

FSI ver. 2.0

We are... **API RP 13C Compliant**
We have... **Large inventory for fast delivery**
We do... **OEM & Quality Replacement Panels**

SIEVE AND MESH EQUIVALENTS

MICRONS	US SIEVE	INCHES	MILLIMETERS
2000	10	0.0787	2.000
1700	12	0.0661	1.700
1400	14	0.0555	1.400
1180	16	0.0469	1.180
1100	18	0.0394	1.100
850	20	0.0331	0.850
710	25	0.0278	0.710
600	30	0.0234	0.600
500	35	0.0197	0.050
425	40	0.0165	0.425
355	45	0.0139	0.355
300	50	0.0117	0.300
250	60	0.0098	0.250
212	70	0.0083	0.212
180	80	0.0070	0.180
150	100	0.0059	0.150
125	120	0.0049	0.125
106	140	0.0041	0.106
90	170	0.0035	0.090
75	200	0.0029	0.075
63	230	0.0025	0.063
53	270	0.0021	0.053
45	325	0.0017	0.045
38	400	0.0015	0.038

TIP: Select screens that will allow gumbo to remain wet until discarded from the shaker. When a screen is blinded, the openings are plugged with particles and mud can no longer flow through the screens. The screen surface will feel like sand paper. Select the next finest mesh or de-blinding style screens.



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SEPARATION POTENTIAL

Mesh No.	D100(µm)	API No.	O.A.(%)	Conductance
A. For FMR Series				
FMR 24	1179	16	49.9	16.42
FMR 38	701	25	34.2	12.48
FMR 40	661	25	35.5	11.21
FMR 50	514	35	31.2	8.77
FMR 60	418	40	29.7	7.24
FMR 70	351	45	26.9	6.92
FMR 84	272	60	26.5	4.71
FMR 110	202	70	25.4	3.55
FMR 140	169	80	24.6	2.78
FMR 150	164	100	24.2	2.47
FMR 175	136	120	23.8	2.16
FMR 210	114	140	24.0	1.85
FMR 230	86	170	24.9	1.68
FMR 250	82	200	24.9	1.57
FMR 270	69	230	25.6	1.25
FMR 325	62	230	22.8	0.97
FMR 400	49	270	21.9	0.78
FMR 450	43	325	20.1	0.56
FMR 500	38	400	16.3	0.35
B. For FMD Series				
FMD 24	793	20	49.4	18.38
FMD 38	518	35	30.0	8.80
FMD 50	376	45	29.1	7.09
FMD 60	319	50	28.5	5.99
FMD 70	261	60	27.8	4.88
FMD 84	221	70	26.1	3.78
FMD 100	194	80	25.8	3.45
FMD 110	163	100	25.4	3.11
FMD 140	137	120	27.0	2.45
FMD 175	116	140	26.5	1.94
FMD 210	97	170	26.5	1.70
FMD 230	87	170	26.8	1.53
FMD 250	82	200	27.0	1.36
FMD 270	74	200	25.4	1.10
FMD 325	62	230	21.9	0.80
FMD 400	51	270	20.1	0.55
FMD 450	45	325	17.8	0.41

*D100 : Particles this size and larger will normally be discarded.

*API : Corresponding API sieve equivalent as per API RP 13C.

*O.A : Open Area

*Conductance - kD/mm. This represents the ease with which a liquid can flow through the screen. Larger values represent higher volume handling.

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