

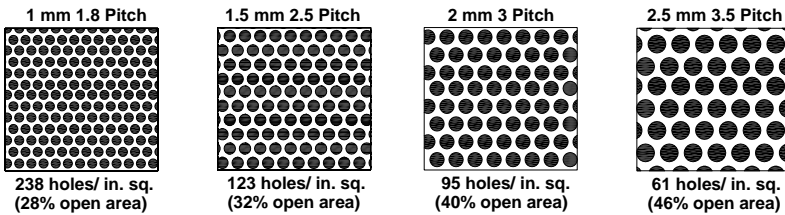
STEAM TABLES

Gauge Pressure		Saturation Temperature		Gauge Pressure		Saturation Temperature		Gauge Pressure		Saturation Temperature		Gauge Pressure		Saturation Temperature	
Bar g	PSIG	°C	°F	Bar g	PSIG	°C	°F	Bar g	PSIG	°C	°F	Bar g	PSIG	°C	°F
-0.96	28.4	32.9	91	1.1	16.0	122	252	8.5	123	178	351	28.0	406	232	450
-0.91	27.0	45.8	114	1.2	17.4	123	253	9.0	131	180	354	29.0	421	234	453
-0.86	25.5	54.0	129	1.3	18.9	125	257	9.5	138	182	360	30.0	435	236	457
-0.81	24.0	60.1	140	1.4	20.3	126	259	10.0	145	184	363	31.0	450	238	460
-0.76	22.5	65.0	149	1.5	21.8	128	262	10.5	152	186	367	32.0	464	239	462
-0.71	21.1	69.1	156	1.6	23.2	129	264	11.0	160	188	370	33.0	479	241	466
-0.66	19.6	72.7	163	1.7	24.7	130	266	11.5	167	190	374	34.0	493	243	469
-0.61	18.1	75.9	169	1.8	26.1	131	268	12.0	174	192	376	35.0	508	244	471
-0.56	16.6	78.8	174	1.9	27.6	133	271	12.5	181	193	379	36.0	522	246	475
-0.51	15.1	81.3	178	2.0	29.0	134	273	13.0	189	195	383	37.0	537	247	477
-0.46	13.7	83.7	183	2.2	31.9	136	277	13.5	196	197	385	38.0	551	249	480
-0.41	12.2	85.9	187	2.4	34.8	138	280	14.0	203	198	388	39.0	566	250	482
-0.36	10.7	88.0	190	2.6	37.7	140	284	14.5	210	200	392	40.0	580	252	486
-0.31	9.24	90.0	194	2.8	40.6	142	288	15.0	218	202	394	41.0	595	253	487
-0.26	7.77	91.8	197	3.0	43.5	144	289	15.5	225	203	397	42.0	609	255	491
-0.21	6.29	93.5	200	3.2	46.4	146	293	16.0	232	204	399	43.0	624	256	493
-0.16	4.81	95.1	203	3.4	49.3	147	297	16.5	239	205	401	44.0	638	258	496
-0.11	3.34	96.7	206	3.6	52.2	149	298	17.0	247	207	405	45.0	653	259	498
-0.06	1.86	98.2	209	3.8	55.1	150	302	17.5	254	209	408	46.0	667	260	500
-0.01	0.38	99.6	211	4.0	58.0	152	304	18.0	261	210	410	47.0	682	261	502
0	0	100	212	4.2	60.9	153	307	18.5	268	211	412	48.0	696	263	505
0.1	1.45	103	217	4.4	63.8	155	309	19.0	276	213	415	49.0	711	264	507
0.2	2.90	105	221	4.6	66.7	156	313	19.5	283	214	417	50.0	725	265	509
0.3	4.35	107	225	4.8	69.6	158	315	20.0	290	215	419				
0.4	5.80	110	230	5.0	72.5	159	316	21.0	305	217	423				
0.5	7.25	112	234	5.5	79.8	162	324	22.0	319	220	428				
0.6	8.7	114	237	6.0	87.0	165	329	23.0	334	222	432				
0.7	10.2	115	239	6.5	94.3	168	333	24.0	348	224	435				
0.8	11.6	117	243	7.0	102	171	338	25.0	363	226	439				
0.9	13.1	119	246	7.5	109	173	343	26.0	377	228	442				
1.0	14.5	120	248	8.0	116	175	347	27.0	397	230	446				

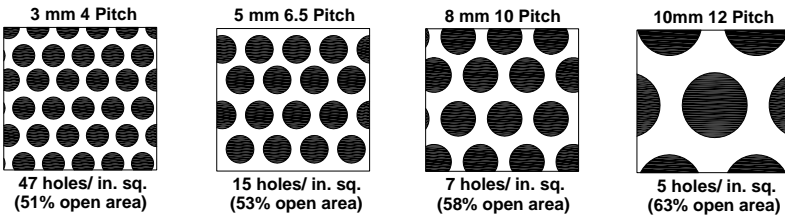
PERFORATED METALS AND WIRE MESH

Perforated screen (stainless steel), staged

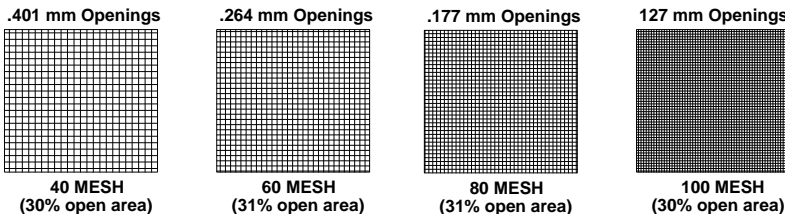
For screen only



For mesh screen to be furnished with mesh required



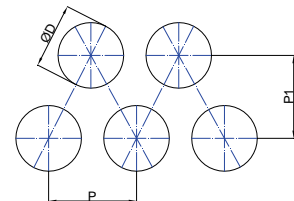
Mesh (stainless steel)



Standard material for screen is 304 stainless steel plate perforated in 60 degree staged arrangement, resisting corrosion and high temperature and being ideal for a wide of filtering and screening in industrial plants.

$$R = \frac{\sqrt{3} \times \pi}{6} \times \left(\frac{D}{P}\right)^2 \times 100 = \frac{91 \times D^2}{P^2} (\%)$$

R : Open area ratio (%) P : Pitch (width)
P1 : Pitch (depth) D : Diameter of hole



Dimensions of perforated screen (mm)

Applicable Size (mm)	Screen only				Screen with mesh inside			
	ØD	P	P1	R(%)	ØD	P	P1	R(%)
15 ~50	1.0	1.8	1.5	28	3	4	3.5	51
65 ~100	1.5	2.5	2.2	32	5	6.5	5.6	53
125 ~ 200	2.0	3.0	2.6	40	8	10	8.6	58
250 ~ 350	2.5	3.5	3.0	46	10	12	10	63