

Ribbon Selection Guide



4U
works for you!

- ✔ Quality first
- ✔ Value for money
- ✔ Satisfaction guaranteed
- ✔ Support 'Trees For All'

From wax to resin, there's a 4U ribbon for every printing application. Use this quick selection guide to find the right match—fast, simple, and reliable.

With 4U ribbons, you're guaranteed a cost-effective, compatible, and high-performance solution.

HOW TO CHOOSE

BY PRINTER BRAND & MODEL - FLATHEAD

BY PRINTER BRAND & MODEL - NEAR-EDGE

BY RIBBON QUALITY & LABEL MATERIAL

BY RIBBON BRAND

All ribbons mentioned are standard stocking items;
other sizes are available on request.



Printer -
Flathead

Printer -
Near-edge

Label
material

Ribbon
brand

By printer brand & model - Flathead

Standard Wax 4U 100

Most economic ink ribbon to print on normal paper labels.

Standard Wax-Resin 4U 250

The most versatile wax-resin for a wax price. Prints on almost anything.

Standard Resin 4U 300/330

Allround quality resin ribbon with great scratch and smudge resistance.

Premium Wax 4U 120

Premium quality wax ribbon to print scratch-resistant long-lasting images on normal or coated paper.

Premium Wax-Resin 4U 200

Premium quality wax-resin that can be used on a wide variety of substrates or surfaces.

Premium Resin 4U 350

Premium quality resin ribbon for maximum resistance and durability.

PRINTER SPECIFICATION:

Flathead printer, ribbon roll of 300m / 450m / 600m length, with 25mm core, CSO wound (ink side out).

Zebra®	220Xi4 / ZT111 / ZT231 / ZT400 / ZT510 / ZT600
Honeywell®	PD45 / PD45S / PM43 / PM45 / PM65 / Px4i / PX6i / PX45 / PX65 / PX940
Sato®	CL4NX (Plus) / CL6NX (Plus) / S84-ex / S86-ex
TSC®	MB240T / MB241 / MH240 / MH241 / MH261 / MX240P / MX241P / TTP-286MT
Printronix®	T4000 / T6000e / T8000
Toshiba®	B-EX4T2 / B-EX6T2 / B-EX6T / BX410T
CAB®	SQUIX serie
Carl Valentin®	Flexicode 53 12 / ILX / Spectra / Vario / Vita / Compa / SPX / Dynacode
Bixolon®	XT3-40 / XT5-40

Matching
4U
Ribbons



Printer -
Flathead

Printer -
Near-edge

Label
material

Ribbon
brand

PRINTER SPECIFICATION:

Flathead printer, ribbon rolls of max. 300m, with 13mm or 25mm core, CSO wound (ink side out).

Zebra®	ZD220 / ZD230 / ZD410 / ZD411 / ZD420
Honeywell®	PC42E-T / PC42t / PC43t / PC45t
TSC®	TE200 / TX210 / TTP-247 / TH240 / DH240
Printronix®	T800
Toshiba®	B-FV4T / BV410 / BV420
Carl Valentin®	Pica II
Bixolon®	XD3-40 / XD5-40 / XD5-40tR

Matching
4U
Ribbons



PRINTER SPECIFICATION:

Flathead printer, ribbon rolls of max. 74m, with 13mm core, CSO wound (ink side out).

Zebra®	GC420t / GK420t / GX420t / GX430t
TSC®	CG208 TT / CG212 TT / CG412 TT / CT408iTT / CT424iTT / CT4-LX
Printronix®	B-EV4T
Bixolon®	SLP-TX220 / SLP-TX400 / SLP-TX420

Matching
4U
Ribbons



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By printer brand & model - Near-edge

Near-Edge Wax Resin 4U 410
Performance Wax-resin ribbon with thinnest PET film.

Premium Near-Edge Resin 4U 600
High quality resin for high-speed printing on flexible packaging.

Near-Edge Wax Resin 4U 411
Premium-quality ribbon for all near-edge printing, including high speed flexible packaging.

Near-Edge Wax Resin 4U 431
Wax-resin ribbon designed for in-line packaging, or flexible packaging.

PRINTER SPECIFICATION:

Near-edge printer, ribbon roll width 33mm / 55mm / 110mm, CSO wound (ink side out).

Videojet®	Dataflex 6230 (33mm) / Dataflex 6330 (33/55mm) / Dataflex 6530 (55/110mm)
Linx®	TT 500 (33mm) / TT 750 (33/55mm) / TT 1000 (55/110mm)

**Matching
4U
Ribbons**

PRINTER SPECIFICATION:

Near-edge printer, ribbon roll width 33mm / 55mm / 110mm, CSI wound (ink side in).

