

Thermal Transfer Print Ribbons

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Benchmark Thermal Transfer Materials



Thermal Transfer Printer Ribbons

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.

Printer Specific Ribbons

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Ribbon Characteristics

	4300 Series	4400 Series	4500 Series	4900 Series	6000 Series	6100 Series	6200 Series	6400 Series	6600 Series	6700 Series	6800 Series
Formulation	Wax/Resin	Resin	Wax/Resin	Resin	Resin	Wax/Resin	Resin	Resin	Resin	Wax/Resin	Resin
Available Colors	Black	Red, Blue, Green, White	Red, Blue, Green, Silver	Black	Black	Black	Black	Black	Black	White	White
Performance Characteristics	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.	High density, excellent solvent resistance, high heat resistance, super scratch resistance.	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.	Superb smear resistance at high temperatures. Superior solvent resistance.	Halogen free, high density, excellent solvent resistance, high heat resistance, super scratch resistance.	Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.	Designed for harsh environment labeling applications. Superior abrasion, chemical and heat resistance.	High density, excellent solvent resistance, high heat resistance, super scratch resistance.	Diesel resistant for printing on Brady PermaSleeve and Heatex Sleeves.	High performance against scratching, smudging, and harsh chemicals.	Specialized white thermal transfer ribbon to be used on dark colored PermaSleeve HT markers.

Ribbon Catalog Numbers

	4300 Series	4400 Series	4500 Series	4900 Series	6000 Series	6100 Series	6200 Series	6400 Series	6600 Series	6700 Series	6800 Series
Ribbons for BBP®81 Label Printer, Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer and Wraptor™ Wire ID Printer/Applicator needing core ID 1.000" and ink side out.											
0.800" x 984'	–	–	–	–	R6011	–	–	–	–	–	–
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-WT	R6800-WT
3.270" x 984'	R4300	R4402-**	R4502-**	R4900*	–	R6102	R6202	R6402	R6602	R6702-WT	R6800-WT
4.330" x 984'	R4307	R4407-**	R4507-**	–	R6007*	R6107	R6207	R6407	R6607	R6707-WT	R6807-WT
5.120" x 984'	R4304	R4404-WT	–	R4902*	R6004	R6104	–	–	–	–	–
6.850" x 984'	R4308	–	–	R4908*	R6008	–	–	–	–	–	–
Ribbons for Brady IP™ Printers needing core ID 1.000" and ink side out. Please note: White (-WT) IP Print Ribbons for use on gapped and continuous supplies only.											
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-WT	IP-R6800-WT
3.270" x 984'	IP-R4300	IP-R4402-**	IP-R4502-**	IP-R4900	IP-R6002	IP-R6102	IP-R6202	IP-R6402	IP-R6602	IP-R6702-WT	IP-R6800-WT
4.330" x 984'	IP-R4307	IP-R4407-**	IP-R4507-**	–	IP-R6007	IP-R6107	IP-R6207	IP-R6407	IP-R6607	IP-R6707-WT	IP-R6807-WT
Ribbons for THT Model 1024, THT Model 1244, and THT Model 1344 needing core ID 0.500" and ink side in.											
4.000" x 360'	R4301	–	–	R4901	R6001	R6101	R6201	R6401	–	–	–
Ribbons for THT Model 4042 and Intermec 3440 printers needing core ID 1.000" and ink side out.											
1.570" x 500'	R4303	–	–	–	R6003	–	–	–	–	–	–
2.360" x 500'	R4305	–	–	–	R6005	–	–	–	–	–	–
4.330" x 500'	R4309	–	–	–	R6009	R6109	–	–	–	–	–
Ribbons for Brady BBP®11 Printers needing core ID 0.500" and ink side out.											
4.000" x 242'	R4313	R4413-WT	R4513-SV†	R4913	R6013	–	R6213	R6413	R6613	–	–

* Available on fiber or plastic cores for clean room applications. When ordering, please include "PC" at the end of the ribbon Catalog #. Example: R6006PC.
 ** For R4400 and R4500 series ribbons, replace the double asterisk (**) with a color selection. Color abbreviations are WT, BK, RD, BL, GR, SV. Not all colors available in all sizes.
 † R4513-SV is a 2.2" ribbon on a 4.330" core

Understanding Ribbon Part Numbers:

Example: **R4311**

Ribbon Series: R4300 Series
Ribbon Dimension: 1.000" x 984'

Calculate How Many Labels Per THT Ribbon:

Standard THT ribbons are 984 feet 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