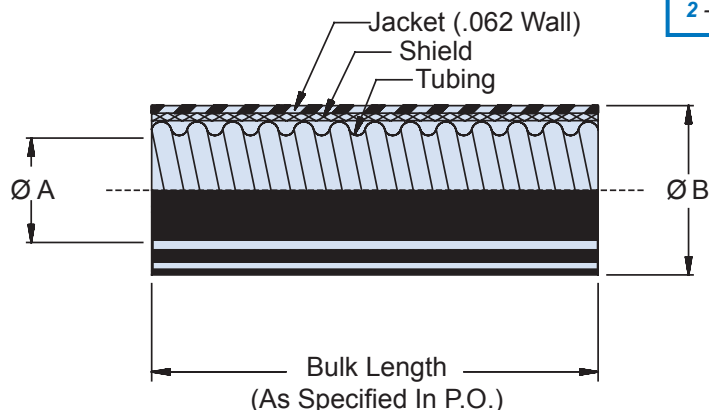
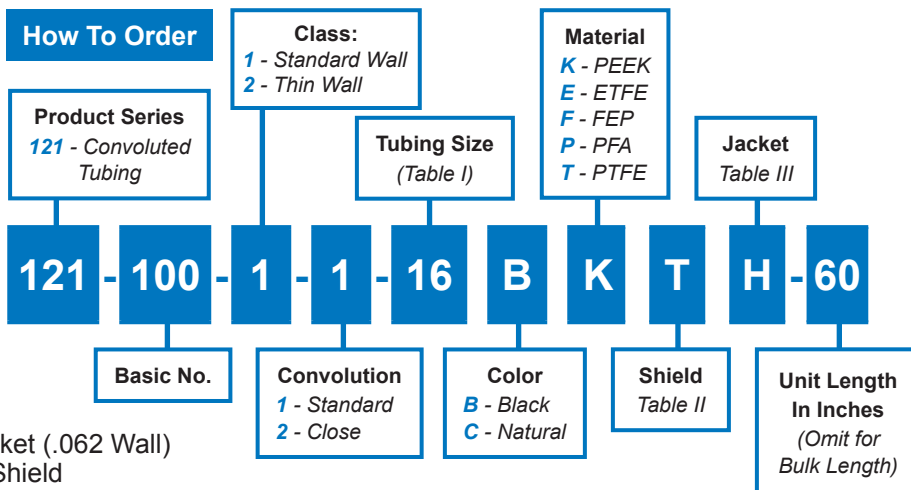




# 121-100 Helical Polymer-Core Convoluted Tubing In Accordance With SAE AMS-81914 with External Braid and Jacket

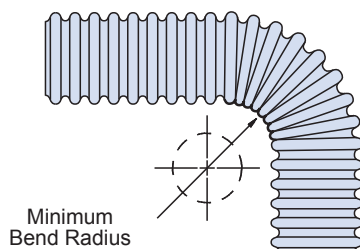
**Tubing with one EMI/RFI Braided shield plus jacket for use in environmental applications**



| 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%    |

| Table III: Jacket Option |                          |
|--------------------------|--------------------------|
| N                        | Neoprene                 |
| H                        | Hypalon®                 |
| E                        | EPDM                     |
| V                        | Viton                    |
| B                        | Duralectric, Black       |
| G                        | Duralectric, Gray        |
| TN                       | Duralectric, Desert Tan  |
| O                        | Duralectric, OSHA Orange |

| 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)     | .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)   | 2.252 (57.2) | 3.63 (92.2)         |
| 64                                               | 2                   | 1.937 (49.2)   | 2.502 (63.6) | 4.25 (108.0)        |



## Packaging/Notes

- Long-length orders of 121-100 braided and jacketed 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.

# Mouser Electronics

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[121-100-1-1-16BKTE](#) [121-100-1-1-09BETE](#) [121-100-1-1-10BETE](#) [121-100-1-1-12BKTE](#)