Markem®	Smartdate X30 / Smartdate X45 / Smartdate X65
Domino®	Vx150i / Vx350i / V320i

**Matching
4U
Ribbons**

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By ribbon quality & label material (substrate)

Every application has different demands. The 4U range makes it simple:

WAX 4U

- **Economical choice** for high-volume printing.
- Produces clear barcodes and text on uncoated paper substrates.
- Best for **shipping, retail, warehousing, and inventory labels**.
- Scratch and smudge resistance for everyday use.

Wax 4U
Ribbons



WAX/RESIN 4U

- **Versatile solution** for both paper and film labels (PE, PP, PET, PVC).
- Higher durability and **better resistance to smudging, scratching, and chemicals**.
- Suitable for logistics, healthcare, industrial products, and semi-outdoor use.

Wax/resin
4U
Ribbons



RESIN 4U

- **Premium performance** for the toughest environments.
- Outstanding resistance to heat, solvents, and abrasion.
- Ideal for **Specialty /durable labels** (pharmaceutical, automotive, chemical drums, outdoor use).
- Ensures long-lasting, high-quality print even in harsh conditions.

Resin 4U
Ribbons



NEAR-EDGE 4U

- Designed for **high-speed Near-Edge printers**.
- Perfect for **flexible packaging and date coding**.
- **Sharp images** even on fast production lines.

Near-
edge 4U
Ribbons



RESIN TEXTILE 4U

- Designed for textile and garment labeling.
- Excellent durability against washing and ironing.
- Produces crisp, long-lasting prints on fabrics.

Resin
textile 4U
Ribbons



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Label
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Ribbon
brand

By Ribbon brand

Switching to 4U is easy. If you already use ribbons from another supplier, simply cross-reference them with the 4U equivalent. Save on recurring costs without compromising on quality.

FLATHEAD	W4U 100 eco	W4U 120 premium	WR4U 250 eco	WR4U 200 premium	WR4U 210	WR4U 220	R4U 330	R4U 350
ZEBRA®	Z2300	Z2100	Z3200				Z5095	Z4800
ARMOR®	AWR1 / AWR8	AWR470 / AWX	APX FH+				AXR7+ / AXR1	AXR 8
ITW®		B220	B120 / B121				B324	B813
IIMAK®	SW150/ SW200	GP725	PM308				SP330	
DNP/SONY®	MP	4085+	TRX50-55				R300	R550
TOSHIBA TEC®	AW1F	AW6F	A-G3				A-S1	
SATO®		SWX-100	SWR-100				SRS-100	
GENERAL®	KTX_4/ HW_2	HW3_5	SR_290				SD_100	
RICOH®					B110T1	B110A	B110CX	
DYNIC®	S2@	S2B	LA8		LA3 / DF322		LR21 / HL21	HL32
TTS®	EXW10	GPX10	PDX25	PDX85				SRX10
TODAYTEC®	TDW108	TDW121	TDM200	TDM238			TDR330	TDR345

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NEAR-EDGE	WR4U 411 NE	WR4U 431 NE	R4U 600 NE
ARMOR®	APR 600	APX 650	AXR600_900
ITW®	B112	P110	P310 / B831
IIMAK®	Netmark IQ	NetFlex+	Netresin IQ
DNP/SONY®	RTR4500	M295HD	R390 / R396
TOSHIBA TEC®	A-G2	A-G6E	A-S1
SATO®	SWR-200	SWE-200	
GENERAL®	HT_110H	SDF200	SDF_300
RICOH®		B130EP	B120HS
DYNIC®	HF12	HF24	HF29 / HT17
MARKEM®		Xtra	Xpert
VIDEOJET®	Standard	Ultra	Premium

TEXTILE	RT4U 930	RT4U 941
ARMOR®	AXR TX	
RICOH®	D110A	
DYNIC®	HL35 / HL101	
GENERAL®	SDC220K	



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Why Choose 4U Ribbons?

Complete Range

Wax, wax/resin, and resin.

Reliable quality

Consistent results across applications.

Wide compatibility

Tested on leading printer brands.

One-stop supplier

Ribbons, labels, and printheads all in one place.

Sustainable impact

Part of every purchase supports Trees for All.

Competitive pricing

Excellent performance without unnecessary cost.

Need help selecting?

If you're not sure which ribbon works best for your setup, our team is ready to help.

 sales@ttr.works

 www.ttr.works

 +31 (0)78 693 2000

We'll make sure you get the right ribbon — quickly, reliably, and cost-effectively.



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