

Convolute Rolled Tube Products – Phenolic Resins, Paper Substrates

Phenolic Resins – Paper Substrates							
Grade	RT610	RT628	RT628H	RT629	RT630	RT630H	RT630S
NEMA ¹	X	XX			XXX		
Color	NA			NA/BK			NA

Inside Diameter		Wall Thickness ^A		Outside Diameter	Maximum
Minimum	Maximum	Minimum	Maximum	Maximum	Length ^B
0.094	0.186	0.031	0.203	0.500	18
0.187	0.249	0.031	0.218	0.625	36
0.250	0.374	0.031	0.250	0.750	36
0.375	0.624	0.031	0.937	2.500	48
0.625	1.249	0.031	1.562	3.750	48
1.250	2.999	0.031	1.750	6.500	48
3.000	4.874	0.047	1.750	7.500	48
4.875	8.999	0.062	1.750	12.500	48
9.000	23.999	0.094	1.750	27.500	48
24.000	29.999	0.125	1.750	33.500	48
30.000	48.000	0.156	1.750	51.500	48

I. Special Exceptions – (For table above)
<p>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.</p> <p>B. Supplied at: Random Length = No lengths less than 12" on a 18", 18" on a 24", 30" on a 36" or 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") All grades of micro ID tubing (less than 0.188" ID) are offered as random length only. Maximum Outside Diameter is 36.000" for trimmed length. Maximum Wall for any trimmed tube is 4.0"</p>

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. Micro ID Tubing (IDs less than 0.187") is offered in RT628, RT629 and RT630. 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.

¹ For information on Specifications and Standards, see "Tube – Specification Cross Reference".