

SUMMARY OF THE LINX RANGE OF DYE-BASED INKS

LINX INK	Black 1010	Black plastic-adherent 1014	Black plastic-film 1016	Red 1018	Black water-removable 1035	Black wet process 1055	Black wet process 1056	Black bottling 1058	Black oil-penetrating 1062	Black grease-penetrating 1063	Black dry glass 1065	Black bottling 1068	Black alkali-removable 1070	Black alcohol-resistant 1075	Black 1085	Clear UV-readable 1121	Black PE 1130	Black fast-drying 1240	Blue fast-drying 1243	Brown fast-drying 1248	Thermochromic purple to pink 1281	Thermochromic black to blue 1291	Black ultra fast-drying 1405	Black ethanol 2030	Black ethanol 2035	Blue wetness-indicator 2040	Black food-packaging 2250	Black mixed base 3103	Blue mixed base 3123	Green mixed base 3124	Clear security 3160	Black 3240	Black 3401	Red food grade (FDA) 6100	Blue food grade (FDA) 6120	Blue food grade (EU) 6220	
SOLVENT BASE																																					
Base	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₁	Ket ₂	Alc	Alc	Eth	Alc	M ₁	M ₁	M ₁	M ₁	M ₂	M ₃	Eth	Eth	Eth		
Solvent	1505	1505	1506	1505	1535	1555	1555	1558	1505	1563	1565	1568	1560	1575	1585	1590	1530	1512	1512	1517	1545	1545	1705	2500	2500	2505	2750 2502	3501	3501	3501	3560	3710	3905	6600	6650	6650	
Dry time (seconds)	1-2	1-2	1-2	1-2	1-3	1-5	1-5	1-3	1-2	1-2	1-2	1-2	1-3	1-2	1-2	1-2	1-2	1-2	1-2	2-4	2-4	1/2-1	3-5	3-5	3-5	2-4	1-3	1-3	1-3	1-3	2-4	1-3	1-9	1-9	1-9		
Solvent Consumption (ml / hr at 20°C)	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	12-15	3-4	3-4	3-4	3-4	12-15	12-15	12-15	12-15	8-10	12-15	3-3.5	3-3.5	3-3.5		
Shelf life	12	12	12	12	12	12	12	12	6	9	12	9	12	9	15	12	12	15	12	12	12	12	15	15	15	9	12	15	12	12	12	15	12	12	12	9	
CHEMICAL RUB RESISTANCE																																					
Acid	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	
Alkali	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✗	✓	✗	✓	✓	✗	✓	✓	✓	✓	H	H	✓	H	H	✗	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
Detergent	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	H	✓	H	✓	✓	✗	✓	✓	✓	✓	✓	H	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
Petrol	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
Water	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
COLOUR-FASTNESS																																					
Heat / °C	200	200	300	300	300	300	300	300	300	300	200	300	200	200	400	100	300	300	300	200	300	400	300	200	200	-	-	200	200	200	100	300	300	300	300	-	
Light-fastness	4	7	4-5	5	5	4	4-5	4	4	4	7	-	5	6	4	3-4	4	7	3	4-5	5	3	4-5	4	4	2	4-5	4	3	4	2	7	4	2	2	2	
ADHESION																																					
Glass	●	●	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Metal	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	○	○
Plastic	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	○	○	○	

KEY:

SOLVENT BASE

Ket₁ Ketone-based (MEK)
 Ket₂ Ketone-based (acetone)
 Alc Industrial alcohol (ethanol)
 Eth Food grade ethanol
 M₁ Mixed-base (ethanol / acetone)
 M₂ Mixed-base (diethyl ketone / acetone)
 M₃ Mixed-base (methyl acetate / ethanol)

CHEMICAL RUB RESISTANCE

✓ Excellent resistance
 ✗ Poor resistance
 H Excellent resistance following heat treatment (10 min @ 200°C)

