

121-102

Series 74 Helical Convoluted Tubing (AMS-T-81914)
Type E: Convoluted Tubing with Two External Shields



Convoluted
Tubing

Series 74
TYPE
E
TWO
EXTERNAL
SHIELDS

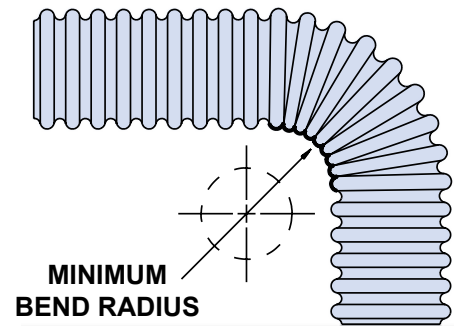
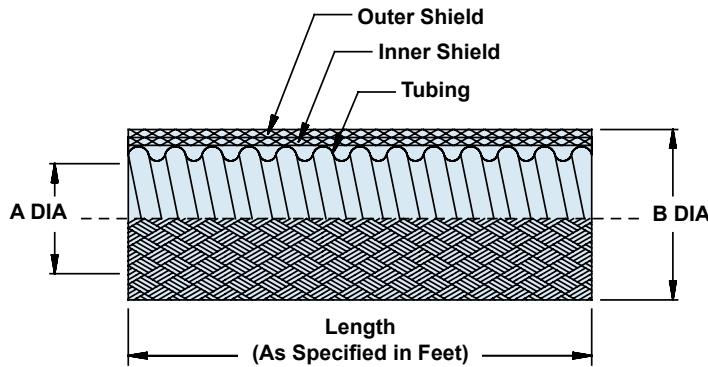
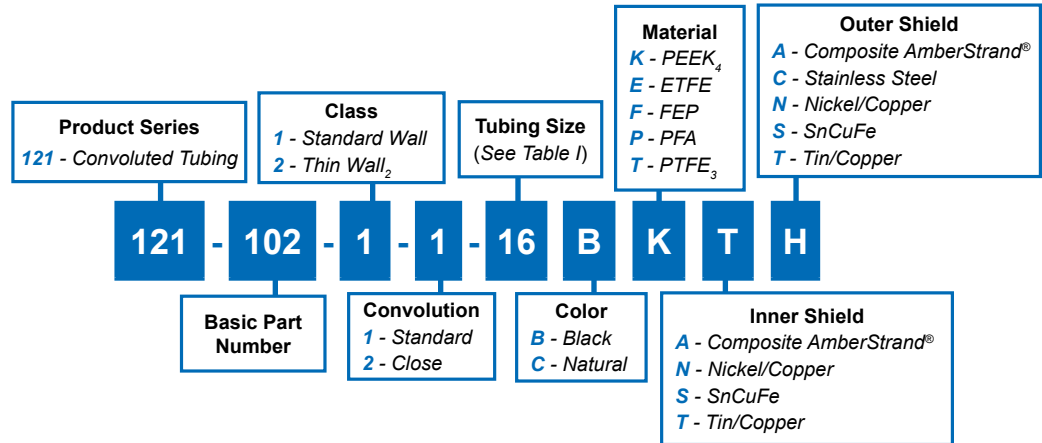


TABLE I: TUBING SIZE ORDER NUMBER AND DIMENSIONS					
TUBING SIZE	FRACTIONAL SIZE REF	A INSIDE DIA MIN	B DIA MAX	MINIMUM BEND RADIUS *	
06	3/16	.181 (4.6)	.420 (10.7)	.50	(12.7)
09	9/32	.273 (6.9)	.514 (13.1)	.75	(19.1)
10	5/16	.306 (7.8)	.550 (14.0)	.75	(19.1)
12	3/8	.359 (9.1)	.610 (15.5)	.88	(22.4)
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)	1.030 (26.2)	1.75	(44.5)
28	7/8	.860 (21.8)	1.173 (29.8)	1.88	(47.8)
32	1	.970 (24.6)	1.326 (33.7)	2.25	(57.2)
40	1 1/4	1.205 (30.6)	1.639 (41.6)	2.75	(69.9)
48	1 1/2	1.437 (36.5)	1.932 (49.1)	3.25	(82.6)
56	1 3/4	1.688 (42.9)	2.182 (55.4)	3.63	(92.2)
64	2	1.937 (49.2)	2.432 (61.8)	4.25	(108.0)

*The minimum bend radius is based on Type A construction. For multiple-braided coverings, these minimum bend radii may be increased slightly.

APPLICATION NOTES

1. Metric dimensions (mm) are in parentheses and are for reference only.
2. Consult factory for thin-wall, close convolution combination.
3. For PTFE maximum lengths - consult factory.
4. Consult factory for PEEK™ min/max dimensions.

Mouser Electronics

Authorized Distributor

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[121-102-1-1-06BPTT](#) [121-102-1-1-06BPCC](#) [121-102-1-1-10BETT](#) [121-102-1-1-16BETT](#) [121-102-1-1-16BFNN](#) [121-102-1-1-16BTCC](#) [121-102-1-1-20BFTT](#) [121-102-1-1-24BETT](#) [121-102-1-1-24BFTT](#) [121-102-1-1-28BETT](#) [121-102-1-1-28CKNS](#) [121-102-1-1-12BTCC](#) [121-102-1-1-20BTCC](#)