

# kortho

## TT-SERIES RIBBONS

### THE LONGEST RIBBON IN THE WORLD THAT ALSO DOESN'T BREAK OR WRINKLE

With lengths up to 1.800 meters and a carrier thickness of just 4 micron the TT-Series ribbons are by far the longest, but also most compact ribbons on the market. These extreme properties are possible thanks to the patented **SMARTFORCE™** ribbon system of the TT-Series. This system constantly keeps the ribbon tension optimal by regulating it in real-time. By doing so snagging, tension buildups or loose hanging ribbon is prevented, even at extreme ribbon lengths.

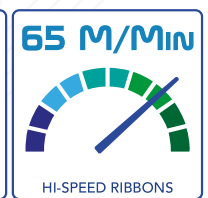
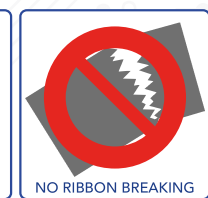
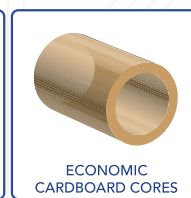
### VERY RARE COMBINATION: ABSOLUTE A-QUALITY RIBBON, BUT AT EXTREMELY LOW PRICES

The large amount of meters on a single roll translate to much lower production costs. This as slitting the same amount of ribbon on smaller rolls will require multiple cutting runs and ribbon cores. Cores on which even more costs are saved thanks to the unique cassette of the TT-Series. Where other printers have to use expensive plastic cores, the TT-Series can flawlessly process cheap cardboard ones. Even at these extreme lengths! All this allows for an extremely competitive roll price even though absolute A-quality ribbon is used.



### THE BEST SUITABLE RIBBON AND OPTIMAL PRINT QUALITY FOR EACH SUBSTRATE

Kortho TT-Series ribbons are classified in three main categories: Standard, Premium and Excellence. Each category having a different compound, but also carrier thickness. Because of this the premium rolls have the same length as standard ones despite their much thicker layer of pigment and resin. Next to these three main categories naturally also special compound or colored ribbons are available. Just send us a sample or your packaging material and we'll find the best suitable ribbon for your application!



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### SPECIFICATIONS KORTHO RIBBONS

- The longest ribbon in the world, so also the least downtime due to ribbon exchanges
- A quality ribbon, but at competitive pricing due to minimal slitting and cardboard cores
- Near-Edge high speed ribbons for printing over 60+ meters/minute
- Compact roll dimensions and low roll weight is achieved through thin carriers
- Premium ribbons compensate thicker resin and pigment layers with even thinner carriers
- Extensive offering of three ribbon categories: **Standard**, **Premium** and **Excellence**
- Ribbons with special compounds or colors also available upon request
- All ribbons are available directly from stock



### TECHNICAL SPECIFICATIONS

Ribbon	TT-53 Standard Black 1800	TT-53 Premium Black 1800	TT-53 Excellence Black 1800
Roll length	1.800 meter	1.800 meter	1.800 meter
Roll width	55 mm	55 mm	55 mm
Roll diameter	12.3 cm	12.3 cm	12.3 cm
Roll weight	800 gr	*	*
M2 on roll	99 m2	99 m2	99 m2
Compound	Predominantly wax + resin	Wax/Resin	Predominantly resin + wax
Carrier thickness	4.5 micron	4 micron	4 micron
Core material	Cardboard	Cardboard	Cardboard
Core notches	No	No	No
Incl. extra core	Yes	Yes	Yes

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