

**SUCTION FILTER DATA – MESH CONVERSION CHART**

<b><u>APERTURE</u></b>									
Mesh per in.	Wire Gauge SWG	Holes per sq. in	Inches	Microns	% Free Area	Aperture Width mm	Mesh per cm	Holes per sq. cm	A.S.T.N. U.S.A. Std mesh
			.0590	1500					14
			.0469	1190					16
			.0331	840					20
20	25	400	.030	740	36	.762	7.87	62	
			.0280	710					25
			.0232	590					30
28	28		.0209	531	34				
30	32		.020	508	46				
			.0197	500					35
			.0165	420					40
40	34	1600	.0158	401	40	.381	15.75	248	
			.0138	350					45
			.0117	297					50
60	38	3600	.0099	251	35	.251	23.62	560	
			.0098	250					60
			.0083	210					70
80	40	6400	.0079	200	38	.196	31.49	995	
			.0070	177					80
100	42	10,000	.0060	152	36	.152	39.37	1550	
			.0059	149					100
120	44	14,000	.0049	125	37	.129	47.24	2240	120
			.0041	105					140
150	45	22,500	.0039	100	34	.0997	59.00	3481	
			.0035	88					170
180	46	32,400	.0032	80	33	.0813	70.80	5020	
200	47	40,000	.0030	76	36	.0762	78.70	6200	
			.0029	74					200
			.0024	60.9					230
250	48	62,500	.0021	53	36	.0508	98.40	9680	270
300	48.5	90,000	.0020	50	32	.0483	118.00	13,924	
			.0017	44					325



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