

WAX RESIN RIBBONS

Datasheet

- > Ideal whenever frequent direct contact or handling is needed
- > Made for printed matter which is subject to outdoor elements, e.g. swing tags and hang tags.
- > Toshiba approved for maximum productivity



The wax resin formulations offer the perfect solution for quality label printing. It is the ideal choice for all retail labelling, apparel, swing tags, outdoor applications or any print job that needs good levels of quality printed information. Toshiba wax resin formulations will withstand extremes of weather conditions making them ideal for garden centres or builder's yards. The ink formula offers very good levels of mechanical resistance and performs well on a wide range of synthetic materials, and as with all Toshiba ribbon qualities, produce sharp and clear printed images and barcodes.

As one of Europe's biggest thermal transfer ribbon suppliers, we are committed to quality and reliability to help your business grow. Designed and manufactured to truly demanding industry standards, there is no better choice.

Like all our products, our consumables, too, are designed to improve printing efficiency, while at the same time reducing waste and minimising delivery and transportation costs. This not only saves you money, but also helps create a greener tomorrow.



SPECIFICATIONS

Key features

- > Prints at low temperatures
- > High durability with super solvent resistance
- > Wide range of formulations

	WR1E	WR1F	WR2E	WR2F	WR3E	WR3F	WR4E	WR4F	WR5E	WR5F	WR6E	WR7E
Melting point	80°C	75°C	80°C	75°C	80°C	85°C	84°C	75°C	85°C	84°C	65°C	
Ribbon thickness	< 8 µm	< 9 µm	< 8 µm	< 9 µm	< 8 µm	< 9 µm						
PET thickness	4.5 µm		4.0 µm	4.8 µm	4.5 µm			4.8 µm	4.5 µm			
Backcoating	Silicon based			— ¹⁾	Silicon based		— ¹⁾		Silicon based	— ¹⁾	Silicon based	— ¹⁾
Max. Printing Speed	800 mm/sec	300 mm/sec	700 mm/sec	305 mm/sec	400 mm/sec	300 mm/sec	305 mm/sec		700 mm/sec	254 mm/sec		305 mm/sec
Colour	Black, White, Orange, Brown, Blue, Cyan, Red, Green, Magenta, Yellow 	Black, White, Grey, Brown, Blue, Dark Blue, Red, Dark Red, Green, Dark Green	Black, White, Orange, Brown, Blue, Cyan, Light Red, Light Green, Dark Magenta, Yellow	Black					Black, Metallic White 	Black 		
Storage	5-35°C 20-80% RH								5-35°C 45-85% RH			
Blackness (Macbeth D19C)	2.2 ODR	2.1 ODR	2.0 ODR	1.8 ODR		2.1 ODR	1.86 ODR	1.8 ODR	1.7 ODR	1.98 ODR	2.05 ODR	2.08 ODR
Mechanical resistance	No damage after x cycles:			Very good	No damage after x cycles:		Very good	No damage after 80 cycles	Good			
	70	60	75		60	70						
Heat resistance	100°C			70°C	100°C	150°C	70°C		110°C	120°C	110°C	
Solvent resistance	None											
Head Type	Edge / Near Edge	Flat	Edge / Near Edge	Flat	Edge / Near Edge	Flat	Near Edge	Flat	Edge / Near Edge	Flat	Near Edge	

The specifications above are guidelines and vary depending on the substrates used. Contact us for an individual assessment. Using Toshiba ribbons ensures minimum wear on working parts and a better total cost of Ownership (TCO). Protect your printhead life and warranty by using only Toshiba ribbons which are tailor-made for Toshiba thermal printers.

For further information and a complete list of compatible Toshiba barcode systems and label printers, please contact your local Toshiba partner.

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¹⁾ No information available