



Mesh code					Mesh Count		Weaving	Thread diameter	Mesh thickness		Mesh opening	Open Area	Theoretical ink volume					
Thread type	Mesh/cm	Thread dia.	Mech/inch	Weaving	Tolerance ± 3%				115-152cm	165cm & wider			µm	µm	µm	%	115-152cm	165cm & wider
					/cm	/inch												
NL	200	-030/	508	TW	200	508	2:2 TW	30	60 ±3µm	N/A	20	16	9.6	N/A				
NL	180	-030/	460	TW	180	460	2:2 TW	30	60 ±3µm	N/A	25	21	12.4	N/A				
NL	165	-030/	420	PW	165	420	1:1 PW	30	51 ±3µm	51 ±3µm	30	25	12.8	12.8				
NL	165	-035/	420	TW	165	420	2:2 TW	35	70 ±4µm	70 ±4µm	25	17	12.2	12.2				
NL	150	-030/	380	PW	150	380	1:1 PW	30	55 ±3µm	55 ±3µm	37	30	16.8	16.8				
NL	150	-035/	380	TW	150	380	2:2 TW	35	68 ±3µm	68 ±3µm	32	23	15.5	15.5				
NL	140	-030/	355	PW	140	355	1:1 PW	30	52 ±3µm	52 ±3µm	42	34	17.7	17.7				
NL	140	-035/	355	TW	140	355	2:1 TW	35	66 ±3µm	66 ±3µm	37	26	17.4	17.4				
NL	130	-030/	330	PW	130	330	1:1 PW	30	50 ±3µm	50 ±3µm	47	37	18.6	18.6				
NL	130	-035/	330	TW	130	330	2:1 TW	35	66 ±3µm	66 ±3µm	42	30	19.6	19.6				
NL	120	-030/	305	PW	120	305	1:1 PW	30	53 ±3µm	53 ±3µm	53	41	21.6	21.6				
NL	120	-035/	305	PW	120	305	1:1 PW	35	60 ±3µm	60 ±3µm	48	33	20.1	20.1				
NL*	120	-043/	305	TW	120	305	2:1 TW	43	82 ±4µm	82 ±4µm	40	23	19.0	19.0				
NL*	110	-038/	280	PW	110	280	1:1 PW	38	64 ±3µm	64 ±3µm	53	34	21.7	21.7				
NL	106	-035/	270	PW	106	270	1:1 PW	35	60 ±3µm	60 ±3µm	59	39	23.6	23.6				
NL	100	-043/	255	PW	100	255	1:1 PW	43	75 ±4µm	75 ±4µm	57	32	24.4	24.4				
NL	90	-043/	230	PW	90	230	1:1 PW	43	75 ±4µm	75 ±4µm	67	37	27.8	27.8				
NL*	81	-061/	206	TW	81	206	2:1 TW	61	116 ±6µm	116 ±6µm	62	25	29.5	29.5				
NL	79	-050/	200	PW	79	200	1:1 PW	50	86 ±4µm	86 ±4µm	77	37	31.6	31.6				
NL*	77	-061/	196	PW	77	196	1:1 PW	61	111 ±6µm	111 ±6µm	69	28	31.3	31.3				
NL*	73	-061/	185	PW	73	185	1:1 PW	61	114 ±6µm	114 ±6µm	76	31	35.1	35.1				
NL	69	-050/	175	PW	69	175	1:1 PW	50	87 ±4µm	87 ±4µm	95	43	37.3	37.3				
NL*	68	-070/	173	TW	68	173	2:1 TW	70	133 ±7µm	133 ±7µm	77	27	36.5	36.5				
NL	62	-070/	157	PW	62	157	1:1 PW	70	118 ±6µm	118 ±6µm	92	32	38.1	38.1				
NL	62	-080/	157	PW	62	157	1:1 PW	80	146 ±7µm	N/A	82	26	37.4	N/A				
NL	59	-061/	150	PW	59	150	1:1 PW	61	106 ±6µm	106 ±6µm	108	41	43.3	43.3				
NL*	55	-070/	140	PW	55	140	1:1 PW	70	126 ±6µm	126 ±6µm	111	38	47.4	47.4				
NL*	55	-080/	140	PW	55	140	1:1 PW	80	140 ±7µm	140 ±7µm	101	31	43.6	43.6				
NL	49	-070/	125	PW	49	125	1:1 PW	70	121 ±6µm	121 ±6µm	133	43	51.9	51.9				
NL	49	-080/	125	PW	49	125	1:1 PW	80	142 ±7µm	145 ±7µm	123	37	52.1	53.2				
NL	43	-070/	110	PW	43	110	1:1 PW	70	121 ±6µm	121 ±6µm	161	49	58.8	58.8				
NL	43	-080/	110	PW	43	110	1:1 PW	80	140 ±7µm	140 ±7µm	151	43	59.8	59.8				

The above specification may be changed for quality improvement without notice.

*Non-Standard item, available upon request

Please ask your sales rep or supplier for availability and more information.