



product name	type	category	printer	description	rough paper	smooth paper	PE	PP gloss	TTO	chemical resistance	mechanical resistance
<b>FLATHEAD</b>											
K 100 N	Wax	Standard	Flathead	perfect quality for the most wax-based applications	3	2	3	3	/	1	1
K 101	Wax	Premium	Flathead	very good blackening due to thick coating, all-purpose application even for rough surfaces, low stability	3	3	2	3	/	1	1
K 101 N	Wax	Premium	Flathead	improved resin formula, above-average stability to scratching and wiping	4	5	3	3	/	1,5	2,5
K 102 N	Wax	Standard	Flathead	multi printing performance at low temperatures, superior printing quality on plastic materials, much better rubbing resistance than K100 N	3	4	2	1	/	1	2
K 103 N	Wax	Premium	Flathead	very good stability, wide temperature range	3	3	4	3	/	1	2,5
K 104 N	Wax	Premium	Flathead	wide range of temperatures, many application possibilities on a variety of surfaces	3	4	2	2	/	1	1
K 200	Wax/Resin	Premium	Flathead	suitable for rough and smooth surfaces, low stability, <b>available in many different colours</b>	3	4	4	4	/	1,5	1,5
K 2000	Wax/Resin	Premium	Flathead	for rough and smooth surfaces, overall solid performance regarding scratching and wiping stability	2	4	5	3	/	2,0	2,0
K 2001	Wax/Resin	Standard	Flathead	sea water resistant, very similar to K 2000 with higher stability	2	3	4	3	/	2,5	2,5
K 302	Wax/Resin	Premium	Flathead	all-purpose use, prints well on all common substrates (coated / uncoated paper, synthetic materials), high scratching and wiping stability, applicable in deep-freeze areas	3	4	4	4	/	3,0	3,0
K 305	Wax/Resin	Premium	Flathead	requires higher temperatures than K 302, in return more stable on smooth surfaces, applicable in deep-freeze areas	3	3	4	4	/	3,0	3,0
K 308	Wax/Resin	Premium	Flathead	prints on all common substrates	2	4	4	3	/	3,0	3,0
K 3921	Wax/Resin	Premium	Flathead	for difficult applications, energy consumption like wax/resin, durability like resin, excellent printing performance on smooth paper-and plastic surfaces, superior mechanical resistance, significantly above the price level of standard wax/resin, but still below the pure-resin qualities, ideal for GHS symbols, <b>also available in colour red</b>	2	4	4	4	/	3,5-4	3,5-4
K 3921 B	Wax/Resin	Premium	Flathead	requires less printing energy compared to K3921 (except on black/white), flat motives and delicate details are printed more accurately, slightly better mechanical and chemical resistance in comparison to K3921, <b>also available in colour red</b>	2	4,5	4	5	/	3,5-4	3,5-4
K 500	Resin	Premium	Flathead	heat resistant, high fuel -and abrasion resistance, suitable for plastic cards, requires high printing energy, in return it offers excellent resistance to temperatures, <b>available in many different colours</b>	/	/	5	4	/	4,5-5	4,5-5
K 5000	Resin	Premium	Flathead	improved version of K500 regarding solvent resistance, requires slightly less printing temperature, oil resistant	1	2	4	3	/	4	4,5-5
K 5050	Resin	Premium	Flathead	same structure as K 5000 on a 5,7my carrier for higher firmness, for slow printing on high temperatures	/	/	/	/	/	4	4,5-5
K 501	Resin	ECO	Flathead	decent printing performance on smooth, synthetic surfaces with solid mechanical resistance, not resistant to solvents, also prints on coated paper, Raflacoat and PP gloss, less stable, UV resistant	1	3	5	3	/	3,5-4	3,5-4
K 503	Resin	Special	Flathead	resin foil for the usage in card printers (debit cards)	/	/	5	3	/	3,5	4
K 504	Resin	Standard	Flathead	solid abrasion- and fuel resistance, needs less temperature than K500, because of that more user- and printhead friendly, see water resistant, suitable for PP gloss, but slightly less stable than on PE	2	4	5	4	/	4-5	4-4,5
K 505	Resin	ECO	Flathead	multi-purpose resin foil, outstanding resistances, prints on paper and plastics	/	1	5	5	/	3-4	3,5-4
K 506	Resin	Standard	Flathead	prints well on plastics, usable on SW and RC, <b>very high fuel resistance on PP-material</b>	2	2	5	4	/	3,5-4,5	3,5-4,5
K 601	Resin	textile	Flathead	for textile labels with appropriate characteristics regarding wash resistance, for acetate silk, at higher speeds suitable for PP gloss	1	3	5	4	/	3,5-4,5	4-5
K 6700	Resin	textile	Flathead	requires less temperature than K601 and K6900, offers higher wash resistance and prints very clear and rich							



