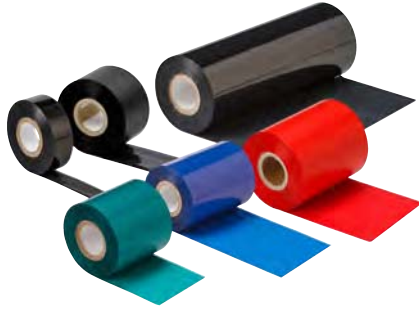


# THT Print Ribbons



## Thermal Transfer Print Ribbons (1.000" core, ink side out)

All Brady print 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.

### The following ribbons are compatible with Brady printers:

- BradyPrinter i7100
- BBP®72 Sleeve Printer
- BBP®81 Label Printer
- PR-Plus Printer
- MVP Plus Series
- X+II Series Label Machine
- TAGUS™ Printer

Benchmark Printers

Series Description	Catalog #	Size	Color
<b>R4300 Wax/Resin</b> Strong environmental resistance against smearing and chemicals. Reliable, sharp-edge print quality to maximize barcode readability.	R4311	1.000" x 984'	Black
	R4306	1.570" x 984'	Black
	R4302	2.360" x 984'	Black
	R4300	3.270" x 984'	Black
	R4307	4.330" x 984'	Black
	R4304	5.120" x 984'	Black
	R4308	6.850" x 984'	Black
<b>R4400 Resin</b> High density, excellent solvent resistance, high heat resistance, super scratch resistance.	R4400-WT	2.360" x 984'	White
	R4402-WT	3.270" x 984'	White
	R4407-WT	4.330" x 984'	White
	R4404-WT	5.120" x 984'	White
	R4400-GR *	2.360" x 984'	Green
	R4402-GR *	3.270" x 984'	Green
	R4400-RD *	2.360" x 984'	Red
	R4402-RD *	3.270" x 984'	Red
	R4407-RD *	4.330" x 984'	Red
	R4400-BL *	2.360" x 984'	Blue
R4402-BL *	3.270" x 984'	Blue	
R4407-BL *	4.330" x 984'	Blue	
<b>R4500 Wax/Resin</b> Strong environmental resistance against smearing and chemicals. Reliable, sharp-edge print quality to maximize barcode readability.	R4500-RD	2.360" x 984'	Red
	R4502-RD	3.270" x 984'	Red
	R4507-RD	4.330" x 984'	Red
	R4502-SV	3.270" x 984'	Silver
	R4500-BL	2.360" x 984'	Blue
	R4502-BL	3.270" x 984'	Blue
	R4507-BL	4.330" x 984'	Blue
<b>R4700 Resin</b> Use in conjunction with Brady's matte polyimide to eliminate the need to reflow or pre-bake labels prior to an inline or batch wash process	R4702	2.360" x 984'	Black
	R4706	1.570" x 984'	Black
	R4707	4.330" x 984'	Black
<b>R4900 Resin</b> Superb smear resistance at high temperatures. Superior solvent resistance.	R4902	2.360" x 984'	Black
	R4900	3.270" x 984'	Black
	R4908	6.850" x 984'	Black

