



NBC Meshtec inc.

Thread type	Mesh code				Mesh Count		Weaving	Thread diameter µm	Mesh thickness			Mesh opening µm	Open Area %	Theoretical ink volume		
	Mesh/cm	Thread dia. Thread dia.	Mech/inch	Weaving	Tolerance ±3%				115-160cm	165-230cm	240cm Up			115-160cm	165-230cm	240cm Up
					/cm	/inch			µm	µm	µm			cm ³ /m ²	cm ³ /m ²	cm ³ /m ²
L-	200 -024/	508	PW	200	508	1:1 PW	24	36 ±2µm	N/A	N/A	24	23	8.3	N/A	N/A	
	200 -027/	508	TW	200	508	2:2 TW	27	52 ±3µm	N/A	N/A	22	19	10.1	N/A	N/A	
	180 -027/	460	PW	180	460	1:1 PW	27	41 ±2µm	42 ±3µm	N/A	24	19	7.7	7.9	N/A	
	180 -030/	460	TW	180	460	2:2 TW	30	55 ±3µm	56 ±4µm	N/A	23	17	9.5	N/A	N/A	
	165 -027/	420	PW	165	420	1:1 PW	27	40 ±2µm	41 ±3µm	N/A	30	25	9.8	10.1	N/A	
	165 -030/	420	PW	165	420	1:1 PW	30	46 ±2µm	47 ±3µm	49 ±4µm	25	18	8.2	8.3	8.7	
UX	165 -033/	420	TW	165	420	2:2 TW	33	60 ±3µm	60 ±3µm	63 ±4µm	24	16	9.4	9.4	9.9	
L-	150 -027/	380	PW	150	380	1:1 PW	27	40 ±2µm	41 ±3µm	N/A	38	32	12.9	13.3	N/A	
L-	150 -030/	380	PW	150	380	1:1 PW	30	45 ±2µm	46 ±3µm	49 ±4µm	33	24	11.0	11.2	11.9	
UX	150 -033/	380	PW	150	380	1:1 PW	33	48 ±2µm	51 ±3µm	53 ±4µm	27	16	7.8	8.3	8.6	
UX	150 -035/	380	TW	150	380	2:2 TW	35	64 ±3µm	64 ±3µm	67 ±5µm	30	20	12.9	12.9	13.5	
L-	140 -027/	355	PW	140	355	1:1 PW	27	40 ±2µm	41 ±3µm	N/A	44	38	15.1	15.5	N/A	
L-	140 -030/	355	PW	140	355	1:1 PW	30	45 ±2µm	46 ±2µm	49 ±4µm	39	30	13.4	13.7	14.6	
UX	140 -035/	355	PW	140	355	1:1 PW	35	53 ±2µm	56 ±3µm	59 ±4µm	32	19	10.3	10.9	11.5	
UX	140 -035/	355	TW	140	355	2:1 TW	35	61 ±3µm	61 ±3µm	64 ±4µm	34	23	13.8	13.8	14.5	
L-	130 -027/	330	PW	131	334	1:1 PW	27	40 ±2µm	41 ±3µm	N/A	49	42	16.6	17.0	N/A	
L-	130 -030/	330	PW	131	334	1:1 PW	30	45 ±2µm	46 ±3µm	49 ±4µm	44	33	15.1	15.4	16.4	
UX	130 -035/	330	PW	130	330	1:1 PW	35	53 ±2µm	56 ±3µm	59 ±4µm	38	24	12.9	13.6	14.4	
