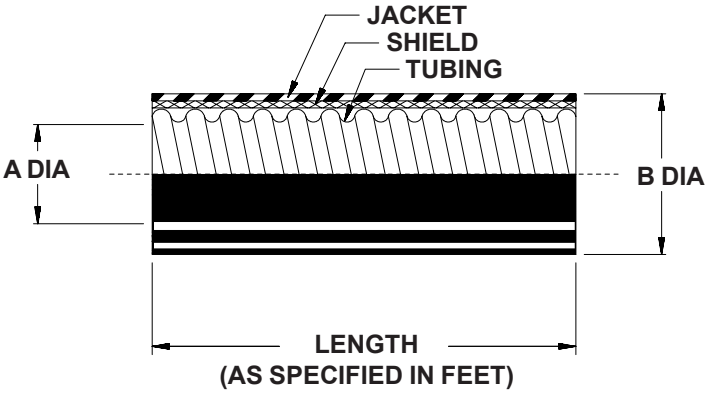
121-100
Type C Composite Series 74 PEEK™ Convoluted Tubing (MIL-T-81914)
Plus PFA, FEP, PTFE and Tefzel® (ETFE) Formulas

TYPE C EXTERNAL SHIELD AND JACKET

121-100-1-1-16 B K T H

- Product Series
- Basic No.
- Class
  - 1 = Standard Wall
  - 2 = Thin Wall *
- Convolution
  - 1 = Standard
  - 2 = Close
- Tubing Size (Table I)
- Color
  - B = Black
  - C = Natural
- Material
  - K = PEEK™ ***
  - E = ETFE
  - F = FEP
  - P = PFA
  - T = PTFE**
- Shield
  - C = Stainless Steel
  - N = Nickel/Copper
  - S = SnCuFe
  - T = Tin/Copper
- Jacket
  - E = EPDM N = Neoprene
  - H = Hypalon® V = Viton



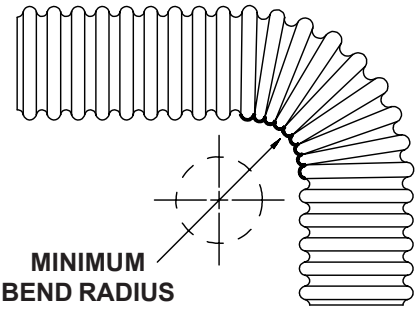


TABLE I: TUBING SIZE ORDER NUMBER AND DIMENSIONS

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)

Metric dimensions (mm) are in parentheses.

* Consult factory for thin-wall, close convolution combination.

** For PTFE maximum lengths - consult factory.

*** Consult factory for PEEK™ min/max dimensions.

© 2003 Glenair, Inc.
CAGE Code 06324
Printed in U.S.A.