Series Description	Catalog #	Size	Color
<b>R6000 Resin</b> Halogen free, high density, excellent solvent resistance, high heat resistance, super scratch resistance.	R6011	0.800" x 984'	Black
	R6006	1.570" x 984'	Black
	R6000	2.360" x 984'	Black
	R6002	3.270" x 984'	Black
	R6007	4.330" x 984'	Black
	R6004	5.120" x 984'	Black
	R6008	6.850" x 984'	Black
<b>R6100 Wax/Resin</b> Outstanding durability for a general purpose ribbon. Reduced print head energy requirements.	R6100	2.360" x 984'	Black
	R6102	3.270" x 984'	Black
	R6107	4.330" x 984'	Black
	R6104	5.120" x 984'	Black
<b>R6200 Resin</b> Designed for harsh environment labeling applications. Superior abrasion, chemical and heat resistance.	R6206	1.570" x 984'	Black
	R6200	2.360" x 984'	Black
	R6202	3.270" x 984'	Black
	R6207	4.330" x 984'	Black
	<b>R6400 Resin</b> High density, excellent solvent resistance, high heat resistance, super scratch resistance.	R6406	1.570" x 984'
R6400		2.360" x 984'	Black
R6402		3.270" x 984'	Black
R6407		4.330" x 984'	Black
<b>R6600 Resin</b> Diesel resistant for printing on Brady PermaSleeve and Heatex Sleeves.	R6600	2.360" x 984'	Black
	R6602	3.270" x 984'	Black
	R6607	4.330" x 984'	Black
<b>R6700 Wax/Resin</b> High performance against scratching, smudging and harsh chemicals.	R6700-WT	2.360" x 984'	White
	R6702-WT	3.270" x 984'	White
	R6707-WT	4.330" x 984'	White
<b>R6800 Resin</b> Specialized white ribbon to be used on dark colored PermaSleeve HT markers.	R6800-WT	2.360" x 984'	White
	R6800-WT	3.270" x 984'	White
	R6807-WT	4.330" x 984'	White

\* ⚠ **WARNING:** Reproductive Harm [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Ribbons

### Understanding ribbon parts:

**R4313**

Ribbon Series:  
R4300 Series

Ribbon Dimension:  
4.000" x 242'

### Calculate how many labels per THT ribbon:

Standard THT ribbons are 984 ft long (unless otherwise noted).

**Step 1:** 984 feet = 11,808 inches

**Step 2:** 11,808 inches  
÷ label vertical repeat  
= total label rows per ribbon

**Step 3:** total label rows per ribbon  
x number of labels across  
= total labels per ribbon



## i5100 and IP™ Thermal Transfer Print Ribbons

(1.000" core, ink side out)

IP-Enabled print ribbons come spooled on a specially designed core.

The following ribbons are compatible with Brady printers:

- BradyPrinter i5100
- Brady IP Printer

Series Description	Catalog #	Size	Color
<b>R4300 Wax/Resin</b> Strong environmental resistance against smearing and chemicals. Reliable, sharp-edge print quality to maximize barcode readability.	IP-R4306	1.570" x 984'	Black
	IP-R4302	2.360" x 984'	Black
	IP-R4300	3.270" x 984'	Black
	IP-R4307	4.330" x 984'	Black
<b>R4400 Resin</b> High density, excellent solvent resistance, high heat resistance, super scratch resistance.	IP-R4400-WT	2.360" x 984'	White
	IP-R4402-WT	3.270" x 984'	White
	IP-R4407-WT	4.330" x 984'	White
	IP-R4400-GR *	2.360" x 984'	Green
	IP-R4402-GR *	3.270" x 984'	Green
	IP-R4400-RD *	2.360" x 984'	Red
	IP-R4402-RD *	3.270" x 984'	Red
	IP-R4407-RD *	4.330" x 984'	Red
	IP-R4400-BL *	2.360" x 984'	Blue
	IP-R4402-BL *	3.270" x 984'	Blue
IP-R4407-BL *	4.330" x 984'	Blue	
<b>R4500 Wax/Resin</b> Strong environmental resistance against smearing and chemicals. Reliable, sharp-edge print quality to maximize barcode readability.	IP-R4500-RD	2.360" x 984'	Red
	IP-R4502-RD	3.270" x 984'	Red
	IP-R4507-RD	4.330" x 984'	Red
	IP-R4502-SV	3.270" x 984'	Silver
	IP-R4500-BL	2.360" x 984'	Blue
IP-R4502-BL	3.270" x 984'	Blue	
IP-R4507-BL	4.330" x 984'	Blue	
<b>R4900 Resin</b> Superb smear resistance at high temps. Superior solvent resistance.	IP-R4902	2.360" x 984'	Black
	IP-R4900	3.270" x 984'	Black
<b>R6000 Resin</b> Halogen free, high density, excellent solvent resistance, high heat resistance, super scratch resistance.	IP-R6006	1.570" x 984'	Black
	IP-R6000	2.360" x 984'	Black
	IP-R6002	3.270" x 984'	Black
	IP-R6007	4.330" x 984'	Black