L-	124 -027/	315	PW	124	315	1:1 PW	27	40 ±2µm	41 ±3µm	N/A	54	45	17.9	18.4	N/A	
	124 -030/	315	PW	124	315	1:1 PW	30	45 ±2µm	46 ±3µm	N/A	49	37	16.6	17.0	N/A	
	120 -030/	305	PW	120	305	1:1 PW	30	46 ±2µm	46 ±3µm	N/A	53	41	18.6	18.6	N/A	
UX	120 -033/	305	PW	120	305	1:1 PW	33	50 ±2µm	50 ±3µm	54 ±4µm	47	32	15.9	15.9	17.2	
	120 -035/	305	PW	120	305	1:1 PW	35	53 ±2µm	53 ±3µm	57 ±4µm	45	29	15.5	15.5	16.6	
	120 -040/	305	PW	118	300	1:1 PW	40	62 ±2µm	65 ±3µm	N/A	37	19	11.8	12.4	N/A	
	110 -035/	280	PW	110	280	1:1 PW	35	53 ±2µm	53 ±3µm	57 ±4µm	53	34	18.1	18.1	19.5	
	106 -040/	270	PW	106	270	1:1 PW	40	60 ±2µm	60 ±3µm	66 ±5µm	49	27	16.3	16.3	18.0	
	100 -035/	255	PW	100	255	1:1 PW	35	53 ±2µm	53 ±3µm	53 ±7µm	64	41	21.9	21.9	N/A	
	100 -040/	255	PW	100	255	1:1 PW	40	60 ±2µm	60 ±3µm	66 ±5µm	56	32	19.0	19.0	20.9	
EX	100 -048/	255	PW	100	255	1:1 PW	48	76 ±2µm	76 ±3µm	N/A	45	20	15.5	15.5	N/A	
L-	90 -030/	230	PW	90	230	1:1 PW	30	45 ±2µm	46 ±3µm	N/A	80	52	23.6	24.1	N/A	
UX	90 -33x2	230	PW	90	230	1:1 PW	33	51 ±2µm	51 ±3µm	53 ±4µm	40	13	6.7	6.7	7.0	
	90 -040/	230	PW	90	230	1:1 PW	40	60 ±2µm	60 ±3µm	66 ±5µm	67	37	22.1	22.1	24.3	
	90 -045/	230	PW	90	230	1:1 PW	45	68 ±2µm	71 ±4µm	73 ±5µm	60	30	20.1	21.0	21.5	
EX	90 -048/	230	PW	88	225	1:1 PW	48	75 ±2µm	79 ±4µm	81 ±6µm	58	26	19.8	20.9	21.4	
	90 -055/	230	TW	88	225	2:1 TW	55	91 ±4µm	95 ±5µm	95 ±8µm	54	23	20.8	21.7	21.7	
	90 -071/	230	TW	88	225	3:1 TW	71	139 ±5%	N/A	N/A	38	11	15.7	N/A	N/A	
UX	79 -045/	200	PW	79	200	1:1 PW	45	68 ±2µm	71 ±4µm	73 ±5µm	81	41	27.7	28.9	29.7	
EX	79 -048/	200	PW	79	200	1:1 PW	48	75 ±2µm	79 ±4µm	81 ±6µm	75	35	26.2	27.6	28.2	
EX	79 -055/	200	PW	79	200	1:1 PW	55	88 ±2µm	88 ±4µm	93 ±7µm	69	30	26.0	26.0	27.5	
UX	71 -045/	180	PW	71	180	1:1 PW	45	70 ±2µm	74 ±4µm	76 ±5µm	95	45	31.7	33.5	34.4	

