

CPX 876

Flexible, highly flame retardant heat shrink tubing



Features

- Highly flame retardant, UL-224 VW-1 & CSA OFT
- Flexible
- Resistant to common fluids and solvents
- Meets MIL-DTL-23053/5, class 3
- Continuous Operating Temperature: -55°C to 135°C
- Shrink Temperature: 110°C



Dimensions

EXPANDED		RECOVERED		DELIVERY UNITS				
INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) D	WALL THICKNESS (NOM) w	Black		Black & Coloured		Lengths 1.22 m p.c.
mm	IN	mm	mm	Spool Length	Style*	Spool Length	Style*	
1,2	3/64	0,6	0,45	300	o	150	o	-
1,6	1/16	0,8	0,45	300	o	150	o	-
2,4	3/32	1,2	0,50	300	o	150	o	-
3,2	1/8	1,6	0,50	300	o	150	o	-
4,8	3/16	2,4	0,50	300	o	75	o	-
6,4	1/4	3,2	0,65	300	o	75	o	-
9,5	3/8	4,8	0,65	150	o	75	-	-
12,7	1/2	6,4	0,65	100	o	50	-	-
16,0	5/8	8,0	0,65	100	-	50	-	-
19,0	3/4	9,5	0,75	50	-	30	-	-
25,4	1	12,7	0,90	50	-	30	-	-
31,8	1 1/4	15,9	0,90	50	-	30	-	-
38,0	1 1/2	19,0	1,00	50	-	30	-	-
51,0	2	25,4	1,15	50	-	30	-	-
76,0	3	38,0	1,25	25	-	15	-	-
101,6	4	50,8	1,40	25	-	15	-	-

* o = airfilled or oval - = flattened

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ISO 37	17 MPa
Elongation	ISO 37	400%
Longitudinal Change	ASTM-D 2671	± 5% max.
Secant Modulus	ASTM-D 882	175 MPa max.
Specific Gravity	ASTM-D 792, A-I	1,4 g/cm ³
Elongation after Heat Aging (168 hrs at 175°C)	ISO 37	400%
Elongation after Heat Shock (4 hrs at 250°C)	ASTM-D 2671	no dripping, flowing or ripping
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -55°C
Flammability	UL 224, VW-1	flame retardant

Electrical

Property	Test Method	Typical Performance
Dielectric Strength	IEC 243	20 kV/mm
Volume Resistivity	ASTM-D 2671	10 ¹⁶ Ω x cm

Chemical

Property	Test Method	Typical Performance
Corrosive Action	ASTM-D 2671 Meth. A	non-corrosive
Copper Compatibility	ASTM-D 2671 Meth. B	non-corrosive
Chemical Resistance		good to excellent
Water Absorption	ASTM-D 570	0,50%

Standard Colours	Special Colours - On request								
black	red	blue	white	yellow	brown	green	orange	grey	violet

Printability	Hot stamp	Ink jet	Offset
good	good	good	good

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit 4) Printing Options
For example: CPX876 3/8" black, 1.500 mtr., 150m-spool, unprinted