

120-100 Helical Polymer-Core Convolute Tubing In Accordance With SAE AMS-81914



Outstanding mechanical wire protection and lubricity for non-environmental and non-EMI/RFI applications



How To Order

Product Series
120 - Convolute Tubing

Class:
1 - Standard Wall
2 - Thin Wall

Tubing Size
(Table I)

Material
K - PEEK
E - ETFE
F - FEP
P - PFA
T - PTFE

L - Lanyard
Omit for none

120 - 100 - 1 - 1 - 16 B K L

Basic No.

Convolution
1 - Standard
2 - Close

Color
B - Black **O** - Orange **Y** - Yellow
C - Clear **BL** - Blue

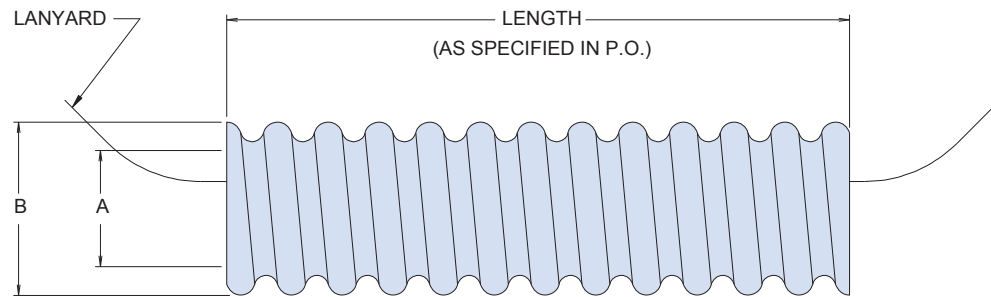
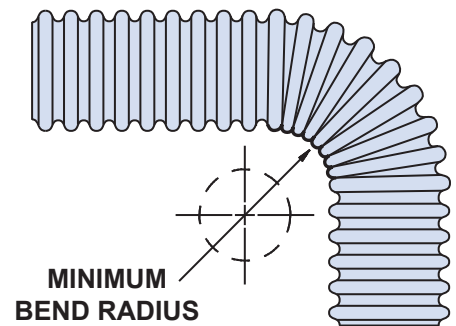


Table I: Tubing Size Order Number and Dimensions

Tubing Size	Fractional Size Ref	A Inside Dia Min	B Dia Max	Min Bend Radius
06	3/16	.181 (4.6)	.320 (8.1)	.50 (12.7)
09	9/32	.273 (6.9)	.414 (10.5)	.75 (19.1)
10	5/16	.306 (7.8)	.450 (11.4)	.75 (19.1)
12	3/8	.359 (9.1)	.510 (13.0)	.88 (22.4)
14	7/16	.427 (10.8)	.571 (14.5)	1.00 (25.4)
16	1/2	.480 (12.2)	.650 (16.5)	1.25 (31.8)
20	5/8	.603 (15.3)	.770 (19.6)	1.50 (38.1)
24	3/4	.725 (18.4)	.930 (23.6)	1.75 (44.5)
28	7/8	.860 (21.8)	1.073 (27.3)	1.88 (47.8)
32	1	.970 (24.6)	1.226 (31.1)	2.25 (57.2)
40	1 1/4	1.205 (30.6)	1.539 (39.1)	2.75 (69.9)
48	1 1/2	1.437 (36.5)	1.832 (46.5)	3.25 (82.6)
56	1 3/4	1.688 (42.9)	2.156 (54.8)	3.63 (92.2)
64	2	1.937 (49.2)	2.332 (59.2)	4.25 (108.0)



Packaging

- Long-length orders of 120-100 conduit are subject to carrier weight and box size restrictions. For example, UPS air shipments are currently limited to 50 lbs. per box. Unless otherwise specified, Glenair standard practice is to ship optimal lengths of product based on weight, size, and individual carrier specifications.
- Consult factory for thin-wall, close convolution combination and for PEEK™ and PTFE min/max dimensions.

Mouser Electronics

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Glenair:

[120-100-1-1-12BE](#) [120-100-1-1-32BE](#) [120-100-1-2-32BF](#) [120-100-1-1-24BK](#) [120-100-1-1-09BK](#) [120-100-1-1-16BK](#)