



# Galaxy International

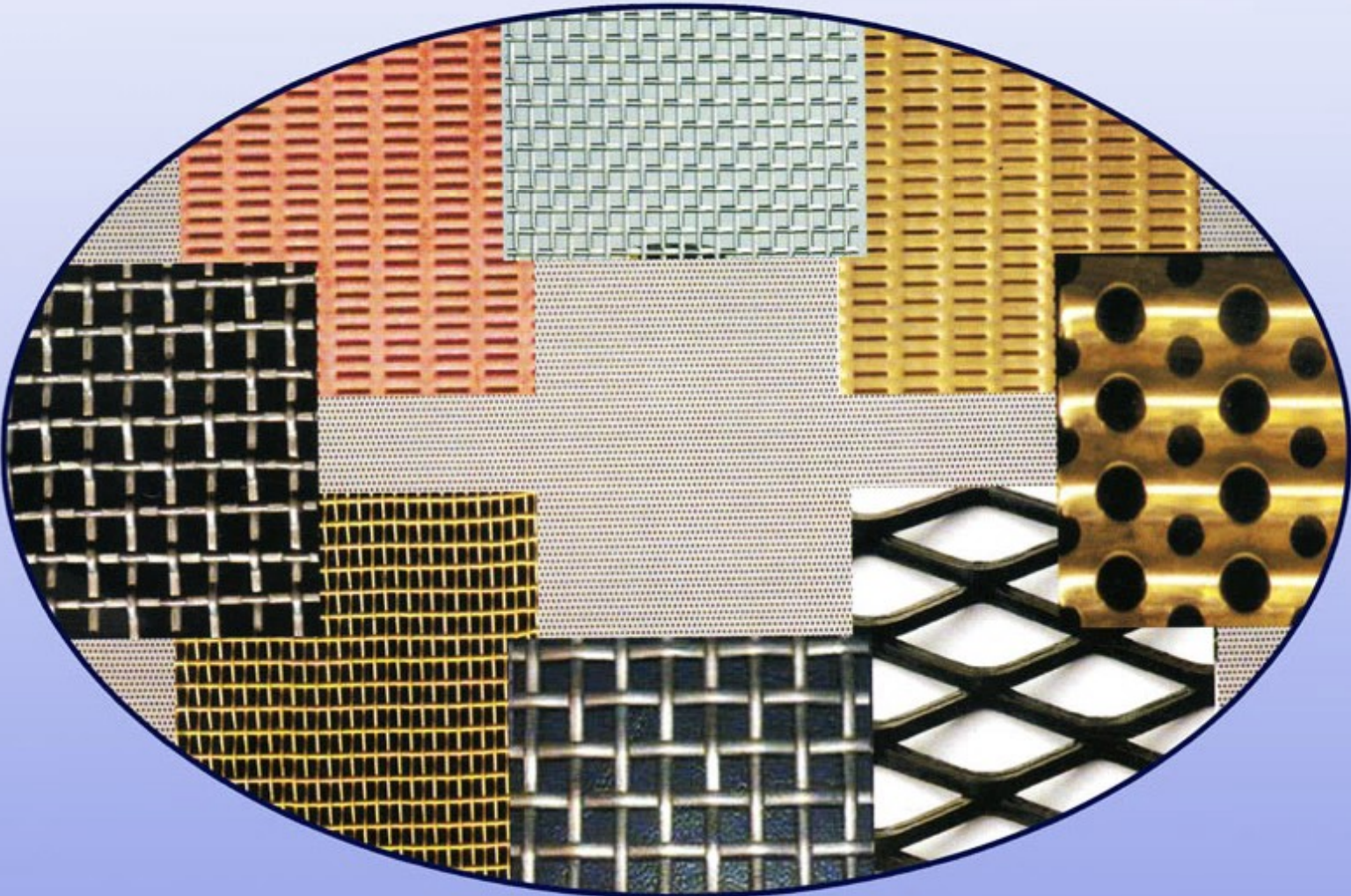
ESTD 1988

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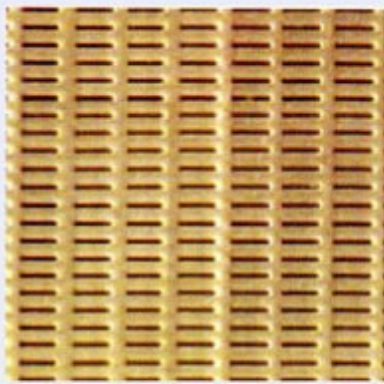
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## QUALITY CENTRIFUGAL / VACUUM FILTER SCREENS FOR SUGAR MILLS WORLDWIDE



EXPORTS TO

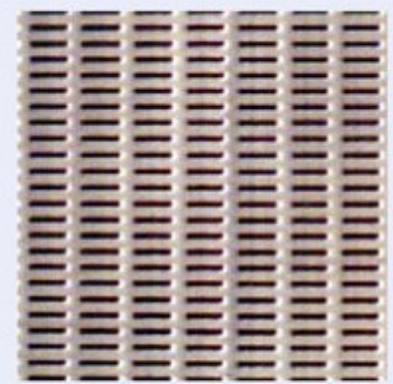
Indonesia - Philippines - Thailand - Dubai - Pakistan - Africa - Brazil



