



Ribbon Information Guide

All Brady ribbons are developed to meet the performance requirements of the materials printed. The combination of the ribbon and label material determine the success of the legend performance. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

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 barcode readability.
R4400	Resin	Red, Blue, Green, White	High density, excellent solvent resistance, high heat resistance, super scratch resistance.
R4500	Wax/Resin	Red, Blue, Green, Silver	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.
R4900	Resin	Black	Superb smear resistance at high temperatures. Superior solvent resistance.
R6000	Resin	Black	High density, excellent solvent resistance, high heat resistance, 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.
R6400	Resin	Black	High density, excellent solvent resistance, high heat resistance, super scratch resistance.
R6600	Resin	Black	Diesel resistant for printing on Brady PermaSleeve and Heatex Sleeves.
R6700	Wax/Resin	White	High performance against scratching, smudging, and harsh chemicals.



How Many Labels Per THT Ribbon?

Our standard THT ribbons are 984 feet long (unless otherwise noted).

Step 1: 984 feet = 11,808 inches

Step 2: $\frac{11,808 \text{ inches}}{\div \text{label vertical repeat}} = \text{total label rows per ribbon}$

Step 3: $\frac{\text{total label rows per ribbon} \times \text{number of labels across}}{=} = \text{total labels per ribbon}$

To find your label vertical repeat, see Index starting on page 20. Use column D for your vertical repeat.

Ribbon/Width Cross-Reference Guide

	Widths	Series 4300	Series 4400	Series 4500	Series 4900	Series 6000	Series 6100	Series 6200	Series 6400	Series 6600	Series 6700
A	0.800" x 984'					R6011		R6211			
	1.000" x 984'	R4311									
	1.570" x 984'	R4306				R6006**		R6206	R6406		
	2.360" x 984'	R4302	R4400	R4500	R4902	R6000	R6100	R6200	R6400	R6600	R6700
	3.270" x 984'	R4300	R4402	R4502	R4900	R6002**	R6102	R6202	R6402	R6602	R6702
	4.330" x 984'	R4307	R4407	R4507		R6007**	R6107	R6207	R6407	R6607	R6707
	5.120" x 984'	R4304	R4404		R4904	R6004	R6104				
	6.850" x 984'	R4308			R4908	R6008					
B	0.800" x 984'										
	1.000" x 984'										
	1.570" x 984'	IP-R4306				IP-R6006		IP-R6206	IP-R6406		
	2.360" x 984'	IP-R4302	IP-R4400	IP-R4500	IP-R4902	IP-R6000	IP-R6100	IP-R6200	IP-R6400	IP-R6600	IP-R6700
	3.270" x 984'	IP-R4300	IP-R4402	IP-R4502	IP-R4900	IP-R6002	IP-R6102	IP-R6202	IP-R6402	IP-R6602	IP-R6702
	4.330" x 984'	IP-R4307	IP-R4407	IP-R4507		IP-R6007	IP-R6107	IP-R6207	IP-R6407	IP-R6607	IP-R6707
	5.120" x 984'										
	6.850" x 984'										
C	4.000" x 360'	R4301			R4901	R6001	R6101	R6201	R6401		
D	1.570" x 500'	R4303				R6003					
	2.360" x 500'	R4305				R6005					
	4.330" x 500'	R4309				R6009	R6109				
E	4.000" x 242'	R4313	R4413-WT	R4513-SV	R4913	R6013		R6213	R6413	R6613	

A- Ribbons for standard Brady printers, core ID 1.000", ink side out.

B- Ribbons for Brady IP™ Printers, core ID 1.000", ink side out.

C- Ribbons for THT Model 1024, THT Model 1244, and THT Model 1344, core ID 0.500", ink side in.

D- Ribbons for THT Model 4042 and Intermec 3440 printers, core ID 1.000", ink side out

E- Ribbons for Brady BBP™11 Printers, core ID 0.500", ink side out. R4513-SV is a 2.2" ribbon on a 4.330" core.

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