

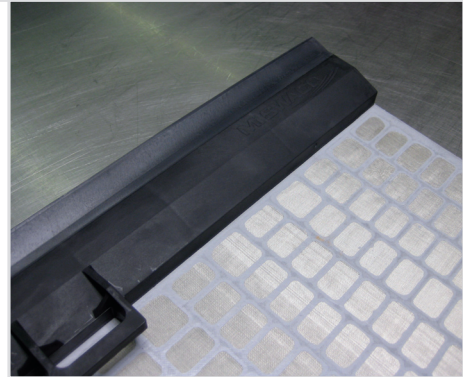
D500 METALBACK Replacement Screens

D500 METALBACK Replacement Screens are designed to fit Derrick^ Series 503, 504, 513 and 514 brand shale shakers. The screens utilize a perforated metal panel that supports the wire cloth with a metal grid that creates small spans of wire cloth, increasing screen life and allowing the screen to be repaired. Both sides of the screen have end caps that prevent fluid from bypassing the screen and returning directly to the mud pits. The end caps also ensure that the screen fits snugly against the shaker side walls.*

M-I SWACO D500 METALBACK screens are available with XR MESH* and XL* Mesh to offer the right balance of life, capacity and separation for any application.*

Patented XR MESH combines high-performance geometry with sturdy construction to dramatically upgrade the effectiveness of any major OEM shale shaker. The results of using XR MESH on the Derrick Series 500 shakers are exceptional screen life and fluid-handling capacity.

XL Mesh is a triple-layer square mesh with good separation efficiency and is excellent in sandstone formations, which can typically present blinding problems when using standard screen mesh.



Features

- Small, discreet sections of mesh
- Integrated handle
- Precision openings to match the shaker tensioning system
- Available with XR or XL Mesh
- API RP 13C compliant

Benefits

- Durable
- Repairable
- Easy to handle
- High conductance and screen life when coupled with XR MESH



Customer-focused, solutions-driven

Specifications

Part Number	Mesh Designation	d ₁₀₀ (micron)	API Designation Equiv Sieve	Conductance (Kd/mm)	Non-Blanked Area, ft ²
JD50XL014N	XL014	1331	API 14	12.03	4.7
JD50XL024N	XL024	799	API 20	11.53	4.7
JD50XL038N	XL038	531	API 35	7.95	4.7
JD50XL050N	XL050	312	API 50	3.44	4.7
JD50XL070N	XL070	265	API 60	2.66	4.7
JD50XL084N	XL084	209	API 70	2.54	4.7
JD50XL105N	XL105	186	API 80	2.05	4.7
JD50XL120N	XL120	139	API 100	1.63	4.7
JD50XL165N	XL165	113	API 140	0.81	4.7
JD50XL200N	XL200	101	API 140	0.99	4.7
JD50XL230N	XL230	80	API 200	0.66	4.7
JD50XL270N	XL270	66	API 230	0.39	4.7
JD50XL325N	XL325	50	API 270	0.32	4.7
JD50XL400N	XL400	52	API 270	0.27	4.7
JD50XR084N	XR084	273	API 60	3.21	4.7
JD50XR105N	XR105	227	API 70	2.21	4.7
JD50XR120N	XR120	198	API 70	2.09	4.7
JD50XR165N	XR165	142	API 100	1.30	4.7
JD50XR200N	XR200	115	API 140	1.02	4.7
JD50XR230N	XR230	112	API 140	0.84	4.7
JD50XR270N	XR270	95	API 170	0.71	4.7
JD50XR325N	XR325	72	API 200	0.50	4.7
JD50XR400N	XR400	51	API 270	0.45	4.7

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