional value, also includes handy plastic storage case.	1



**Thomas & Betts**



### Custom Cut Length of Bulk Packaging – Thin Wall Tubing

To best meet your requirements for thin wall heat shrinkable tubing, Thomas & Betts welcomes the opportunity to cut bulk reels of tubing. Minimum order requirement is one standard bulk reel and multiples thereof. Tubing cannot be cut smaller than ½ inch.

When ordering custom cut lengths of tubing, order by piece, not by length. To determine the minimum number of pieces to order, simply figure how many pieces of a specific length of tubing is required to make use of a complete bulk reel.

### Ordering Information

Family	Expanded ID	Bulk Reel Qty. Ft. (CMP only)	Color	Packaging
CPO/CMP = Cross Link Modified Polyolefin	63 = ¼"	1000	0 = Black	A = 4'
	93 = ⅜"	1000	C = Clear	B = Bulk
	125 = ½"	1000	2 = Red	(See price sheet for lengths)
	250 = ¾"	1000	4 = Yellow	C = 100'
	375 = 1"	500	5 = Green	25 = 25' Reel
	500 = 1½"	400	6 = Blue	
	750 = 2"	300	9 = White	
1000 = 2½"	300	S = Green & Yellow Striped		

### Example

Material	Size	Color	Package
CMP	-375	-0	-C

Minimum order quantity: Standard case quantities and multiples thereof. No broken packages may be ordered. To order colors other than black and clear ¾" tubing MLP or specials/cut lengths, consult customer service for minimum order quantities, price and availability.

#### Example 1

If a bulk length of tubing is 1000 feet and the desired length of each individual piece is 6 inches, the minimum order requirement is 2000 pieces.

Given (length of reel) 1000 Feet  
 Convert to inches by multiplying by 12 12 x 1000  
 Length of reel in inches = 12000  
 Divide by desired length 12000 ÷ 6  
 Total number of 6 inch pieces in a 1000 foot reel (Minimum Order) = 2000

#### Example 2

If a bulk reel of tubing is 400 feet and the desired length of each individual piece is 2 inches, the minimum order requirement is 2400 pieces.

Given (length of reel) 400 Feet  
 Convert to inches by multiplying by 12 12 x 400  
 Length of reel in inches = 4800  
 Divide by desired length 4800 ÷ 2  
 Total number of 2 inch pieces in a 400 foot reel (Minimum Order) = 2400

#### Example 3

CMP125-0-7500  
 CMP material, size 125 (½"), black, ¾ inches long.

#### Example 4

CMP500-6-1.500  
 CMP material, size 500 (1½"), blue, 1½ inches long.

### Technical Data

Property	Test Method	Typical Performances
<b>PHYSICAL</b>		
Tensile Strength	ASTM D2671, ISO 37	2200 psi (15.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	+1%, -10%
2% Secan Modulus	ASTM D2671	16000 psi (110 MPa)
Specific Gravity	ASTM D792, ISO/R1183	1.3" (colors) 0.95" (clear)
Restricted Shrinkage	ASTM D2671	No Cracking
Elongation after Heat Aging (168 hrs at 175°C)	ASTM D2671	350%
Heat Shock (4 hrs at 250°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4 hrs at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Flame Retardant (except Clear)
<b>ELECTRICAL</b>		
Dielectric Strength	ASTM D2671, IEC 243	600 V/Mil (24kV/mm)
Volume Resistivity	ASTM D2671	10 <sup>10</sup> OHM-CM
<b>CHEMICAL</b>		
Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No Growth