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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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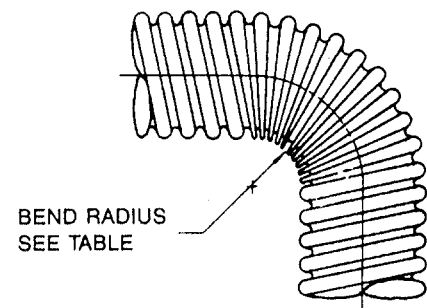
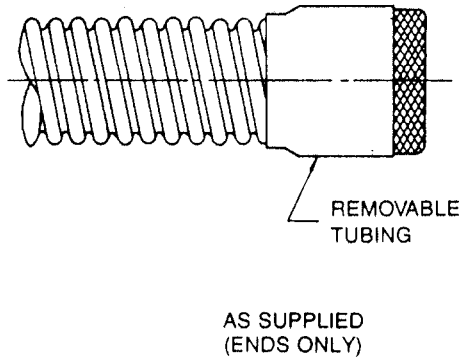
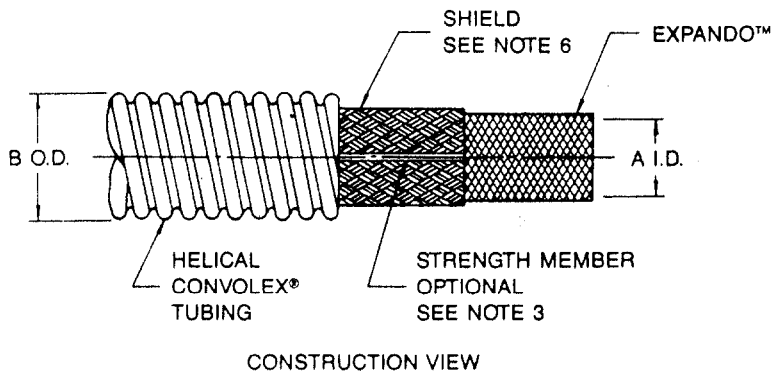
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Maulflex Helical Conduit, Inner Shielded




Ordering Information

MAULFLEX - 6 X X - SM - XX

Product Family Name						Length in inches
Helical Convolex® type						Add if strength member is required (see note 3)
-6 XLETFE per RT-1162 (see note 8)						
Shield (see note 6)						Size number (see table for dimensions)
1. Single layer tinned copper						
2. Two layers tinned copper						

Kevlar® is a registered trademark of E.I. du Pont de Nemours & Co.

© 2011 Tyco Electronics Corporation. All rights reserved			RAYCHEM MOLDED PARTS CUSTOMER DRAWING		
		TE Connectivity 305 Constitutional Drive Menlo Park, CA 94025 USA		Title: Maulflex Helical Conduit, Inner Shielded	
Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application			Document No : MAULFLEX		
Cage Code: 06090	Scale: None	Size: A	Rev. Date: 09-JUN-11	Rev.: C	Sheet: 1 of 2

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Table 1: Dimensions (inches)

Size Number	1 Layer Shield		2 Layer Shield		(B) Maximum	Bend Radius 7*	Helical Convolex® Size
	(A) Minimum	Weight per 100 Feet	(A) Minimum	Weight per 100 Feet			
1	.240 (6,10)	4.1 (1,86)	.200 (5,08)	6.0 (2,72)	.510 (12,96)	.88 (22,35)	3/8
2	.312 (7,92)	5.0 (2,27)	.270 (6,86)	7.2 (3,27)	.571 (14,50)	.88 (22,35)	7/16
3	.360 (9,14)	5.8 (2,63)	.320 (8,13)	8.6 (3,90)	.650 (16,51)	1.25 (31,75)	1/2
4	.480 (12,19)	9.6 (4,35)	.440 (11,18)	13.4 (6,08)	.770 (19,56)	1.50 (38,10)	5/8
5	.600 (15,24)	11.3 (5,13)	.560 (14,22)	18.0 (8,16)	.930 (23,62)	1.75 (44,45)	3/4
6	.720 (18,29)	16.6 (7,53)	.680 (17,27)	24.1 (10,93)	1.073 (27,25)	2.00 (50,80)	7/8
7	.840 (21,34)	19.1 (8,66)	.800 (20,32)	27.7 (12,56)	1.226 (31,14)	2.37 (60,20)	1
8	1.050 (26,67)	28.8 (13,06)	1.000 (25,40)	43.6 (19,78)	1.539 (35,30)	2.75 (69,85)	1-1/4
9	1.430 (36,32)	38.4 (17,42)	1.375 (34,93)	56.2 (25,49)	1.975 (50,17)	3.63 (92,20)	1-5/8

Notes

- Dimensions in table are in $\frac{\text{Inches}}{\text{(millimeters)}}$; $\frac{\text{lbs.}}{\text{(kgms)}}$
- Service rating: -55°C (-67°F) to + 150°C (+302°F).
- Two Kevlar® strength members placed longitudinally 180° apart between shield and convolex tubing. These Kelvar strength members are to be a minimum of about 12 inches longer than the convolex tubing with a minimum of 6 inches out each end and stored under the removable tubing.
- Consult factory for optional configurations.
- Standard lengths supplied: 4 feet minimum; 24 feet maximum (lengths to be specified when ordering).
- Shield material, tin coated copper per A-A-59569 and QQ-B-575.
- * The recommended minimum bend radius that can be achieved without cross sectional area reduction.
- When used as Maulflex paragraphs 4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, and Table 2 inside diameter of RT-1162 are not applicable.

RAYCHEM MOLDED PARTS
CUSTOMER DRAWING

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