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K 6900	Resin	textile	Flathead	more laundering resistant than K601, maintains water resistance after 30 washes at 50°C, Iron-safe up to 150°C, application on nylon, polyester satin, synthetic silk, chemical fibers, BOPP, PET, PP, matte PET, silver PET, gloss PET, vellum, coated paper, PVC, printing on SW + RC is only possible at low speed and high temperatures	1	1	5	4	/	4	4
5-995593-4,5	Resin	plastic cards	Flathead	special development for printing on plastic cards (banking), superior mechanical and chemical resistance, oil-resistant, ATTENTION: Matte side = back coating, glossy side = print side!	/	/	4	4	/	4,5-5	4,5-5
5-996599-5,7	Resin	hose printing	Flathead	Designed for hose/cable sleeve printing, therefore excellent temperature resistance	/	/	4	4	/	4	4-5
K 8151	Resin	Overlay	Flathead	Transparent for covering or over-laminating, suitable for plastics only	1	1	5		/		

## NEAREEDGE

K 700	Wax/Resin	Standard	Near Edge	available in a 4.0 µm version, ideal for TTO and label applications, though less effective on rough paper surfaces, suitable for deep-freeze environments, available in many different colours	2-3	3	4	4	4	1-2	2,5-3
K 7200	Wax/Resin	Standard	Near Edge	suitable for desktop applications on paper up to plastic, partially usable in TTO applications (max. 350 mm/s), decent scratch and rubbing resistance	2-3	3	5	5	4	1,5-2,5	3-3,5
K 7201	Wax/Resin	Premium	Near Edge	mainly intended for TTO applications, excellent resistance (comparable to resin ribbons), highly flexible in use, ideal for desktop and TTO printing, suitable for shrink tunnel processes	3	4	5	4	5	2,5-3,5	3-4
K 703	Wax/Resin	Standard	Near Edge	for desktop applications on labels, excellent on rough paper	4	3	4	4		1,5-2,5	2-3
K 703 N	Wax/Resin	Standard	Near Edge	suitable for deep-freeze environments and standard TTO applications, supports high-speed printing, offers deep black print, and excellent durability on smooth surfaces	3	4	5	5	4	1,5-2,5	2-3
K 707-4,0	Wax/Resin	Standard	Near Edge	suitable for deep-freeze applications, outstanding inline foil for plastics, delivers strong black print on paper labels, high-speed performance and excellent durability on smooth surfaces when used in TTO printing	4	4	5	4	5	2-2,5	2-3,5
K 708	Wax/Resin	Standard	Near Edge	TTO ribbon prints on a wide range of plastic substrates, also well-suited for desktop applications (including paper), can be used on very rough surfaces such as cardboard or Tyvek	4	5	5	4	4	1,5-2	2-3,5
K 7300	Wax/Resin	Standard	Near Edge	flexible use on almost all substrates, suitable for both desktop and TTO applications, shows smudging on PP in desktop use	4	4	4	3	5	2-3	2-3,5
K 7500	Wax/Resin	ECO	Near Edge	for desktop applications up to 350 mm/sec	4	4	5	4	(4)	1,5-2	2,5-3
K 7501	Wax/Resin	ECO	Near Edge	suitable for simple inline applications at high speeds; prints well on all common TTO materials	4	4	5	4	4	1,5-2	2,5-3
7-996627-4,5	Wax/Resin	Premium	Near Edge	good alternative to K 708, delivers excellent printing results on rough materials with high opacity	5	5	5	5			
K 7700	Wax/Resin	Standard/Premium	Near Edge	mixture of K 707 + K 708 for desktop and TTO applications, prints at very high speeds, suitable for use in deep-freeze environments	4	4	4	4	4	2,5 - 3,0	2,5 - 3,5
K 7400	Resin	Standard	Near Edge	suitable for desktop applications on PP, excellent smudge and scratch resistance, very good printing performance, solid resistance to gasoline and alcohol, very high blackness, limited temperature window, only releases at very high temperatures	/	/	2	5	5	2,5-4	3,5-4,5
K 7400 N	Resin	Standard	Near Edge	prints at exceptionally high speeds, very printhead-friendly (lower temperature), suitable for desktop and TTO applications, resistance not as high as K 9200, the print on PP appears pale/gray.	3	4	5	2	5	2,5-3,5	3-4
K 9200	Resin	Premium	Hybrid / FH + NE	suitable for desktop applications in flathead and near-edge printers (at medium speed) and for TTO applications, recommended for use in pasteurization processes, oil-resistant	1	3	5	5	5	3,5-4,5	4-5

### Farblegende:

FlatHead Wax
FlatHead Wax/Resin
FlatHead Resin
FlatHead Resin special ribbons
NearEdge Wax/Resin
NearEdge Resin
Special quality with UV-Coating

The information and results provided are based on in-house laboratory and printing tests at Kurz. They are indicative only and are not binding. They do not replace the Technical Specifications outlined in the applicable Terms and Conditions. It is the customer's responsibility to verify the suitability of the foil for the intended application and printing conditions. Sample rolls and certificates are available upon

### Beständigkeitslegende:

1	insufficient
2	sufficient
3	satisfactory
4	good
5	very good