

**SUCTION FILTER DATA – MESH CONVERSION CHART**

Mesh per in.	Wire Gauge SWG	Holes per sq. in	<u>APERTURE</u>				Mesh per cm	Holes per sq. cm	A.S.T.N. U.S.A. Std mesh
			Inches	Microns	% Free Area	Aperture Width mm			
			.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	
			.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	
300	48.5	90,000	.0020	50	32	.0483	118.00	13,924	
			.0017	44				325	