

## PACO SD Quality Mesh



PACO has been a pioneer in the development of standards and improved performance of precision woven mesh for a broad range of high tech applications from Aerospace through to Electronic board printing.

All materials are manufactured to the highest standard using latest state of the art equipment and can be woven up to 2250 mm wide.

Stringent quality control procedures are applied through each stage of the manufacturing process from specifying and verifying the tolerances and mechanical properties of the wire through to the final inspection of the finished mesh.

All materials are 100% inspected and individual apertures are checked using shadow graph analysis.

### Key Features of PACO precision woven wire mesh

- cloth thickness maintained +/- 1.5 micron
- low elongation reduces tension loss and gives improved registration
- increased mesh strength extends screen life and allows faster run speeds
- faster tension stabilisation improves screen turnaround time
- production technique ensures mesh lays flat for easier handling

### PACO EMI/RFI Shielding Mesh

A range of very fine precision woven wire cloth is produced in stainless steel and copper for EMC shielded windows and RFI applications.

EMI quality stainless steel wire cloth is readily available at 1220 mm wide in 50, 80 and 100 mesh with a wire diameter of 0.030 mm for greater percentage open area and improved visual quality.

1500 mm wide can be produced subject to a minimum weave order, typically 300m<sup>2</sup>.

Experienced engineering staff based at our Design and Technical Centre are also available to offer advice and guidance.

[www.lockergroup.com](http://www.lockergroup.com)

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### PACO SD - HD - SDAM - ED Screen Print Specifications by Aperture

Woven Wire Mesh

Mesh No. & Code	Aperture (w)	Wire (d) mm	Open Area %	Thickness (micron)		Weight Kg/mm <sup>2</sup>
				Min	Max	
400 ED18	0.045	0.018	51	42	52	0.07
500 ED20	0.03	0.02	36	45	54	0.11
325 ED23	0.055	0.023	50	50	60	0.09
370 ED23	0.046	0.023	44	50	60	0.1
370 HD28	0.041	0.028	34	50	70	0.16
400 SD23	0.04	0.023	40	50	60	0.11
400 SDAM25	0.038	0.025	37	52	56	0.13
280 ED25	0.065	0.025	52	54	64	0.09
370 SDAM26	0.043	0.026	39	54	60	0.13
400 SD25	0.038	0.025	38	55	65	0.13
325 SD28	0.05	0.028	41	58	68	0.13
450 HD26	0.03	0.026	30	58	68	0.16
500 HD25	0.025	0.025	25	59	67	0.17
300 SDAM30	0.055	0.03	38	60	66	0.14
325 SD30	0.048	0.03	39	60	74	0.14
425 HD26	0.034	0.026	34	62	72	0.15
230 ED30	0.08	0.03	53	63	70	0.1
300 SD30	0.055	0.03	42	65	75	0.14
355 SD30	0.041	0.03	34	65	75	0.17
400 HD28	0.035	0.028	35	65	75	0.16
280 SD30	0.06	0.03	45	68	78	0.13
200 ED35	0.092	0.035	52	75	90	0.13
230 SD35	0.075	0.035	46	76	86	0.15
250 SD35	0.066	0.035	42	77	90	0.16
270 SD36	0.059	0.036	39	78	90	0.18
300 HD35	0.05	0.035	34	78	88	0.19
165 ED35	0.118	0.035	59	80	95	0.11
280 SD35	0.055	0.035	38	80	95	0.17
325 HD36	0.042	0.036	30	80	92	0.2
200 SD40	0.087	0.04	47	88	100	0.16
250 HD40	0.061	0.04	37	88	100	0.2
270 HD40	0.054	0.04	34	90	103	0.22
200 HD50	0.077	0.05	38	108	120	0.25
180 SD50	0.091	0.05	42	109	124	0.24
165 SD50	0.105	0.05	46	110	120	0.21
180 SD45	0.096	0.045	46	110	115	0.18
200 HD53	0.074	0.053	33	110	125	0.26
60 ED50	0.37	0.05	76	110	125	0.08
80 ED50	0.265	0.05	71	110	120	0.1
145 SD56	0.12	0.056	45	122	138	0.23
135 SD60	0.13	0.06	47	125	140	0.25
70 ED65	0.3	0.065	68	130	145	0.15
120 SD66	0.146	0.066	48	135	160	0.26
150 HD65	0.104	0.065	38	140	160	0.33
40 ED76	0.56	0.076	77	160	170	0.12
105 SD76	0.165	0.076	47	165	185	0.31
94 SD90	0.18	0.09	47	165	185	0.39
120 HD90	0.12	0.09	33	190	215	0.5
80 SD93	0.225	0.093	50	200	220	0.35
50 HD200	0.315	0.2	38	480	510	0.96

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