

Helical Polymer-Core Convolute Tubing 120-100

120-100, HELICAL POLYMER-CORE CONVOLUTE TUBING



How To Order	
Sample Part Number	120-100 -1 -1 -16 B E L
Series / Basic Part No.	120-100 Helical Polymer-Core Convolute Tubing
Class	1 = Standard Wall, 2 = Thin Wall
Convolution	1 = STD Convolution, 2 = Close Convolution
Tubing Size	See Table I
Color	B = Black, C = Clear, O = Orange, BL = Blue, Y = Yellow
Material	E, F, P, T, K, R, See Table II
Lanyard	L = Lanyard (Omit for none)

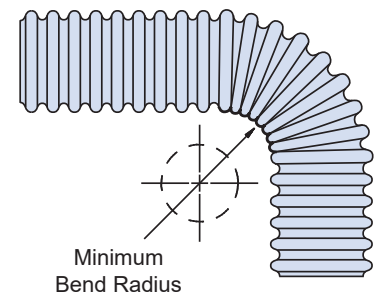
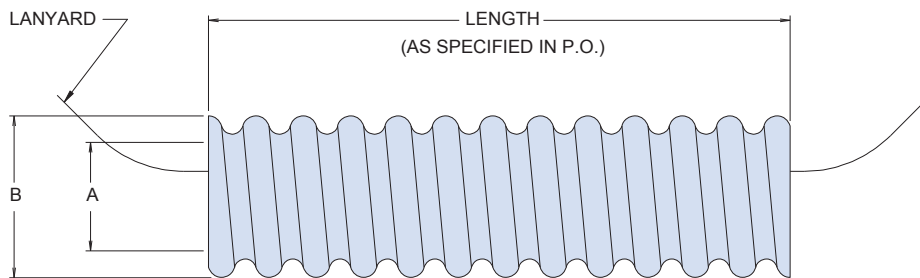


Table I: Tubing Size Order Number and Dimensions

Tubing Size	Fractional Size Ref	A Inside Dia Min	B Dia Max	Min Bend Radius
06	3/16	.181 (4.6)	.320 (8.1)	.50 (12.7)
09	9/32	.273 (6.9)	.414 (10.5)	.75 (19.1)
10	5/16	.306 (7.8)	.450 (11.4)	.75 (19.1)
12	3/8	.359 (9.1)	.510 (13.0)	.88 (22.4)
14	7/16	.427 (10.8)	.571 (14.5)	1.00 (25.4)
16	1/2	.480 (12.2)	.650 (16.5)	1.25 (31.8)
20	5/8	.603 (15.3)	.770 (19.6)	1.50 (38.1)
24	3/4	.725 (18.4)	.930 (23.6)	1.75 (44.5)
28	7/8	.860 (21.8)	1.073 (27.3)	1.88 (47.8)
32	1	.970 (24.6)	1.226 (31.1)	2.25 (57.2)
40	1 1/4	1.205 (30.6)	1.539 (39.1)	2.75 (69.9)
48	1 1/2	1.437 (36.5)	1.832 (46.5)	3.25 (82.6)
56	1 3/4	1.688 (42.9)	2.156 (54.8)	3.63 (92.2)
64	2	1.937 (49.2)	2.332 (59.2)	4.25 (108.0)

Table II

Sym	Tubing Material
E	ETFE, Tefzel IAW SAE-AS81914/5 & 6
F	FEP, Teflon IAW SAE-AS81914/3 & 4
P	PFA, Teflon IAW SAE-AS81914/9 & 10
T	PTFE IAW SAE-AS81914/1 & 2
K	Peek IAW SAE-AS81914/11
R	High Temperature ThermaRex, 300°C

THERMAREX™ HT

PACKAGING

- Long-length orders of 120-100 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 thin-wall, close convolution combination and for PEEK™ and PTFE min/max dimensions.