

Wire Cloth for Screen Printing

BOPP SD Specifications



Specifications A comprehensive range of BOPP SD stainless steel wire cloth is available worldwide for all screen-printing needs. The table below shows the most popular specifications. (Subject to technical alterations, please ask for the latest data sheet.)

1 BOPP SD Designation	2 Mesh Opening w µm	3 Wire Dia- meter d mm	4 Number of wires (K=Twilled Weave)		5 Open Area A _o %	6 Mesh Thickness		7 Theoretical Ink V _{th} cm ³ /m ²	8 Recom- mended Screen Tension N/cm
			per cm (n)	per inch (mesh)		Average D µm	Min.-Max. D µm		
Standard Grades									
SD 224/100	224	0.1	31	80	48	215 ± 5.0	± 5	103	~40
SD 160/75	160	0.075	43	105	46	162 ± 4.0	± 4	75	~40
SD 140/65	140	0.065	49	120	47	140 ± 3.0	± 3	65	~40
SD 125/65	125	0.065	53	135	43	140 ± 3.0	± 3	61	~40
SD 118/56	118	0.056	57	145	46	120 ± 2.5	± 3	55	38-40
SD 100/50	100	0.05	67	165	44	110 ± 2.5	± 3	49	36-38
SD 95/45	95	0.045	71	180	46	102 ± 2.5	± 3	47	33-35
SD 90/40	90	0.04	77	200	48	90 ± 2.5	± 3	43	31-33
SD 75/36	75	0.036	90	230	46	80 ± 2.5	± 2	37	30-32
SD 63/36	63	0.036	97	250	40	80 ± 2.5	± 2	32	31-33
SD 56/36	56	0.036	109	270	37	80 ± 2.5	± 2	30	32-34
SD 59/32	59	0.032	110	280	42	68 ± 2.0	± 2	29	29-31
SD 56/32	56	0.032	114	300	40	68 ± 2.0	± 2	28	30-32
SD 50/30	50	0.03	125	325	39	62 ± 1.5	± 2	24	29-31
SD 40/28	40	0.028	146	370	35	58 ± 1.5	± 2	20	29-31
SD 40/25	40	0.025	154	400	38	51 ± 1.5	± 2	19	26-28
SD 40/23	40	0.023	159	400	40	48 ± 1.0	± 2	19	20-22
Heavy Grades									
SD 100/65	100	0.065	61	150	37	140 ± 3.0	± 3	51	~40
SD 80/50	80	0.05	77	200	38	110 ± 3.0	± 2	42	~40
SD 63/40	63	0.04	97	250	37	90 ± 2.5	± 2	34	35-37
SD 56/40	56	0.04	109	270 K	34	88 ± 2.5	± 2	30	38-40
SD 42/36	42	0.036	125	325 K	29	76 ± 2.0	± 2	22	36-38
SD 36/28	36	0.028	154	400 K	32	60 ± 1.5	± 2	19	31-33
SD 32/25	32	0.025	180	450 K	32	54 ± 1.5	± 2	17	29-31
SD 25/25	25	0.025	200	510 K	25	54 ± 1.5	± 2	14	31-33
Ultra thin Grades									
SD 300/65	300	0.065	27	70	68	140 ± 3.0	± 3	95	29-31
SD 265/50	265	0.050	31	80	71	110 ± 2.5	± 3	78	20-22
SD 245/65	245	0.065	32	82	62	140 ± 3.0	± 3.0	87	34-37
SD 90/36	90	0.036	79	200	51	80 ± 2.0	± 2.0	41	26-28
SD 80/30	80	0.030	91	230	53	62 ± 1.5	± 2	33	20-22
SD 71/30	71	0.030	100	250	49	60 ± 1.5	± 2	30	22-24
SD 67/25	67	0.025	110	280	53	53 ± 1.5	± 2	28	16-18
SD 53/24	53	0.024	130	325	47	52 ± 1.5	± 2	25	17-19
SD 53/20	53	0.020	137	350	53	42 ± 1.0	± 2	22	13-15
SD 45/18	45	0.018	159	400	51	40 ± 1.0	± 2	20	12-14