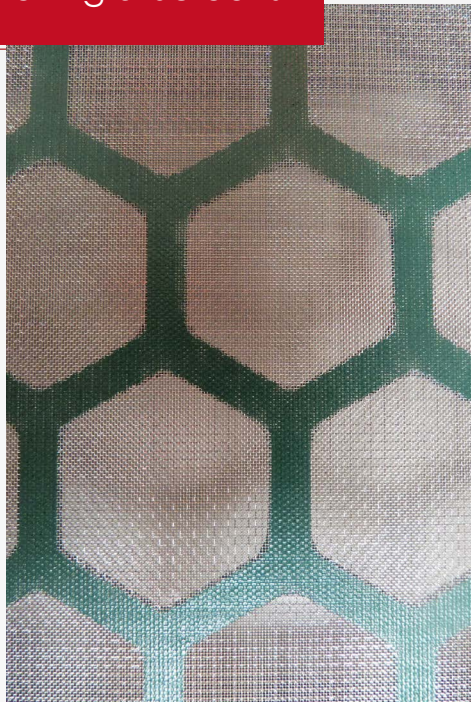


Sieving & Screens



Shale Shaker Screens

Shale shaker screen is a kind of mesh screen installed in shale shakers for filtering and separating drilling cuttings from drilling fluid. Of which, wire cloth is the most important part of the shale shaker screen as it is actually what separates liquids from solids and determines the screening efficiency of the shale shaker screen. We offer a full range of stainless steel wire cloth including both fine mesh and coarse mesh to satisfy your specific requirements for sieving & screening.

Benefits for sieving

- ✓ Solid structure and long service life
- ✓ Good wear & corrosion resistance
- ✓ Great screening efficiency
- ✓ Good loading capacity
- ✓ High fluid handling capacity
- ✓ Wide range of mesh sizes

Specification

Material: 304, 316, 316L.

Screen layers: two or three.

Mesh count: 0.03–0.5 mm

Mesh count: 16–325 mesh

Aperture width: 0.043–1.19 mm

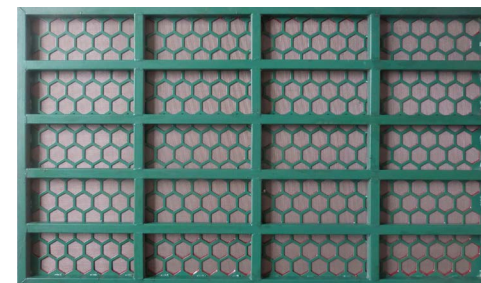
Open screening area: 30.4% – 61%

Stainless Steel Fine Mesh For Shale Shaker Screen

Mesh Count	Wire Diameter	Aperture Width	Open Screening Area	Mass	Aperture Quantities 1 cm ²
No.	mm	mm	%	kg/m ²	
325	0.035	0.043	30.4	0.199	16372
314	0.036	0.045	30.9	0.203	15282
265	0.04	0.056	34	0.212	10885
250	0.04	0.063	37.4	0.197	9688
210	0.05	0.071	34.4	0.262	6836
202	0.055	0.071	31.8	0.305	6325
200	0.053	0.074	34	0.281	6200
200	0.05	0.08	37.9	0.244	6200
188	0.055	0.08	35.1	0.285	5478
170	0.055	0.094	39.8	0.258	4480
150	0.071	0.1	34.6	0.366	3488
154	0.065	0.1	36.7	0.325	3676
200	0.03	0.1	61	0.078	6200
150	0.06	0.11	41.9	0.269	3488
130	0.08	0.112	34	0.423	2620
140	0.06	0.12	44.4	0.254	3038
120	0.09	0.12	32.7	0.49	2232
124	0.08	0.125	37.2	0.396	2383
110	0.09	0.14	37.1	0.447	1876
106	0.1	0.14	34	0.529	1742
100	0.11	0.14	31.4	0.615	1550
100	0.1	0.15	36	0.508	1550
100	0.1	0.16	37.9	0.488	1550
91	0.12	0.16	32.7	0.653	1284
80	0.14	0.18	31.6	0.784	992
84	0.1	0.2	44.4	0.42	1094
79	0.12	0.2	39.1	0.572	967
77	0.13	0.2	36.7	0.65	919
46	0.15	0.4	52.9	0.505	328
70	0.1	0.261	52	0.354	760
65	0.1	0.287	54.6	0.331	655
61	0.11	0.306	53.6	0.307	577
56	0.11	0.341	56.8	0.283	486
52	0.12	0.372	56.8	0.374	419
47	0.12	0.421	60.3	0.342	342
42	0.13	0.472	61.2	0.306	273

Stainless Steel Coarse Mesh For Shale Shaker Screen

Mesh Count	Wire Diameter	Aperture Width	Open Screening Area	Mass	Aperture Quantities 1 cm ²
No.	mm	mm	%	kg/m ²	
16	0.4	1.19	56	1.2	39.68
16	0.5	1.09	46.9	1.88	39.68
18	0.4	1.01	51.3	1.35	50.22
18	0.5	0.91	41.7	2.12	50.22
20	0.3	0.97	58.3	0.85	62
20	0.35	0.92	52.5	1.15	62
20	0.4	0.87	46.9	1.5	62
20	0.5	0.77	36.8	2.35	62
24	0.36	0.7	43.5	1.46	89.28
30	0.25	0.6	49.7	0.88	139.5
30	0.3	0.55	41.7	1.27	139.5
35	0.25	0.5	44.4	1.03	189.9
40	0.2	0.44	46.9	0.75	248
40	0.25	0.39	36.8	1.18	248
45	0.25	0.31	31	1.32	313.88
50	0.18	0.33	41.7	0.76	387.5
50	0.2	0.31	36.8	0.94	387.5
50	0.23	0.28	29.9	1.24	387.5
60	0.12	0.3	51.3	0.41	558
60	0.16	0.26	38.7	0.72	558
60	0.18	0.24	33	0.91	558
70	0.12	0.24	44.8	0.48	759.5
80	0.12	0.2	38.7	0.55	992



Applications

- Oilfield drilling
- Drilling mud solids control
- Drilling rigs
- Mine screening
- Coal cleaning
- Mining



Oilfield drilling



Drilling mud solids control



Drilling rig



Coal cleaning