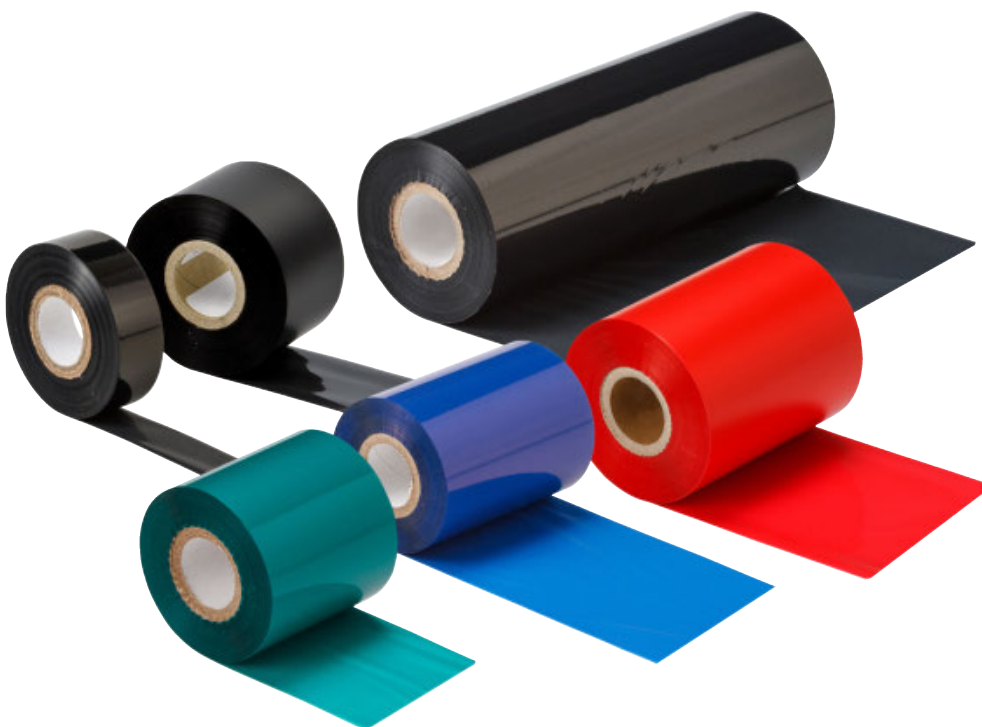


Thermal transfer print ribbons

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. Please refer to the Ribbon/material cross reference chart on the following page to determine the appropriate ribbon/material combination.

Ribbon characteristics

Printer Ribbon Series	Formulation	Colour	Notes / Details
R4300	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R4400	Resin	Blue, Green, Red	High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.
R4500	Wax/Resin	Blue, Red, Silver	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R4900	Resin	Black	This ribbon has superb smear resistance at high temperatures and superior solvent resistance.
R6000HF	Resin	Black	High density halogen free ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.
R6100	Wax/Resin	Black	Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.
R6200	Resin	Black	Designed for harsh environment labelling applications. Superior abrasion, chemical and heat resistance. Ribbons include spindle.
R6300	Resin	Black	High density ribbon, excellent solvent resistance, high heat and scratch resistance.
R6400	Resin	Black	Ultra high chemical resistance at high temperatures. Superior solvent resistance.
R6600	Resin	Black	Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has excellent chemical and abrasion resistance.
R6700	Wax/Resin	White	The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve™ materials.
R6800	Resin	White	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R7940	Wax	Black	General purpose, standard performance wax ribbon for paper and temporary labelling.
R7942	Wax	Black	General purpose, standard performance wax ribbon for paper and temporary labelling.
R7950	Wax/Resin	Black, Blue, Green, Red	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R7953	Wax/Resin	Black	Standard performance alternative wax/resin ribbon for R7950 with lower chemical and smear resistance.
R7960	Resin	Black	R7960, when printed on the appropriate Brady label, gives good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.
R7961	Resin	Black	R7961 ribbon, when printed on the appropriate Brady label, gives excellent scratch and good chemical resistance.
R7962	Resin	Black	R7962 is a high performance resin ribbon which gives high smear and scratch resistance and excellent solvent and gas fuel resistance.
R7964	Resin	Black	R7964 ribbon, when printed on the appropriate Brady label, gives good chemical resistance to solvents and sharp printing.
R7990	Resin	Blue, Green, Red, White	Good solvent, smear and high heat resistance colour ribbon.