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	Mesh/cm	Thread dia. Thread/inch	Weaving	Tolerance ±3%				115-160cm µm	165-230cm µm	240cm Up µm			115-160cm cm ³ /m ²	165-230cm cm ³ /m ²	240cm Up cm ³ /m ²
				/cm	/inch										
EX	71 -048/	180	PW	71	180	1:1 PW	48	76 ±2µm	80 ±4µm	82 ±6µm	91	42	31.6	33.3	34.1
	71 -055/	180	PW	71	180	1:1 PW	55	88 ±2µm	88 ±4µm	93 ±7µm	85	36	31.9	31.9	33.7
	71 -063/	180	PW	71	180	1:1 PW	63	98 ±5%	N/A	N/A	71	25	24.8	N/A	N/A
	63 -048/	160	PW	63	160	1:1 PW	48	80 ±5%	80 ±5%	85 ±7%	110	48	38.4	38.4	40.8
	63 -063/	160	PW	63	160	1:1 PW	63	105 ±5%	105 ±5%	111 ±7%	93	34	36.0	36.0	38.1
	63 -071/	160	PW	63	160	1:1 PW	71	116 ±5%	116 ±5%	N/A	79	25	28.7	28.7	N/A
UX	59 -045/	150	PW	59	150	1:1 PW	45	72 ±2µm	76 ±4µm	78 ±5µm	124	54	38.6	40.8	41.8
EX	59 -048/	150	PW	59	150	1:1 PW	48	76 ±2µm	80 ±4µm	82 ±6µm	120	50	38.2	40.2	41.2
	59 -055/	150	PW	59	150	1:1 PW	55	88 ±2µm	88 ±4µm	93 ±7µm	114	45	39.9	39.9	42.2
	59 -063/	150	PW	59	150	1:1 PW	63	105 ±5%	105 ±5%	111 ±7%	104	38	39.9	39.9	42.1
	59 -071/	150	PW	59	150	1:1 PW	71	116 ±5%	116 ±5%	N/A	91	29	33.5	33.5	N/A
	55 -063/	140	PW	55	140	1:1 PW	63	105 ±5%	105 ±5%	111 ±7%	116	41	43.2	43.2	45.7
	55 -080/	140	PW	55	140	1:1 PW	80	140 ±5%	140 ±5%	N/A	97	29	40.0	40.0	N/A
UX	53 -045/	135	PW	53	135	1:1 PW	45	73 ±5%	73 ±5%	77 ±7%	143	58	42.2	42.2	44.5
EX	53 -048/	135	PW	53	135	1:1 PW	48	79 ±5%	79 ±5%	84 ±7%	139	55	43.1	43.1	45.8
	53 -055/	135	PW	53	135	1:1 PW	55	95 ±5%	95 ±5%	101 ±7%	133	50	47.5	47.5	50.5
	49 -071/	125	PW	49	125	1:1 PW	71	116 ±5%	116 ±5%	123 ±7%	130	41	47.6	47.6	50.5
UX	47 -045/	120	PW	47	120	1:1 PW	45	73 ±5%	73 ±5%	77 ±7%	167	62	45.4	45.4	47.9
EX	47 -048/	120	PW	47	120	1:1 PW	48	80 ±5%	80 ±5%	85 ±7%	163	59	47.4	47.4	50.4
	47 -055/	120	PW	47	120	1:1 PW	55	95 ±5%	95 ±5%	101 ±7%	157	55	52.3	52.3	55.6
	47 -063/	120	PW	47	120	1:1 PW	63	105 ±5%	105 ±5%	111 ±7%	149	50	52.0	52.0	55.0
	47 -080/	120	PW	47	120	1:1 PW	80	137 ±5%	137 ±5%	145 ±7%	130	38	51.4	51.4	54.4
	43 -080/	110	PW	43	110	1:1 PW	80	132 ±5%	132 ±5%	140 ±7%	150	42	55.7	55.7	59.1
	39 -055/	100	PW	39	100	1:1 PW	55	95 ±5%	95 ±5%	101 ±7%	199	61	58.3	58.3	62.0
	39 -071/	100	PW	39	100	1:1 PW	71	122 ±5%	122 ±5%	133 ±7%	182	51	62.6	62.6	68.3
	39 -080/	100	PW	39	100	1:1 PW	80	134 ±5%	134 ±5%	142 ±7%	174	47	62.9	62.9	66.6
	35 -071/	90	PW	35	90	1:1 PW	71	125 ±5%	125 ±5%	133 ±7%	210	55	69.2	69.2	73.6
	35 -080/	90	PW	35	90	1:1 PW	80	137 ±5%	137 ±5%	145 ±7%	202	51	70.2	70.2	74.3
	31 -055/	80	PW	31	80	1:1 PW	55	95 ±5%	95 ±5%	N/A	263	69	65.2	65.2	N/A
	31 -071/	80	PW	31	80	1:1 PW	71	125 ±5%	125 ±5%	133 ±7%	246	60	75.0	75.0	79.8
	31 -100/	80	PW	31	80	1:1 PW	100	170 ±5%	170 ±5%	180 ±7%	218	47	80.1	80.1	84.9
	27 -055/	70	PW	27	70	1:1 PW	55	95 ±5%	95 ±5%	N/A	308	72	68.4	68.4	N/A
	27 -071/	70	PW	27	70	1:1 PW	71	125 ±5%	125 ±5%	133 ±7%	291	64	80.4	80.4	85.5
	27 -125/	70	PW	27	70	1:1 PW	125	240 ±5%	240 ±5%	254 ±7%	238	43	103.3	103.3	109.3
	24 -125/	60	PW	24	60	1:1 PW	125	230 ±5%	230 ±5%	244 ±7%	298	50	114.0	114.0	120.9
	24 -150/	60	PW	24	60	1:1 PW	150	260 ±5%	260 ±5%	276 ±7%	271	41	106.5	106.5	113.1
	20 -200/	50	PW	20	50	1:1 PW	200	380 ±10%	380 ±10%	N/A	308	37	139.7	139.7	N/A
	16 -200/	40	PW	16	40	1:1 PW	200	400 ±10%	400 ±10%	N/A	435	47	187.7	187.7	N/A
12 -150/	30	PW	12	30	1:1 PW	150	380 ±10%	380 ±10%	N/A	696	68	256.8	256.8	N/A	
12 -250/	30	PW	12	30	1:1 PW	250	500 ±10%	500 ±10%	N/A	597	50	248.6	248.6	N/A	
10 -300/	25	PW	12	30	1:1 PW	300	600 ±10%	600 ±10%	N/A	547	42	250.4	250.4	N/A	

Note: Catalogue value will be changed for quality improvement without notice.

In addition, please ask to our company about an unknown point.