



121-101
Helical Polymer-Core Convolute Tubing
In Accordance With SAE AMS-81914 • with External Braid

Tubing plus a single EMI/RFI braided shield for use in non-environmental applications



How To Order

Product Series
121 - Convolute Tubing

Class:
1 - Standard Wall
2 - Thin Wall

Tubing Size
(Table I)

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

Unit Length
In Inches
(Omit for Bulk Length)

121 - 101 - 1 - 1 - 16 B K T - 60

Basic No.

Convolution
1 - Standard
2 - Close

Color
B - Black
C - Natural

Shield
Table II

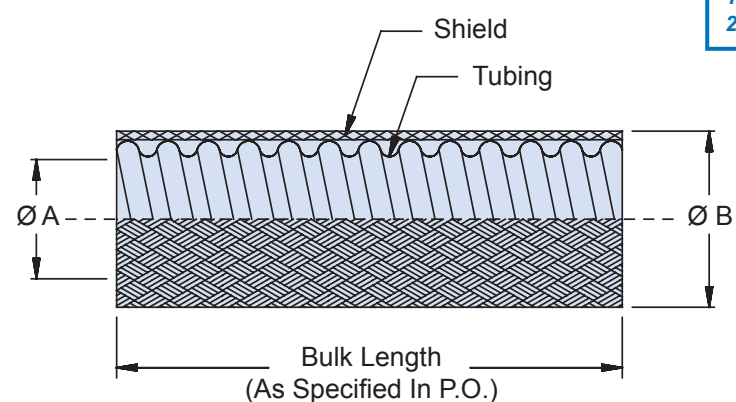
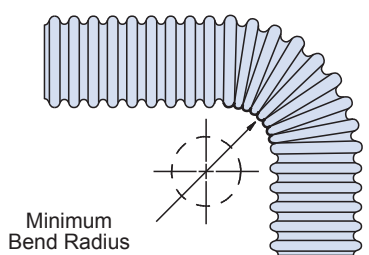


Table I: Tubing Size Order Number and Dimensions

Tubing Size	Fractional Size Ref	Ø A Inside Min	Ø B Max	Minimum Bend Radius
06	3/16	.181 (4.6)	.370 (9.4)	.50 (12.7)
09	9/32	.273 (6.9)	.464 (11.8)	.75 (19.1)
10	5/16	.306 (7.8)	.500 (12.7)	.75 (19.1)
12	3/8	.359 (9.1)	.560 (14.2)	.88 (22.4)
14	7/16	.427 (10.8)	.621 (15.8)	1.00 (25.4)
16	1/2	.480 (12.2)	.700 (17.8)	1.25 (31.8)
20	5/8	.603 (15.3)	.820 (20.8)	1.50 (38.1)
24	3/4	.725 (18.4)	.980 (24.9)	1.75 (44.5)
28	7/8	.860 (21.8)	1.123 (28.5)	1.88 (47.8)
32	1	.970 (24.6)	1.276 (32.4)	2.25 (57.2)
40	1 1/4	1.205 (30.6)	1.589 (40.4)	2.75 (69.9)
48	1 1/2	1.437 (36.5)	1.882 (47.8)	3.25 (82.6)
56	1 3/4	1.688 (42.9)	2.132 (54.2)	3.63 (92.2)
64	2	1.937 (49.2)	2.382 (60.5)	4.25 (108.0)

Table II: Shield/Braid Option

T	Tin/Copper
C	Stainless Steel
N	Nickel Copper
S	SnCuFe
L	AarmorLite™
D	Dacron (Non-Conductive)
M	Nomex (Non-Conductive)
E	AmberStrand® 100%
F	AmberStrand® 75%/25%



Packaging/Notes

- Long-length orders of 121-101 braided 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 additional information or to specify packaging requirements.
- Consult factory for thin-wall, close convolution combination and for PEEK™ and PTFE min/max dimensions.

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