

121-103

## Series 74 Helical Convulsed Tubing (AMS-T-81914) Type F: Convulsed Tubing with Jacket and Two Shields

### Series 74 TYPE F JACKET AND TWO EXTERNAL SHIELDS

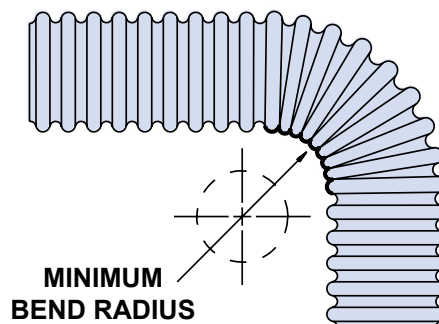
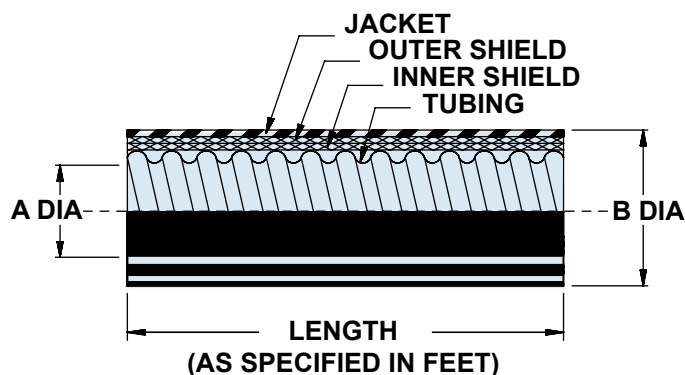
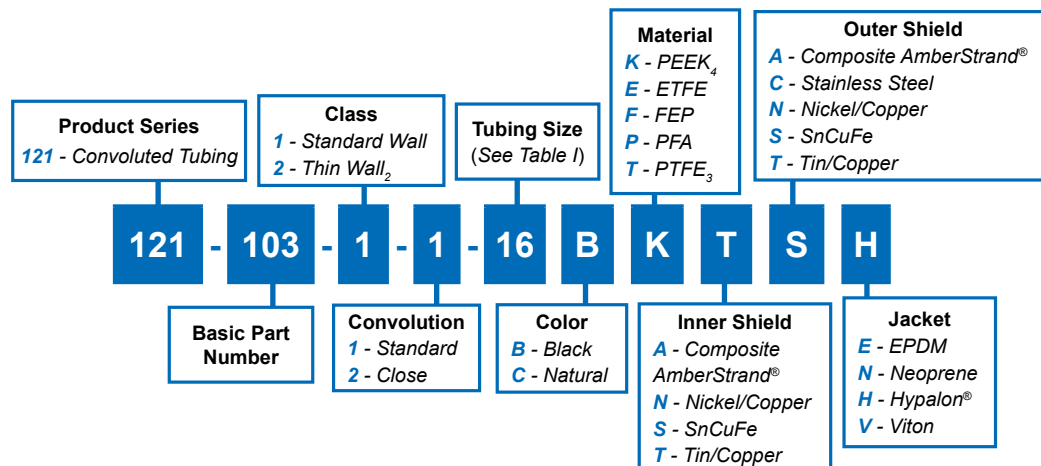


TABLE I: TUBING SIZE ORDER NUMBER AND DIMENSIONS

| TUBING SIZE | FRACTIONAL SIZE REF | A INSIDE DIA MIN | B DIA MAX    | MINIMUM BEND RADIUS * |
|-------------|---------------------|------------------|--------------|-----------------------|
| 06          | 3/16                | .181 (4.6)       | .540 (13.7)  | .50 (12.7)            |
| 09          | 9/32                | .273 (6.9)       | .634 (16.1)  | .75 (19.1)            |
| 10          | 5/16                | .306 (7.8)       | .670 (17.0)  | .75 (19.1)            |
| 12          | 3/8                 | .359 (9.1)       | .730 (18.5)  | .88 (22.4)            |
| 14          | 7/16                | .427 (10.8)      | .791 (20.1)  | 1.00 (25.4)           |
| 16          | 1/2                 | .480 (12.2)      | .870 (22.1)  | 1.25 (31.8)           |
| 20          | 5/8                 | .603 (15.3)      | .990 (25.1)  | 1.50 (38.1)           |
| 24          | 3/4                 | .725 (18.4)      | 1.150 (29.2) | 1.75 (44.5)           |
| 28          | 7/8                 | .860 (21.8)      | 1.293 (32.8) | 1.88 (47.8)           |
| 32          | 1                   | .970 (24.6)      | 1.446 (36.7) | 2.25 (57.2)           |
| 40          | 1 1/4               | 1.205 (30.6)     | 1.759 (44.7) | 2.75 (69.9)           |
| 48          | 1 1/2               | 1.437 (36.5)     | 2.052 (52.1) | 3.25 (82.6)           |
| 56          | 1 3/4               | 1.688 (42.9)     | 2.302 (58.5) | 3.63 (92.2)           |
| 64          | 2                   | 1.937 (49.2)     | 2.552 (64.8) | 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 convulsion combination.
3. For PTFE maximum lengths consult factory.
4. Consult factory for PEEK™ min/max dimensions.

# Mouser Electronics

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## Glenair:

[121-103-1-1-06BETTN](#) [121-103-1-1-09BETTH](#) [121-103-1-1-09BFTTH](#) [121-103-1-1-09BFTTN](#) [121-103-1-1-10BFNBN](#) [121-103-1-1-10BFTTH](#) [121-103-1-1-10BFTTN](#) [121-103-1-1-12BFTTH](#) [121-103-1-1-12BFTTN](#) [121-103-1-1-12BPTTH](#) [121-103-1-1-12BPTTN](#) [121-103-1-1-14BETTN](#) [121-103-1-1-14BFNBN](#) [121-103-1-1-14BFTTH](#) [121-103-1-1-14BFTTN](#) [121-103-1-1-16BFTTH](#) [121-103-1-1-16BFTTN](#) [121-103-1-1-20BETTN](#) [121-103-1-1-20BFNBN](#) [121-103-1-1-20BFTTH](#) [121-103-1-1-20BFTTN](#) [121-103-1-1-24BETTH](#) [121-103-1-1-24BFNBN](#) [121-103-1-1-24BFNNH](#) [121-103-1-1-24BFTTH](#) [121-103-1-1-24BFTTN](#) [121-103-1-1-28BENTN](#) [121-103-1-1-28BFTTH](#) [121-103-1-1-28BFTTN](#) [121-103-1-1-32BFNBN](#) [121-103-1-1-32BFTTH](#) [121-103-1-1-32BFTTN](#) [121-103-1-1-40BPNNE](#) [121-103-1-1-48BFTTN](#) [121-103-1-1-64BFTTN](#) [121-103-1-1-56BTNNN](#)