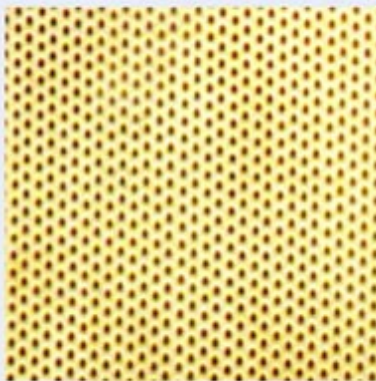
**Brass Oblong Hole**



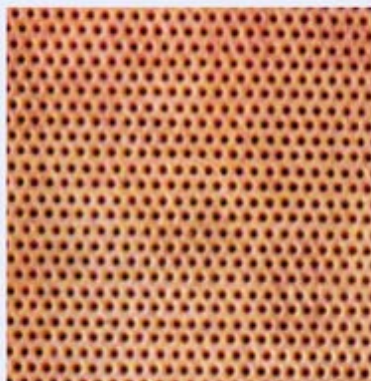
**Copper Oblong Hole**



**S.S. Oblong Hole**



**Brass Conical Hole**



**Copper Conical Hole**



**Nickel Screen**



**Lock Lap**

THICKNESS		CONICAL ROUND HOLE (550 HPSI)		ELONGATED / OBLONG HOLE		
IN MM	IN GAUGE	BRASS	COPPER	BRASS	COPPER	SS304
0.40	27G	0.254	0.264	0.234	0.244	0.222
0.45	26G	0.286	0.297	0.264	0.274	0.250
0.50	25G	0.318	0.330	0.293	0.305	0.277
0.55	24G	0.349	0.363	0.322	0.335	
0.61	23G	0.387	0.403	0.358	0.372	
0.71	22G	0.451	0.469	0.416	0.433	
0.81	21G	0.514	0.535	0.475	0.493	
TO CALCULATE SQUARE FEET OF SHEET SIZE						
IN MM	WIDTH IN MM X LENGTH IN MM / 92903.04 = TOTAL SQUARE FEET					
IN INCH	WIDTH IN INCH X LENGTH IN INCH / 144 = TOTAL SQUARE FEET					
(NOTE - 2% TO 3 % TOLERANCE SHALL BE ACCEPTABLE )						

## NOTES

All screens manufactured for centrifugal machines are composed of costly metals. Variations of thickness directly affects the pricing, consumption, durability, labour cost and economy of Sugar Mills.

Our recommendations are as follows:

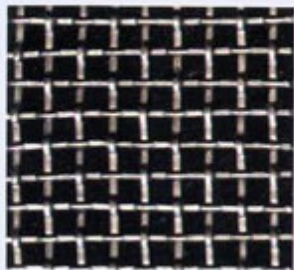
1. Verify the thickness of the screens from the weight chart

2. For durability and better results the composition of the screens should be as follows:

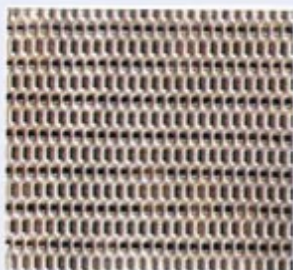
Brass Screens : 63 CU : 37 ZN Alloy

Copper Screens : 99.9 purtiy

Stainless Steel Screens : 304 grade as specified in vacuum filter screen specification on last page of this catalogue



