

Convolute Rolled Tube Products – Phenolic Resins, Synthetic Substrates

Phenolic Resins – Synthetic Substrates	
Grade	RT193PM<
Substrate	Kevlar
NEMA	---
Color	BK

Inside Diameter		Wall Thickness ^A		Outside Diameter	Maximum
Minimum	Maximum	Minimum	Maximum	Maximum	Length ^B
2.000	2.999	0.125	1.500	7.500	48
3.000	4.874	0.125	2.250	7.500	48
4.875	8.999	0.125	3.000	20.000	48
9.000	23.999	0.156	3.000	30.000	48
24.000	29.999	0.187	3.000	41.500	48
30.000	48.000	0.250	3.000	54.000	48

I. Special Exceptions – (For table above)
A. Specifying Inside Diameter and Wall Thickness is not offered in any grade where the outside of the tube is unfinished or requires lathe turning.
B. Supplied at: Random Length = No lengths less than 42" on a 48" standard length. Non-Trimmed is considered a random length but not trimmed to allow for maximum customer yield. Minimum Length is considered the specified length with plus or minus 1.000" allowance Cut-To-Length is: (Tube must be a finished OD) 6" - 48" cut length with maximum Outside Diameter of 0.250" - 5.000"; Tolerance of ± 0.125 " (May cut all – 0.250" or all + 0.250") 12" - 48" cut length with maximum Outside Diameter of 5.001" - 18.000"; Tolerance of ± 0.250 " (May cut all – 0.500" or all + 0.500") 18" - 48" cut length with maximum Outside Diameter of 18.001" - 24.000"; Tolerance of ± 0.250 " (May cut all – 0.500" or all + 0.500") Maximum Outside Diameter is 36.000" for trimmed length.

II. Outside Diameter – Available Finishes		
Outside Diameter		
Minimum	Maximum	Finish
0.156	9.000	Centerless Ground (Standard), As Wound Available
4.875	9.000	Lathe Turned (Non-Standard), Contact Customer Service
9.001	24.000	Lathe Turned (Standard), As Wound Available
24.001	Maximum	As Wound (No Outside Finishing Available)

NOTE: Contact Customer Service for sizes and tolerances not listed. Industrial Standards related to tolerance, finish and workmanship is assumed, unless otherwise specified. Walls greater than 0.500" thick are subject to check marks and/or cracks in the wall.