COLOUR-FASTNESS

Heat: Maximum legible temperature (30 min exposure)
Light: Blue Wool Scale where 1 = very poor 8 = outstanding

ADHESION

● Recommended for this material
 ○ Not always suitable



THINKING ALONG YOUR LINES

DYE-BASED INKS / PRINTHEAD COMPATABILITY CHART

LINX INK		Black 1010	Black plastic-adherent 1014	Black plastic-film 1016	Red 1018	Black water-removable 1035	Black wet process 1055	Black wet process 1056	Black bottling 1058	Black oil-penetrating 1062	Black grease-penetrating 1063	Black dry glass 1065	Black bottling 1068	Black alkali-removable 1070	Black alcohol-resistant 1075	Black 1085	Clear UV-readable 1121	Black PE 1130	Black fast-drying 1240	Blue fast-drying 1243	Brown fast-drying 1248	Thermochromic purple to pink 1281	Thermochromic black to blue 1291	Black ultra fast-drying 1405	Black ethanol 2030	Black ethanol 2035	Blue wetness-indicator 2040	Black food-packaging 2250	Black mixed base 3103	Blue mixed base 3123	Green mixed base 3124	Clear security 3160	Black 3240	Black 3401	Red food grade (FDA) 6100	Blue food grade (FDA) 6120	Blue food grade (EU) 6220				
Ink type ref*		19	08	40	11	30	29	43	58	78	79	28	82	06	51	66	27	69	01	44	64	70	71	41	25	42	68	48	17	32	33	47	35	65	26	31	36				
PRINTHEADS	PRINTERS																																								
Mk11 MIDI plus	8900, 8910, 8920, 8940	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	N	N	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	
Mk11 MIDI	8900, 8910, 8920, 8940	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	
Mk9 MIDI	CJ400	Y	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	
Mk7 ULTIMA	7900, 5900, 5900DC	Y	Y	Y	Y	N	N	N	N	R	N	Y	N	R	Y	Y	R	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	
Mk7 MIDI	7900, 5900, 5900DC	Y	Y	Y	Y	N	N	N	N	R	N	R	N	Y	Y	Y	R	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Mk7 ULTIMA plus	7900, 5900, 5900DC Spectrum	Y	Y	Y	Y	Y	Y	Y	N	R	N	Y	N	Y	!	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	
Mk7 MIDI plus	7900, 5900, 5900DC Spectrum	Y	Y	Y	Y	Y	Y	Y	N	R	N	Y	N	Y	!	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	
Mk7 MINI	7900 Swift, 5900DC	N	N	N	N	N	N	Y	N	N	N	N	N	N	!	N	!	N	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MICRO	7900	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	!	Y	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MIDI EC (62µm)	7900FG	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	R	R
Mk7 ULTIMA A	7900, 5900, 5900BC, 5900DC, 7900BC	N	N	N	N	R	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MIDI A	7900, 7900BC, 5900, 5900BC	N	N	N	N	R	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	R	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MIDI	7900 Solver, 5900 Solver	Y	Y	Y	Y	N	N	N	N	R	N	R	N	Y	Y	Y	R	R	Y	Y	Y	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Mk7 ULTIMA	7900 Solver, 5900 Solver	Y	Y	Y	Y	N	N	N	N	R	N	Y	N	R	Y	Y	R	R	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Mk7 ULTIMA A	7900 Solver, 5900 Solver	N	N	N	N	R	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MIDI A	7900 Solver, 5900 Solver	N	N	N	N	R	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	R	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MINI	7900 Solver, 5900 Solver	N	N	N	N	N	N	Y	N	N	N	N	N	N	!	N	!	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mk7 MICRO	7900 Solver	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	!	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

KEY: Y Standard combination available for all character heights
 R Available but with restrictions to use. May not be suitable for all applications. Please contact Linx for advice
 ! Non-standard combination. Please contact Linx Sales Office for availability and terms
 N Not approved
 * For use when ordering a new printer with a top level part number