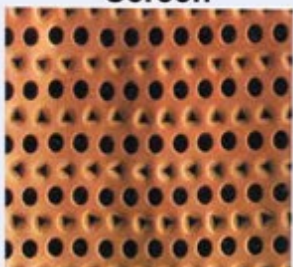
**Dovex Screen**



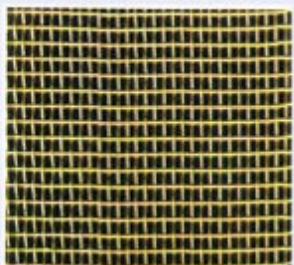
**Stabbed Hole Screen**



**S.S. Plain Wire Mesh**



**Triangular Stabbed with Round Hole**



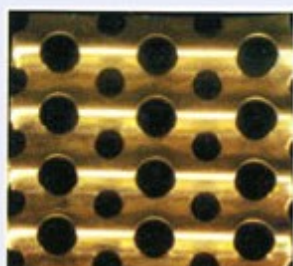
**Brass Plain Wire Mesh**



**Expanded Metal**



**S.S. Heavy Wire Netting**



**Brass Corrugated Supporting**



**Vibrating Screen**



**Wedge Wire Screen for DSM Machine**

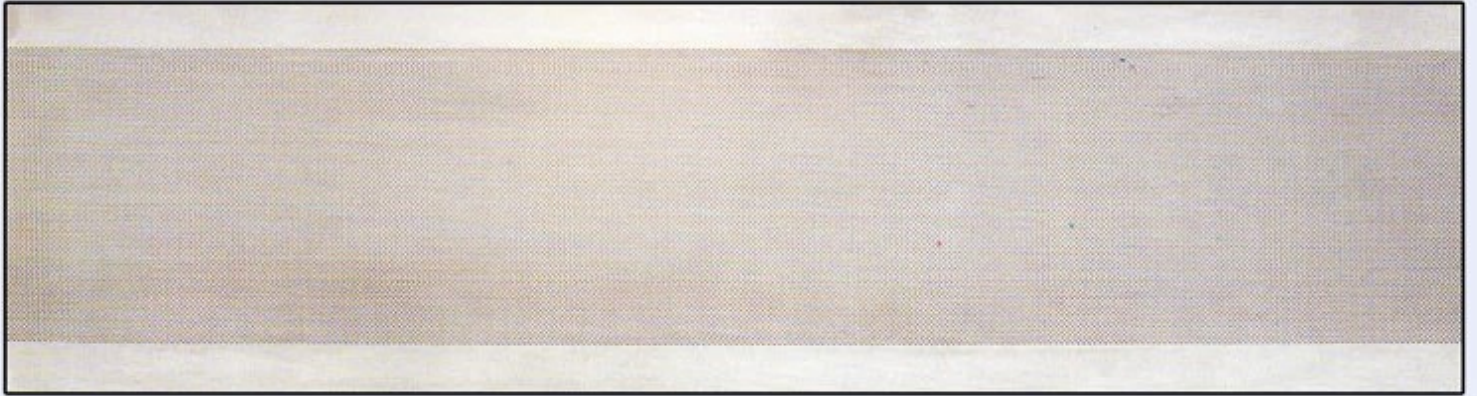
MESH	GAUGE	IN MM	WEIGHT PER SQ FEET	
			SS 304	BRASS
4	16	1.60	0.482	0.520
4	17	1.40	0.369	0.398
4	18	1.20	0.271	0.293
4	19	1.00	0.188	0.203
4	20	0.90	0.152	0.165
5	18	1.20	0.339	0.366
5	19	1.00	0.235	0.254
5	20	0.90	0.190	0.206
5	21	0.81	0.154	0.167
6	18	1.20	0.406	0.439
6	19	1.00	0.282	0.305
6	20	0.90	0.229	0.247
6	21	0.81	0.185	0.200
6	22	0.71	0.142	0.154
7	18	1.20	0.474	0.512
7	19	1.00	0.329	0.356
7	20	0.90	0.267	0.288
7	21	0.81	0.216	0.233
7	22	0.71	0.166	0.179
8	20	0.90	0.305	0.329
8	21	0.81	0.247	0.267
8	22	0.71	0.190	0.205
8	23	0.61	0.140	0.151
9	20	0.90	0.343	0.370
9	21	0.81	0.278	0.300
9	22	0.71	0.213	0.230
9	23	0.61	0.158	0.170
9	24	0.55	0.128	0.138
10	22	0.71	0.237	0.256
10	23	0.61	0.175	0.189
10	24	0.55	0.142	0.154
10	25	0.50	0.118	0.127
12	24	0.55	0.171	0.184
12	25	0.50	0.141	0.152
12	26	0.45	0.114	0.123
14	26	0.45	0.133	0.144
14	27	0.40	0.105	0.114
14	28	0.34	0.076	0.082

**Product Range for Centrifugal Screens:**

- Working Screens** : conical round holes and elongated taper slot in copper, brass and S.S. metals and steepcone basket screens duly welded and silver brazed with jointing strips
- Supporting/Backing Screen Pattern** : wire nettings, plain and dovex type triangular stabbed with round hole, stabbed hole, perforated and corrugated in all metals
- Rotary Vacuum Filter Screens** : S.S. 304 grade screens in all sizes and make of filters, zig zag and divisional strips
- Others** : sugar grader mesh, mogensen screens, nickel screens, DSM screens, bagacilo screens



# VACUUM FILTER SCREENS



SCREENS ARE MANUFACTURED WITH ACCURATE HOLE UNIFORMITY IN FLATNESS AND STRAIGHTNESS FOR HIGH DURABILITY AND EASY MOUNTING INTO CAULKING JOINTS

HOLE SIZE	CENTRE	OPEN AREA	MATERIAL	THICK.	WT.IN SQ.FT
.50MM (0.020")	1.09MM (0.043")	19.60%	SS 304	.30MM	160 GRAM
MATERIAL CONSTRUCTION OF 304 GRADE					
C	Mn	Si	Cr	Ni	
0.08	2	0.75	18-20	8.25	



ZIG ZAG  
(BRASS AND S.S.)



DIVISIONAL STRIP

## Technical Aspects :

1. Uniform perforation with correct hole diameter
2. Durability and less consumption due to correct thickness and soft annealed material
3. Easy fittings due to flatness and straightness
4. Provide LOCK LAP system if desired



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