


KURZ WAX RIBBON FLATHEAD

| Ribbon | Colour | On white writing paper | On laminated/smooth paper | On plastic surfaces | Printing speed | Edge definition | Optical density of print | Scratch resistance | Smudge resistance | Gasoline resistance | Ethanol resistance | EN 71 part 3 | Food grade (ISEGA certificate) | Comments |
|-------------|--------|------------------------|---------------------------|---------------------|----------------|-----------------|--------------------------|--------------------|-------------------|---------------------|--------------------|--------------|--------------------------------|--|
| TTR K 100 N | Black | Good | Good | Very Good | Very Good | Very Good | Very Good | Good | Good | | | | | Low cost ribbon suitable for basic standard applications (e.g. paper label with text and barcode) |
| TTR K 101 | Black | Excellent | Excellent | Very Good | Very Good | Very Good | Very Good | Good | Good | | | ✓ | ✓ | For all rough paper qualities, has got the most universal range of applications compared to our other wax foils, high density |
| TTR K 102 N | Black | Good | Very Good | Very Good | Very Good | Very Good | Very Good | Good | Good | | | ✓ | ✓ | Suitable for big quantities on standard applications (e.g. paper label with text and barcode) |
| TTR K 103 | Black | Good | Very Good | Very Good | Very Good | Very Good | Very Good | Good | Good | | | ✓ | ✓ | Quality-wise located between our wax and wax/resin ribbons, can be used on a little less labels than a normal wax foil but very good for special applications (e.g. on PE), good abrasion resistance |
| TTR K 104 N | Black | Good | Very Good | Very Good | Very Good | Very Good | Very Good | Good | Good | | | ✓ | ✓ | Suitable for big quantities on standard applications (e.g. paper label with text and barcode) |
| TTR K 105 | Black | Good | Very Good | Very Good | Very Good | Very Good | Very Good | Good | Good | | | | | Suitable for big quantities on standard applications (e.g. paper label with text and barcode) |

Excellent
Very Good
Good



KURZ WAX/RESIN RIBBON FLATHEAD

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|-----------|-------------------------------|------------------------|---------------------------|---------------------|----------------|-----------------|--------------------------|--------------------|-------------------|---------------------|--------------------|--------------|--------------------------------|---|
| TTR K 200 | Black, more colours available | | Excellent | Good | Very Good | Excellent | Very Good | Good | Good | | | ✓ | ✓ | Universal ribbon for smooth paper surfaces e.g. chromo paper, good scratch and wipe resistance, very neat prints possible, especially small motives, needs more printing energy than a wax quality, higher proportion of wax than resin in the foil |
| TTR K 302 | Black | | Excellent | Excellent | Very Good | Excellent | Very Good | Very Good | Very Good | Good | Good | ✓ | | Most universal wax/resin quality, to be used on a lot of paper and plastic labels, good wipe and scratch resistance, less temperature necessary than with K 200 and K 300 |
| TTR K 305 | Black | | Excellent | Excellent | Very Good | Excellent | Very Good | Very Good | Very Good | Good | Good | ✓ | ✓ | Most universal wax/resin qualityw with an wide range of applications, to be used on a lot of paper and plastic labels, very good wipe and scratch resistance |
| TTR K 308 | Black | | | | | | | | | | | | | |

Excellent
Very Good
Good



KURZ RESIN RIBBON FLATHEAD

| Ribbon | Colour | On white writing paper | On laminated/smooth paper | On plastic surfaces | Printing speed | Edge definition | Optical density of print | Scratch resistance | Smudge resistance | Gasoline resistance | Ethanol resistance | EN 71 part 3 | Food grade (ISEGA certificate) | Comments |
|------------|--------------------------------------|------------------------|---------------------------|---------------------|----------------|-----------------|--------------------------|--------------------|-------------------|---------------------|--------------------|--------------|--------------------------------|--|
| TTR K 500 | Black, White, more colours available | | | Excellent | Good | Excellent | Excellent | Very Good | Excellent | Excellent | Excellent | ✓ | | Ribbon for PE/PVC/PP (smooth surfaces), especially suitable for plastic labels - also for plastic cards (True-Edge printer) and licence plates; very good scratch, wipe and abrasion resistance as well as ethanol and gasoline resistance |
| TTR K 501 | Black, White, more colours available | | | Excellent | Good | Excellent | Excellent | Very Good | Excellent | Good | Excellent | ✓ | | Ribbon for many plastic- and some smooth paper surfaces, partially also suitable for smooth surfaces like Chromolux; good scratch, wipe and gasoline resistance, but not as resistant as K 500, good heat resistance - therefore suitable for lamination |
| TTR K 5000 | Black | | | Excellent | Good | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent | ✓ | | Further development of K 500 with a higher scratch- and abrasion resistance, less printing energy necessary |
| TTR K 503 | Black | | | Excellent | Very Good | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent | ✓ | | Very good abrasion resistance and resistance against gasoline and ethanol, which needs less printing energy - for card printers! |
| TTR K 504 | Black | | | Excellent | Very Good | Excellent | Excellent | Excellent | Excellent | Good | Excellent | ✓ | ✓ | Universal resin ribbon especially for the use on PE materials and plastic surfaces, can also be used on paper surfaces, good abrasion resistance |