\* ⚠️ **WARNING:** Reproductive Harm [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Series Description	Catalog #	Size	Color
<b>R6100 Wax/Resin</b> Outstanding durability for a general purpose ribbon. Reduced print head energy requirements.	IP-R6100	2.360" x 984'	Black
	IP-R6102	3.270" x 984'	Black
	IP-R6107	4.330" x 984'	Black
<b>R6200 Resin</b> Designed for harsh environment labeling applications. Superior abrasion, chemical and heat resistance.	IP-R6206	1.570" x 984'	Black
	IP-R6200	2.360" x 984'	Black
	IP-R6202	3.270" x 984'	Black
	IP-R6207	4.330" x 984'	Black
<b>R6400 Resin</b> High density, excellent solvent resistance, high heat resistance, super scratch resistance.	IP-R6406	1.570" x 984'	Black
	IP-R6400	2.360" x 984'	Black
	IP-R6402	3.270" x 984'	Black
	IP-R6407	4.330" x 984'	Black
<b>R6600 Resin</b> Diesel resistant for printing on Brady PermaSleeve and Heatex Sleeves.	IP-R6600	2.360" x 984'	Black
	IP-R6602	3.270" x 984'	Black
	IP-R6607	4.330" x 984'	Black
<b>R6700 Wax/Resin</b> High performance against scratching, smudging and harsh chemicals.	IP-R6700-WT	2.360" x 984'	White
	IP-R6702-WT	3.270" x 984'	White
	IP-R6707-WT	4.330" x 984'	White
<b>R6800 Resin</b> Specialized white ribbon to be used on dark colored PermaSleeve HT markers.	IP-R6800-WT	2.360" x 984'	White
	IP-R6800-WT	3.270" x 984'	White
	IP-R6807-WT	4.330" x 984'	White
108231	Non RFID-enabled ribbon core		
149562	Spare Brady ribbon take-up spindle		

Benchtop Printers

## THT Models 1024, 1344 Print Ribbons (0.500" core, ink side in)

Series Description	Catalog #	Size	Color
<b>R4300 Wax/Resin:</b> Strong resistance against smearing and chemicals. A reliable, sharp-edge print quality to maximize readability.	R4301	4.000" x 360'	Black
<b>R4900 Resin:</b> Superb smear resistance at high temperatures. Superior solvent resistance.	R4901	4.000" x 360'	Black
<b>R6000 Resin:</b> Halogen free, high density, excellent solvent resistance, high heat resistance, super scratch resistance.	R6001	4.000" x 360'	Black
<b>R6100 Wax/Resin:</b> Outstanding durability for a general purpose ribbon. Reduced print head energy requirements.	R6101	4.000" x 360'	Black
<b>R6200 Resin:</b> Designed for harsh environment labeling applications. Superior abrasion, chemical and heat resistance.	R6201	4.000" x 360'	Black
<b>R6400 Resin:</b> High density, excellent solvent resistance, high heat resistance, super scratch resistance.	R6401	4.000" x 360'	Black

## THT Models 4042, Intermec 3440 Print Ribbons (1.000" core, ink side out)

Series Description	Catalog #	Size	Color
<b>R4300 Wax/Resin:</b> Strong resistance against smearing and chemicals. A reliable, sharp-edge print quality to maximize readability.	R4303	1.570" x 500'	Black
	R4305	2.360" x 500'	Black
	R4309	3.270" x 500'	Black
<b>R6000 Resin:</b> Halogen free, high density, excellent solvent resistance, high heat resistance, super scratch resistance.	R6003	1.570" x 500'	Black
	R6005	2.360" x 500'	Black
	R6009	3.270" x 500'	Black
<b>R6100 Wax/Resin:</b> Outstanding durability for a general purpose ribbon. Reduced print head energy requirements.	R6109	3.270" x 500'	Black

Ribbons