

121-102
Helical Polymer-Core Convoluted Tubing
 In Accordance With SAE AMS-81914 • with 2 External Braids



Tubing plus a double layer of high dB EMI/RFI shielding for use in non-environmental applications

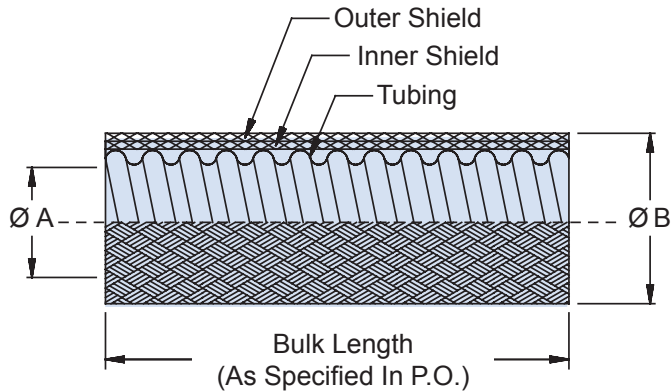
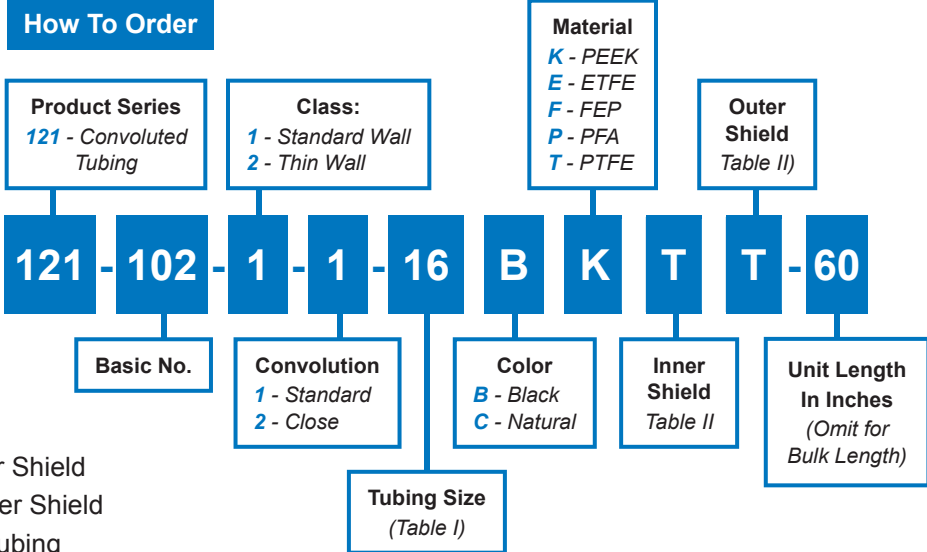
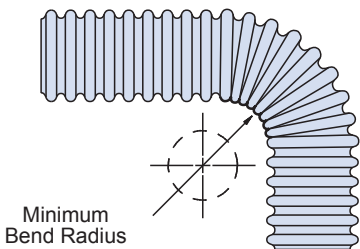


Table I: Tubing Size Order Number and Dimensions

Tubing Size	Fractional Size Ref	Ø A Inside Min	Ø B Max	Minimum Bend Radius
06	3/16	.181 (4.6)	.420 (10.7)	.50 (12.7)
09	9/32	.273 (6.9)	.514 (13.1)	.75 (19.1)
10	5/16	.306 (7.8)	.550 (14.0)	.75 (19.1)
12	3/8	.359 (9.1)	.610 (15.5)	.88 (22.4)
14	7/16	.427 (10.8)	.671 (17.0)	1.00 (25.4)
16	1/2	.480 (12.2)	.750 (19.1)	1.25 (31.8)
20	5/8	.603 (15.3)	.870 (22.1)	1.50 (38.1)
24	3/4	.725 (18.4)	1.03 (26.2)	1.75 (44.5)
28	7/8	.860 (21.8)	1.17 (29.8)	1.88 (47.8)
32	1	.970 (24.6)	1.33 (29.8)	2.25 (57.2)
40	1 1/4	1.205 (30.6)	1.64 (41.6)	2.75 (69.9)
48	1 1/2	1.437 (36.5)	1.93 (49.1)	3.25 (82.6)
56	1 3/4	1.688 (42.9)	2.18 (55.4)	3.63 (92.2)
64	2	1.937 (49.2)	2.43 (61.8)	4.25 (108.0)

Table II: Shield/Braid Option

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



Packaging/Notes

- Long-length orders of 121-102 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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