Ribbon / width cross reference guide

Ribbons THT 12.7 mm diameter core - ink side out

Width (mm)	Length (m)	Colour	Wax		Wax/Resin			Resin									
			R7940	R7942	R4500	R7950	R7953	R4400	R4900	R6000HF	R6400	R6600	R7960	R7961	R7964	R7990	
35.00	70.00	Black	R7940	-	-	R7950	-	-	R4900	-	-	-	R7960	-	-	-	-
56.00	70.00	Silver	-	-	R4500-SV	-	-	-	-	-	-	-	-	-	-	-	-
65.00	70.00	Black	R7940	-	-	R7950	R7953	-	R4900	R6000HF	R6400	-	R7960	-	R7964	-	-
85.00	70.00	Black	R7940	R7942	-	R7950	R7953	-	R4900	-	-	-	R7960	-	-	-	-
110.00	70.00	Black	R7940	R7942	-	R7950	R7953	-	R4900	R6000HF	R6400	R6600	R7960	R7961	R7964	-	-
110.00	70.00	Blue	-	-	-	R7950-BL	-	-	-	-	-	-	-	-	-	-	R7990-BL
110.00	70.00	Green	-	-	-	R7950-GR	-	-	-	-	-	-	-	-	-	-	R7990-GR
110.00	70.00	Red	-	-	-	R7950-RD	-	-	-	-	-	-	-	-	-	-	R7990-RD
110.00	70.00	White	-	-	-	-	-	R4400	-	-	-	-	-	-	-	-	R7990-WT

*102 mm wide x 74 m long.

Ribbons IP Printer (i5100)

Width (mm)	Length (m)	Colour	Wax/Resin				Resin						
			R4300	R4500	R6100	R6700	R4400	R4900	R6000HF	R6200	R6400	R6600	R6800
40.00	300.00	Black	R4300	-	-	-	-	-	IP-R6006HF	R6200	R6400	-	-
60.00	300.00	Black	R4300	-	R6100	-	-	R4400	R4900	IP-R6000HF	R6200	R6400	R6600
60.00	300.00	Blue	-	-	-	-	R4400	-	-	-	-	-	-
60.00	300.00	Green	-	-	-	-	R4400	-	-	-	-	-	-
60.00	300.00	Red	-	R4500	-	-	R4400	-	-	-	-	-	-
60.00	300.00	White	-	-	-	R6700	-	-	-	-	-	-	R6800
83.00	300.00	Black	R4300	-	R6100	-	-	R4900	R6000HF	R6200	R6400	R6600	-
83.00	300.00	Blue	-	R4500	-	-	R4400	-	-	-	-	-	-
83.00	300.00	Green	-	-	-	-	R4400	-	-	-	-	-	-
83.00	300.00	Red	-	R4500	-	-	R4400	-	-	-	-	-	-
83.00	300.00	Silver	-	R4500	-	-	-	-	-	-	-	-	-
83.00	300.00	White	-	-	-	R6700	R4400	-	-	-	-	-	R6800
110.00	300.00	Black	R4300	-	R6100	-	-	-	IP-R6007HF	R6200	R6400	R6600	-
110.00	300.00	Blue	-	R4500	-	-	R4400	-	-	-	-	-	-
110.00	300.00	Red	-	R4500	-	-	R4400	-	-	-	-	-	-
110.00	300.00	White	-	-	-	R6700	R4400	-	-	-	-	-	-

