Ribbon Information Guide

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is that the bond between the ribbon and the label is critical to the success of the legend permanence. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

Please refer to Ribbon/Material Cross Reference Chart on the following page to determine the appropriate ribbon/material combination.

Ribbon Series	Formulation	Available Colors	Performance Characteristics
R4300	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize bar code readability.
R4400	Resin	Red, Blue, Green & White	High density, excellent solvent resistance, high heat resistance, super scratch resistance.
R4500	Wax/Resin	Red, Blue & Green	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize bar code readability.
R4800	Resin	Black	Excellent solvent and scratch resistance. High heat resistance.
R4900	Resin	Black	Superb smear resistance at high temperatures. Superior solvent resistance.
R6000	Resin	Black	High density, excellent solvent resistance, high heat resistant, super scratch resistance.
R6100	Wax	Black	Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.
R6200	Resin	Black	Designed for harsh environment labeling applications. Superior abrasion, chemical, and heat resistance.
R6300	Resin	Black	Strong environmental resistance against chemicals and washes. Excellent heat resistance.

Ribbon / Width Cross-Reference Guide

	Widths	Series 4300	Series 4400 * (colors)	Series 4500 * (colors)	Series 4800	Series 4900	Series 6000	Series 6100	Series 6200	Series 6300
A	0.800" x 984'				R4811		R6011		R6211	
	1.000" x 984'	R4311								
	1.570" x 984'	R4306			R4806		R6006 **		R6206	
	2.360" x 984'	R4302	R4400	R4500	R4800	R4902	R6000	R6100	R6200	
	3.270" x 984'	R4300	R4402	R4502	R4802	R4900	R6002 **	R6102	R6202	R6302
	4.330" x 984'	R4307	R4407		R4807		R6007 **	R6107	R6207	
	5.120" x 984'	R4304	R4404			R4904	R6004	R6104		
	6.850" x 984'	R4308				R4908	R6008			
B	4.000" x 360'	R4301				R4901	R6001	R6101	R6201	
C	1.570" x 500'	R4303					R6003 **	R6103		
	2.360" x 500'	R4305					R6005	R6105		
	4.330" x 500'	R4309					R6009 **	R6109		

A- Ribbons for standard Brady printers, core ID 1.000", ink side out
B- THT Model 1024, THT Model 1244 and THT Model 1344, core ID 0.500", ink side in
C- Ribbons for THT Model 4042 and Intermec 3440 printers, core ID 1.000", ink side out

* The Series 4400 and 4500 ribbons are offered in the following colors: Red, Blue, Green, White (R4400 only) and Silver (R4500 only).

**The Series 6000 ribbons marked with double asterisks are available on fiber or plastic cores for clean room applications. (example: R6006 and R6006PC)

FYI

How to find out how many labels per THT ribbon:

Our THT ribbons are 984 feet long.

984 ft x 12 inches = 11,808 inches
11,808 divided by label vertical repeat = labels per ribbon.

To find your vertical repeat, see Index starting on page 84. Use column D for your vertical repeat.

RIBBON GUIDES   THERMAL TRANSFER LABELS