SEFAR® GLASSLINE

Product description

SEFAR® GLASSLINE is a wide range of medium-coarse screen printing mesh for industrial printing applications on glass. The properties of SEFAR® GLASSLINE are precisely tailored to the needs of the glass industry. Its precise mesh geometry, low elongation, high tensile strength and excellent stencil adhesion, ensure a lean stencil production process and flawless print quality.

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Mesh number	Mesh count [/cm]	Mesh count [/inch]	Thread diameter nominal [µm]	Weave	Tolerance of mesh count [± n/cm]	Mesh opening [µm]	Open area [%]	Mesh thickness (woven) [µm]	Tolerance of mesh thickness [± µm]	Theoretical ink volume [cm³/ m²]	Available mesh widths (Tolerance -0 / +4) [cm]									
											115	142	158	162	186	212	234	260	320	400
120/305-34 PW	120	305	34	1:1	3	45	29	52	3	15	▼●			▼●						○
100/255-40 PW	100	255	40	1:1	2.5	57	32	62	3	20	▼●			▼●	▽○	▽○	▽○		▽	
90/230-48 PW	90	230	48	1:1	2.5	52	22	75	4	16			▼●	●	▼●	▼○	▽●	▽○	▽○	▽○
90/230-40 PW	90	230	40	1:1	2.5	68	37	60	3	22			▼							
77/195-55 PW	77	195	55	1:1	2	67	27	84	4	22		▽●	▼●	●	▼●	▼●	▼●	▼●	●	○
77/195-48 PW	77	195	48	1:1	2	77	35	76	4	27			▼●		▼●				▼	
68/175-55 PW	68	175	55	1:1	1.5	85	33	84	4	28			●			▼●	●	▽●	▽●	●
61/156-64 PW	61	156	64	1:1	1.5	90	30	100	5	30		●	▼●			▼●		●	▽○	○
54/137-64 PW	54	137	64	1:1	1.5	115	39	98	5	38			●						●	○
48/123-70 PW	48	123	70	1:1	1.2	133	41	111	6	45									●	○
43/110-80 PW	43	110	80	1:1	1.2	149	41	130	7	53										●

In stock = ▼ ● Item on request = ▽ ○ Color: white = ● ○ yellow = ▼▽ Subject to change without notice

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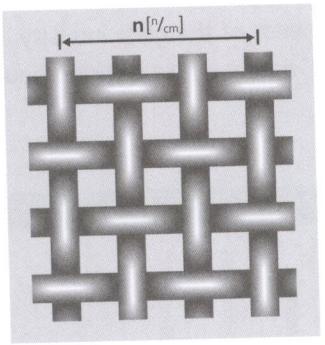
Definitions

77/195-55 W PW
77/**195**-55 W PW
77/195-**55** W PW
77/195-55 **W** PW
77/195-55 W **PW**

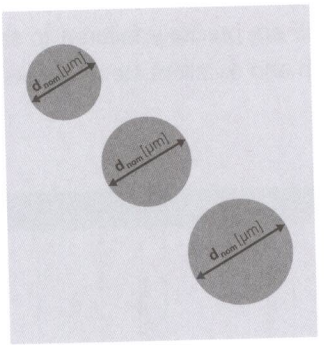
Mesh number

Mesh count $^{n}/_{cm}$	**77**/195-55 W PW
Mesh count $^{n}/_{inch}$	77/**195**-55 W PW
Thread-⌀ d_{nom}	77/195-**55** W PW
Fabric color	77/195-55 **W** PW
Type of weave	77/195-55 W **PW**

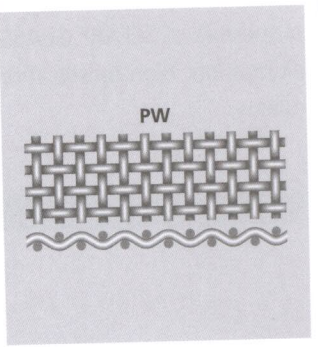
(white = W, yellow = Y)



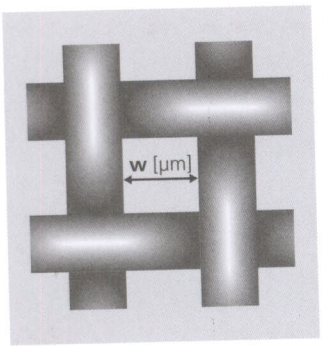
Mesh count n [$^{n}/_{cm}$]
The mesh count **n** stands for the number of threads per cm or inch. The tolerance is the defined range of the statistically ascertained mean values of mesh counts.



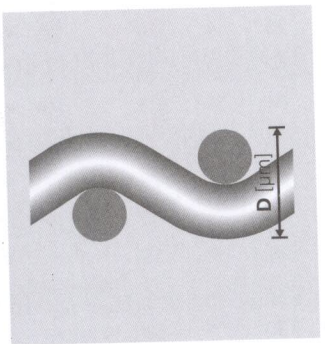
Thread diameter nominal
d_{nom} [µm]
The diameter **d_{nom}** is measured on the thread before weaving.



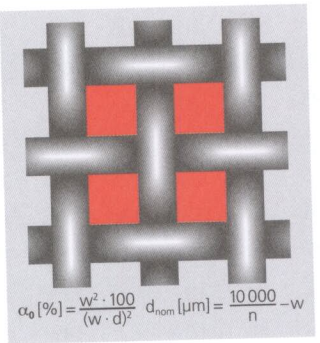
Weave
The type of weave is **PW** (Plain weave 1:1).



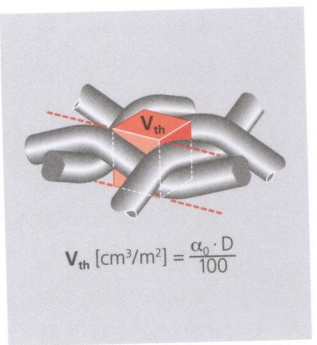
Mesh opening w [µm]
The mesh opening **w** is the distance between two adjacent warp or weft threads.



Mesh thickness D [µm]
The mesh thickness **D** is measured according to ISO 5084.
The tolerance is the defined range of the statistically ascertained mean values of mesh thickness.



Percentage of open area α_0 [%]
The percentage of open area α_0 is the sum of all mesh opening areas expressed as a percentage of the total screen area. It is calculated from the mean value of mesh openings and the actual diameter of the threads.



Theoretical ink volume
V_{th} [cm^3/m^2]
The theoretical ink volume **V_{th}** is calculated from the mesh thickness **D** and the percentage of open area α_0.

The abrevations correspond with DIN Norm 16 611. All values correspond to unstretched mesh.

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