Ribbons THT 25.4 mm diameter core - ink side out

Width (mm)	Length (m)	Colour	Wax	Wax/Resin						Resin											
				R7942	R4300	R4500	R7950	R7953	R6100	R6700	R4400	R4900	R6000HF	R6200	R6300	R6400	R6600	R6800	R7960	R7961	R7962
25.40	300.00	Black	-	R4300	-	R7950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40.00	300.00	Black	R7942	R4300	-	R7950	-	-	-	-	-	R6006HF	R6200	R6300	R6400	R6600	-	R7960	-	-	-
60.00	300.00	Black	R7942	R4300	-	R7950	-	-	-	R4400	R4900	-	R6200	R6300	R6400	R6600	-	-	R7961	-	R7964
60.00	300.00	Blue	-	-	R4500	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
60.00	300.00	Green	-	-	-	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
60.00	300.00	Red	-	-	R4500	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
60.00	300.00	White	-	-	-	-	-	-	R6700	-	-	-	-	-	-	-	-	R6800	-	-	-
83.00	300.00	Black	-	R4300	-	R7950	R7953	-	-	-	R4900	R6002HF	R6200	R6300	R6400	R6600	-	-	-	-	-
83.00	300.00	Blue	-	-	R4500	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
83.00	300.00	Green	-	-	-	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
83.00	300.00	Red	-	-	R4500	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
83.00	300.00	Silver	-	-	R4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83.00	300.00	White	-	-	-	-	-	-	R6700	R4400	-	-	-	-	-	-	-	R6800	-	-	-
90.00	300.00	Black	R7942	-	-	R7950	R7953	-	-	-	-	-	-	-	-	-	-	R7960	R7961	R7962	R7964
110.00	300.00	Black	R7942	R4300	-	R7950	R7953	R6100	-	-	-	-	R6200	R6300	R6400	R6600	-	-	R7961	R7962	R7964
110.00	300.00	Blue	-	-	-	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
110.00	300.00	Red	-	-	-	-	-	-	-	R4400	-	-	-	-	-	-	-	-	-	-	-
110.00	300.00	White	-	-	-	-	-	-	R6700	R4400	-	-	-	-	-	-	-	R6800	-	-	-
130.00	300.00	Black	-	R4300	-	R7950	-	-	-	-	R4900	-	-	-	-	-	-	-	-	-	-
130.00	300.00	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170.00	300.00	Black	R7942	R4308	-	R7950	-	-	-	-	-	R6008HF	R6208	-	-	-	-	-	R7960	R7961	-

320 m long instead of 300 m. **80 mm wide instead of 83 mm wide. * 174 mm wide instead of 170mm wide.

Thermal transfer print ribbons

Ribbon / material cross-reference guide

To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

●	Recommended ribbon for use with respective material.
▲	Acceptable ribbon for use with respective material.
U	Materials are UL recognised with its respective ribbon.
C	Materials are CSA approved with its respective ribbon.
cU	Materials are cUL recognised with its respective ribbon.
W	White ribbon
S	Silver ribbon

