Wire cloth for screen printing SD-PLUS and SDC-PLUS - Technical Details

Designation	Mesh opening w in µm	Wire diameter d in µm	Number of wires pro 25,4 mm	Open mesh area A_0 in %	Mesh Thickness **SD-PLUS** D in µm	Theoretical ink volume V_{th} in cm³/m²	Mesh Thickness **SDC-PLUS** D_C in µm	Theoretical ink volume V_{th} in cm³/m²
SD+ 32/18	32	18	500	41%	36 ± 2	15	32 ± 2	13
SD+ 40/23	40	23	400	40%	46 ± 2	19	40 ± 2	16
SD+ 40/25	40	25	400	38%	50 ± 2	19	42 ± 2	16
SD+ 45/18	45	18	400	51%	36 ± 2	18	31 ± 2	16
SD+ 50/28	50	28	325	41%	56 ± 2	23	49 ± 2	20
SD+ 50/30	50	30	325	39%	60 ± 2	23	50 ± 2	20
SD+ 53/24	53	24	325	47%	48 ± 2	23	38 ± 2	18
SD+ 56/32	56	32	300	40%	64 ± 2	26	52 ± 2	21
SD+ 63/36	63	36	250	40%	72 ± 2	29	61 ± 2	25
SD+ 65/20	65	20	300	58%	40 ± 2	23	30 ± 2	18
SD+ 67/25	67	25	280	53%	50 ± 2	27	40 ± 2	21
SD+ 71/30	71	30	250	49%	60 ± 2	30	48 ± 2	24
SD+ 75/36	75	36	230	46%	72 ± 2	33	59 ± 2	27
SD+ 80/30	80	30	230	53%	60 ± 2	32	49 ± 2	26
SD+ 85/25	85	25	230	60%	50 ± 2	30	37 ± 2	22
SD+ 90/36	90	36	200	51%	72 ± 2	37	57 ± 2	29
SD+ 90/40	90	40	200	48%	80 ± 2	38	65 ± 2	31
SD+ 98/30	98	30	200	59%	60 ± 2	35	47 ± 2	28
SD+ 265/50	265	50	80	71%	100 ± 2	71	60 ± 2	42

SD = Standard, SDC = Calendared

A_0: theoretical, free flow area, through which the filtrate can flow relative to the area that is subject to the flow.

Thicknesses and number of wires are approximate values, dependent upon the wire tolerances. All information given in this table are typical values.
Spörl accepts no responsibility for the accuracy of these values. All information is subject to technical changes and further development work.