

121-100

Series 74 Helical Convoluted Tubing (AMS-T-81914)  
Type C: Convoluted Tubing with External Shield and Jacket



Convoluting  
Tubing

Series 74  
TYPE  
C  
EXTERNAL  
SHIELD  
AND JACKET



C

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)	.490 (12.4)	.50 (12.7)
09	9/32	.273 (6.9)	.584 (14.8)	.75 (19.1)
10	5/16	.306 (7.8)	.620 (15.7)	.75 (19.1)
12	3/8	.359 (9.1)	.680 (17.3)	.88 (22.4)
14	7/16	.427 (10.8)	.741 (18.8)	1.00 (25.4)
16	1/2	.480 (12.2)	.820 (20.8)	1.25 (31.8)
20	5/8	.603 (15.3)	.940 (23.9)	1.50 (38.1)
24	3/4	.725 (18.4)	1.100 (27.9)	1.75 (44.5)
28	7/8	.860 (21.8)	1.243 (31.6)	1.88 (47.8)
32	1	.970 (24.6)	1.396 (35.5)	2.25 (57.2)
40	1 1/4	1.205 (30.6)	1.709 (43.4)	2.75 (69.9)
48	1 1/2	1.437 (36.5)	2.002 (50.9)	3.25 (82.6)
56	1 3/4	1.688 (42.9)	2.327 (59.1)	3.63 (92.2)
64	2	1.937 (49.2)	2.502 (63.6)	4.25 (108.0)

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.