

Important Product Information

TubeMarker™ 2 - Prints per Ribbon

The maximum number of prints per TubeMarker™ ribbon (300 m x 40 mm) depends on the width of the print. There is a 3 mm gap generated after every print, no matter the size of label or the orientation of the text. This is to ensure fresh ribbon is available for the next print.

Printing Text in Vertical Orientation



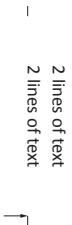
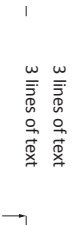

When printing text in vertical orientation, the width of print varies according to the number of lines, the font size and the font type. Reducing the font size and number of lines to be printed, increases the number of prints achievable from one ribbon.

To calculate the number of tubes that can be printed from one ribbon (assuming the label size/data remains constant), the following parameters need to be considered:

A. Number of lines (the width of the print will be the same with each line, the number of characters in one line doesn't affect the number of prints achievable)

B. Font type

C. Font size

Vertical Prints per Ribbon - Comparison Table					
Label information	1 line of text	1 line of text	2 lines of text	3 lines of text	6 x 6 mm Datamatrix code
Font type	Calibri	Calibri	Calibri	Calibri	n/a
Font size	10	20	20	20	n/a
Graphic size	n/a	n/a	n/a	n/a	6 x 6 mm
Examples of vertical prints					
Width (including 3 mm gap)	3 mm	5 mm	9 mm	13 mm	9 mm
Number of prints per 300 m ribbon (ribbon length/print width)	100,000	60,000	33,333	23,076	33,333
Cost per print, based on estimated ribbon list price	£0.001	£0.0017	£0.0031	£0.0045	£0.0031

Printing Text in Horizontal Orientation


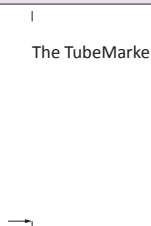
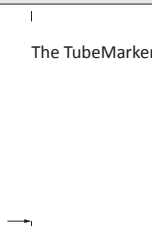
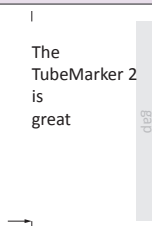
When printing text in horizontal orientation, the dimensions vary with the font size, the font type and most importantly, with the number of characters in each line. Reducing the font size and number of characters to be printed in one line, increases the number of prints achievable from one ribbon.

To calculate the number of tubes that can be printed from one ribbon (assuming the label size/data remains constant), the following parameters need to be considered:

A. Number of characters (the width of the print will vary with the length of the text and thus affects the number of prints achievable, the number of lines doesn't affect the number of prints achievable)

B. Font type

C. Font size

Horizontal Prints per Ribbon - Comparison Table				
Label information	3 characters	16 characters (incl. blanks)	25 characters (incl. blanks)	Longest row: 12 characters (incl. blanks)
Font type	Calibri	Calibri	Calibri	Calibri
Font size	20	20	20	20
Examples of horizontal prints				
Width (including 3 mm gap)	6 mm	23.5 mm	31.5 mm	14.5 mm
Number of prints per 300 m ribbon (ribbon length/print width)	50,000	12,765	9,523	20,689
Cost per print, based on estimated ribbon list price	£0.0020	£0.0082	£0.01	£0.0051

Please contact techsupport@4ti.co.uk should you have any questions or concerns.