Excellent
Very Good
Good



KURZ WAX/RESIN RIBBON NEAR EDGE



| Ribbon | Colour | On white writing paper | On laminated/smooth paper | On plastic surfaces | Printing speed | Edge definition | Optical density of print | Scratch resistance | Smudge resistance | Gasoline resistance | Ethanol resistance | EN 71 part 3 | Food grade (ISEGA certificate) | Comments |
|-------------------|--------------------------|------------------------|---------------------------|---------------------|----------------|-----------------|--------------------------|--------------------|-------------------|---------------------|--------------------|--------------|--------------------------------|---|
| TTR K 700 | Black, Blue, Cobalt blue | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | Especially for inline printing, suitable for printings on foils and PE, to be used where quick printings on packaging is necessary |
| TTR K 700 | White, Silver | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | | Especially for inline printing, suitable for printings on foils and PE, to be used where quick printings on packaging is necessary |
| TTR K 700 plus | Black | | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | Similar to K 700 but far higher wipe and scratch resistance on smooth foils and plastic labels |
| TTR K 703 | Black | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | For desktop printers like Avery, prints well on paper, can also be used on plastic labels, sharp contours and high density |
| TTR K 703 N | Black | | | | | | | | | | | | | Especially for inline printing, suitable for printings on foils and PE, to be used where quick printings on packaging is necessary. prints with good blackness and scratch resistance |
| TTR K 704 (Resin) | Black | | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | | Resin ribbon scratch for use on plastic packaging, needs more temperature |
| TTR K 707 | Black | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | Especially for inline printing, suitable for printings on foils and PE, to be used where quick printings on packaging is necessary. prints with good blackness and scratch resistance |
| TTR K 708 | Black | Very Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | For inline- and desktop printers, prints well on smooth paper and plastic labels, can also be used on rough paper, good edge definition and blackness, high print speed |
| TTR 995488-4,5 | Black | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | For desktop printers like Avery, prints well on paper, can also be used on plastic labels, sharp contours and high density |
| TTR 996034-4,5 | Black | Good | Very Good | Very Good | Excellent | Excellent | Very Good | Very Good | Very Good | | | ✓ | ✓ | For inline- and desktop printers, prints well on smooth paper and plastic labels, can also be used on rough paper, good edge definition and blackness, high print speed |

Excellent
Very Good
Good



KURZ WAX/RESIN RIBBON OVERLAY / RECEPTOR / TEXTILE

| Ribbon | Colour | On white writing paper | On laminated/smooth paper | On plastic surfaces | Printing speed | Edge definition | Optical density of print | Scratch resistance | Smudge resistance | Gasoline resistance | Ethanol resistance | EN 71 part 3 | Food grade (ISEGA certificate) | Comments |
|---|-------------|------------------------|---------------------------|---------------------|----------------|-----------------|--------------------------|--------------------|-------------------|---------------------|--------------------|--------------|--------------------------------|---|
| RESIN RIBBON TRANSPARENT OVERLAY | | | | | | | | | | | | | | |
| TTR K 8151 | Transparent | | | Excellent | Good | | | Excellent | Excellent | Excellent | Excellent | | | Makes the TTR printing on plastic cards more abrasion-resistant and therefore more durable, carrier thickness 5.7 µ |
| TTR K 8350 | Transparent | | | Excellent | Good | Very Good | | Good | Good | TBA | TBA | | | Can be UV-activated, allows information to be hidden since it only becomes visible under a UV light source, good abrasion resistance, carrier 5.7 µ |
| RECEPTOR RIBBON | | | | | | | | | | | | | | |
| A 992950 | Transparent | | | Excellent | Good | | | Excellent | Excellent | TBA | TBA | | | special application, resin foil (Eidos technique) |
| A 994847 | Transparent | Excellent | Excellent | Very Good | Good | | | Very Good | Very Good | | | | | special application, wax foil (Eidos technique) |
| RIBBON FOR TEXTILE | | | | | | | | | | | | | | |
| TTR K 601 | Black | | | | | | | | | | | | | For textile application |

Excellent 
 Very Good 
 Good 