

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.