

stainless steel screen printing meshes

	Mesh per 25.4mm	Mesh Opening (mm)	Wire diameter (mm)	Meshes per cm	Open screen area (Ao%)	Mesh thickness (µm)	Mesh thickness tolerance (µm)	Recommended screen tension 0.5% Res. N/cm	Theor. ink volume V th cm ³ /m ²	Standard width		
										m 1.02	m 1.22	m 1.55

Standard mesh	80	0.224	0.100	31	48%	215	5	62-64	103			
	105	0.160	0.075	43	46%	162	4	44-45	75			
	120	0.140	0.065	49	46%	140	3	39-41	65			
	135	0.125	0.065	53	43%	140	3	42-44	61			
	145	0.118	0.056	57	46%	120	3	35-37	55			
	* 165	0.100	0.050	67	44%	110	3	36-38	49		*	
	180	0.095	0.045	71	46%	102	3	33-35	47			
	* 200	0.090	0.040	77	48%	90	3	31-33	43		*	*
	* 230	0.075	0.036	90	46%	80	2	22-24	37		*	*
	250	0.063	0.036	101	40%	80	2	31-33	32	*	*	
	280	0.059	0.032	110	42%	68	2	21-23	29			
	270	0.056	0.036	109	37%	80	2	28-30	30		*	
	300	0.055	0.030	118	41%	56	2		28			
	* 325	0.050	0.028	128	41%	62	2	23-23	24	*	*	*
	370	0.040	0.028	147	35%	58	2	21-23	20			
* 400	0.040	0.025	154	38%	52	2	20-22	19		*		

Heavy mesh	* 150	0.100	0.065	61	37%	140	3	50-52	51		*	
	180	0.091	0.050	71	42%	102	2		48			
	* 200	0.080	0.050	77	38%	119	2	39-41	42		*	
	* 250	0.063	0.040	97	37%	90	2	31-33	34		*	
	270 Tw	0.056	0.040	104	34%	88	2	35-37	30			
	* 325 Tw	0.042	0.036	128	29%	76	2	32-34	22		*	
	400 Tw	0.036	0.028	156	32%	60	2	25-27	19			
	* 400 Tw	0.033	0.030	159	27%	54	2	21-23	17		*	
* 500 Tw	0.025	0.025	200	25%	54	2	25-27	14	*	*		

Light mesh	70	0.300	0.065	27	68%	140	3	21-23	95			
	80	0.265	0.050	31	71%	110	3	15-17	78			
	82	0.245	0.065	32	62%	140	3	25-27	87			
	200	0.090	0.036	79	51%	80	2	20-22	41			
	230	0.080	0.030	91	53%	62	2	15-17	33			
	250	0.071	0.030	98	49%	60	2	16-18	30			
	280	0.067	0.025	110	53%	53	2	12-14	28			
	325	0.053	0.024	128	47%	52	2	13-15	25			
	350	0.053	0.020	137	53%	42	2	9-11	22			

* = stock: all other specifications are subject to prior sale of special order Tw = Twilled weave