

Resin Premium Ribbons

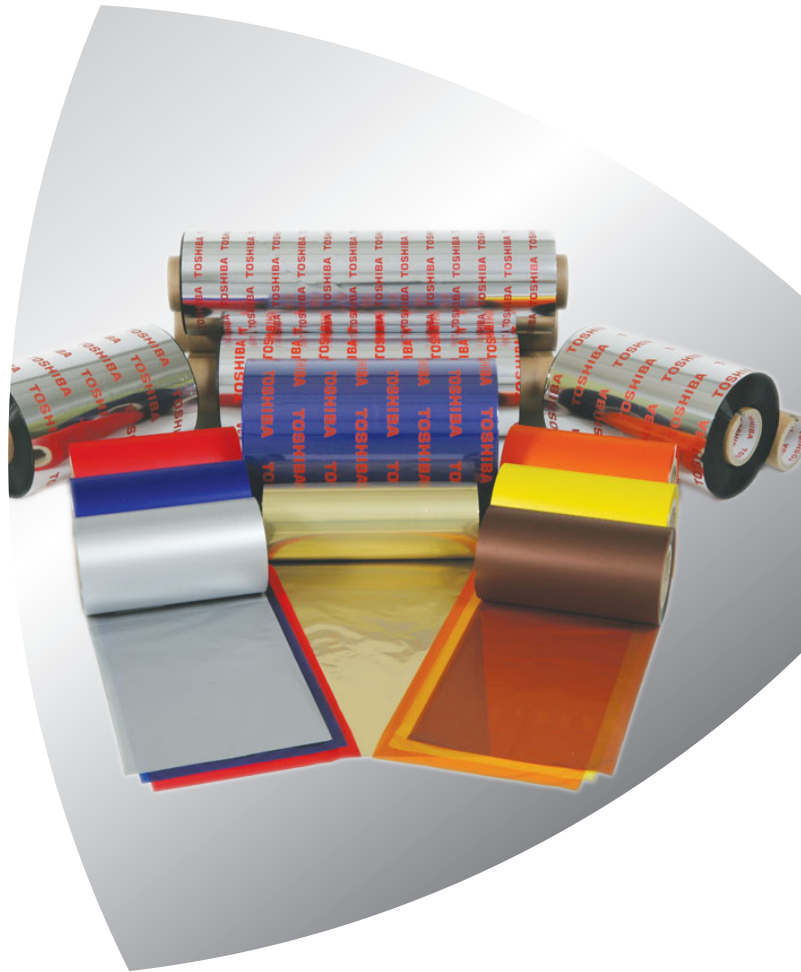
Datasheet

- For applications which require not only high quality but also resistance to mechanical aggression, temperature and solvents.
- Ideal for demanding circumstances in e.g. logistics, chemical or pharmaceutical industry.
- Toshiba approved for maximum productivity.

As with our standard resin range these premium qualities can offer extra resistance to heat, (the printed image will withstand temperatures up to 250°C) solvents, unleaded petrol, brake fluid or strong industrial detergents and bleaching. Suited to a wide range of synthetic material, high gloss and matt coated papers and as with all Toshiba ribbon qualities, the back coating will offer exceptional print head protection.

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

- Superior mechanical and scratch resistance
- Excellent resistance to solvents and high temperature
- Excellent printing quality on textile material
- Withstanding industrial dry cleaning and ironing

	AS2	AS2F	AS5F	SS2F	SS2	RS1	RT1	RS2F	RS3F	RS4F
Melting point	85°C	85°C	75°C	168°C	134°C	97°C	83°C	83°C	97°C	97°C
Ribbon thickness	<9 µm	<9 µm	<8 µm	<8 µm	<5.7 µm	<9 µm	<9 µm	<9 µm	<9 µm	<9 µm
PET thickness	4.5 µm	4.5 µm	4.5 µm	4.8 µm	4.0 µm	4.5 µm	4.5 µm	4.5 µm	4.5 µm	4.5 µm
Backcoating	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based	Silicon based
Max. printing speed	200 mm/s	200 mm/s	200 mm/s	305 mm/s	660 mm/s	254 mm/s	152.4 mm/s	203 mm/s	203 mm/s	203 mm/s
Colour	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
Storage	5-35°C 20-80% RH	Black 5-35°C 20-80% RH	5-35°C 20-80% RH	5-35°C 45-85% RH	5-35°C 45-85% RH	5-35°C 30-85% RH	5-35°C 30-85% RH	5-35°C 30-85% RH	5-35°C 45-85% RH	5-35°C 30-85% RH
Blackness	1.6 ODR	1.6 ODR	1.8 ODR	1.9 ODR	1.4 ODR	2.05 ODR	2.05 ODR	2.08 ODR	2.03 ODR	1.81 ODR
Mechanical resistance	Perfect	Perfect	Perfect	Perfect	Perfect	Perfect	Perfect	Perfect	Perfect	Perfect
Heat resistance	250°C	250°C	300°C	220°C	134°C	150°C	150°C	220°C	150°C	250°C
Solvent resistance (recommended)	Ethanol, IPA, Mineral spirit, Motor oil	Ethanol, IPA, Mineral spirit, Motor oil, Windshield washer	Atron, Aquanox, IPA, MEK, Methanol	Brake fluid, Diesel, Ethanol, IPA, Methanol, Mineral spirit, Motor oil, Unlead petrol 98, Windshield washer	no data available	Diesel, Ethanol, IPA, Motor oil, Unlead petrol, 98, Windshield washer	Bleaching, Dry cleaning, Home washing, Industrial washing, Ironing, Stone washing	Diesel, IPA, Motor oil, Unlead petrol 98, Windshield washer	Diesel, Ethanol, IPA, Motor oil, Unlead petrol 98	Acetone, Brake fluid, Diesel, Ethanol, IPA, MEK, Motor oil, Thinner, Toluene, Unlead petrol 98, Windshield washer, Xylene
Head Type	Near edge	Flat	Flat	Flat	Near edge	Near edge/Flat	Near edge/Flat	Flat	Flat	Flat

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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