B-#	Material	R4300	R4400	R4500	R4900	R6000HF	R6100	R6200	R6300	R6400	R6600	R6700	R6800	R7940	R7942	R7950	R7961
B-109	Polyethylene Tag	●	-	-	-	-	-	▲	-	-	-	-	-	-	-	●	▲
B-342	PermaSleeve	●	-	● S	-	-	-	-	-	-	-	● W	-	-	-	●	-
B-345	PermaSleeve	-	▲ W	-	-	●	-	-	-	-	▲	-	● W	-	-	-	-
B-350	Polyester/Paper	-	▲	-	● U	▲	-	-	-	-	-	-	-	-	-	-	-
B-351	Vinyl	-	-	-	-	▲	-	●	-	-	-	-	-	-	-	-	-
B-362	Vinyl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-408	Paper	-	-	-	-	-	●	-	-	-	-	-	-	▲	▲	-	-
B-412	Polypropylene Tag	▲	-	-	-	-	-	●	-	-	-	-	-	-	-	▲	●
B-413	Polyester	-	●	-	▲	● cU / U	-	▲ cU	-	-	-	-	-	-	-	-	▲
B-422	Polyester	-	●	-	▲ U	● U	-	-	-	-	-	-	-	-	-	-	▲
B-423	Polyester	-	●	-	▲ U	● U	-	▲	-	-	-	-	-	-	-	-	▲
B-423Y	Polyester	-	-	-	-	● U	-	▲ U	-	-	-	-	-	-	-	-	-
B-424	Paper	●	-	▲	-	-	▲	-	-	-	-	-	-	▲	▲	●	-
B-425	Polypropylene	● U	-	●	-	-	-	● U / C	-	● U / C	-	-	-	-	-	●	▲ U / C
B-427	Vinyl	● U	-	▲	-	-	-	▲ U	-	-	-	-	-	-	-	●	▲
B-428	Polyester	● U / C	-	-	-	-	-	▲ C	-	-	-	-	-	-	-	● U	▲
B-430	Polyester	-	▲	-	▲ U	● U	-	▲	-	-	-	-	-	-	-	-	▲
B-432	Polyester	-	▲	-	▲ U	● U	-	▲	-	-	-	-	-	-	-	-	▲
B-434	Polyester	-	-	-	● U / C	● U	-	-	-	-	-	-	-	-	-	-	-
B-435	Polyester	-	-	-	▲ U	● U	-	-	-	-	-	-	-	-	-	-	-
B-437	Tedlar®	●	-	-	-	-	-	●	-	-	-	-	-	-	-	●	▲
B-438	Polyester	● U / C	-	▲	-	-	-	-	-	-	-	-	-	-	-	● U / C	-
B-439	Vinyl	-	▲ W	-	▲	●	-	-	-	-	-	-	-	-	-	-	-
B-449	Polyolefin	▲	-	-	-	-	-	●	-	-	-	-	-	-	-	▲	▲
B-459	Polyester	-	▲ U	-	▲ U / C	● U	-	-	-	-	-	-	-	-	-	-	-
B-473	Polyester	-	-	-	▲ U	● U	-	-	-	-	-	-	-	-	-	-	-
B-480	Polyester	-	●	-	▲	● cU / U	-	▲ U	-	-	-	-	-	-	-	-	▲
B-483	Polyester	-	▲	-	▲ U	● U	-	-	-	-	-	-	-	-	-	-	-
B-484	Polyester	-	▲	-	▲ U	● U	-	-	-	-	-	-	-	-	-	-	-
B-486	Polyester	● U / C	-	-	-	-	-	▲ C	-	-	-	-	-	-	-	●	▲
B-488	Polyester	● U / C	-	-	-	-	-	▲ U / C	-	-	-	-	-	-	-	●	▲
B-489	Polyester	● U / C	-	-	-	-	-	▲ U / C	-	-	-	-	-	-	-	●	▲
B-498	Vinyl Cloth	▲	-	-	-	▲	-	●	-	-	-	-	-	-	-	▲	▲
B-499	Nylon	▲ U / C	-	▲	● U / C	▲ U	-	▲	-	-	-	-	-	-	-	▲ U / C	▲
B-508	Nomex® Tag	●	-	-	-	-	-	-	-	-	-	-	-	-	-	●	▲
B-533	Polyester	-	●	-	▲	●	-	▲	-	-	-	-	-	-	-	-	-
B-593	Polyester	-	● U / W	-	-	● cU / U	-	-	-	-	-	-	-	-	-	-	-
B-642	Tedlar®	●	-	-	-	-	-	●	-	-	-	-	-	-	-	●	-
B-717	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-718	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-719	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-724	Polyimide	●	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-
B-727	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-728	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-729	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-776	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-777	Polyimide	-	-	-	●	-	-	-	● U	-	-	-	-	-	-	-	-
B-7351	Destructible Vinyl	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-7423	Polyester	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	▲
B-7425	Polypropylene	●	-	-	-	-	-	▲	-	●	-	-	-	-	-	●	▲
B-7546	Polyester	-	▲	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-7563	Metallised Polyester	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	▲ U
B-7566	Polyester	-	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-7576	Polyester	-	▲	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-7593	Polyester	-	-	-	▲	●	-	-	-	-	-	-	-	-	-	-	-
B-7594	Polypropylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	● U
B-7597	Polyethylene	●	-	-	-	-	-	-	-	-	-	-	-	-	-	●	▲
B-7598	Polyethylene Tag	-	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-7599	Polyethylene Tag	●	-	-	-	-	-	-	-	-	-	-	-	-	-	●	▲
B-7606	Paper	●	-	-	-	-	-	-	-	-	-	-	-	▲	▲	●	-
B-7610	Paper	●	-	-	-	-	-	-	-	-	-	-	-	▲	▲	●	-
B-7641	Polyolefin	-	-	-	-	●	-	-	-	-	●	-	-	-	-	-	-
B-7642	Polyolefin	●	-	-	-	-	-	-	●	●	-	-	-	-	-	●	-
B-7643	Polyurethane	-	● W	-	▲	●	-	-	-	-	-	-	-	-	-	-	-
B-7646	Polyolefin Sleeve	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-
B-7696	Vinyl Tag	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-
B-7727	Polyimide	-	-	-	-	● U	-	-	-	-	-	-	-	-	-	-	-
B-8117	Polyester	-	▲ U / W	-	-	-	-	-	-	-	-	-	● U / W	-	-	-	-
B-8423	Polyester	-	▲	-	-	▲ U	-	● U / C	-	-	-	-	-	-	-	-	-
B-8591	Polymer	-	● U / W	-	-	-	-	-	-	-	● U	-	-	-	-	-	-

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