

DURAFLO composite replacement screen

Provides excellent separation, capacity, and screen life

How it improves wells

DURAFLO* composite replacement screens maximize nonblanked areas while fully supporting the screen cloth with small, repairable cells. The result is a screen system that has excellent separation, capacity, and screen life.

How it works

The DURAFLO screen for the MD-3* triple-deck and MD-2* dual-deck shakers incorporate a novel latch design that maintains the screen-to-screen seal and enables screens to be removed without the use of any tools. The design also includes a soft, integral seal that seals against the shaker and from screen to screen.

Mesh options

DURAFLO screens are available with XR MESH* shaker screen mesh, HC Mesh, and XL Mesh to offer the right balance of life, capacity, and separation for any application. Patented XR MESH combines high-performance geometry and sturdy construction, resulting in exceptional screen life and fluid handling capacity. HC Mesh is a triple-layer, rectangular opening mesh that is very effective in applications where maximum flow capacity and antiblinding properties are key to performance. 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 a standard screen mesh is used.

Features

- Composite frame
- Consistent, controlled mesh tension across the screen surface
- Small screen size: just 61 × 66 cm [24 × 26 in]
- Integral seal
- Lightweight: less than 7 kg [15 lbm]
- Patent-pending self-latching feature
- Beveled sides

Benefits

- Improved screen life and solids conveyance
- Excellent fluid handling capacity
- Corrosion-resistant frame is not affected by KCl, Glycol, or other corrosive drilling fluids
- Lower overall screen costs due to a smaller feed screen
- Excellent seal from screen to shaker and screen to screen
- Easy to handle and install
- Reduced downtime resulting from easy screen removal
- Beveled sides center the screens, making screen bed easy to clean
- Does not rust or delaminate

DURAFLO Composite OEM Screens Specifications					
API Designation	Mesh Type	D100 cut point, um	Conductance, kD/mm	Nonblanked Area, ft ²	Part Number
API 70	XL	205	3.15	2.64	J/WMD3XL084C
API 80	XL	186	4.39	2.64	J/WMD3XL105C
API 100	XL	144	2.2	2.64	J/WMD3XL120C
API 120	XL	126	1.585	2.64	J/WMD3XL150C
API 140	XL	116	1.77	2.64	J/WMD3XL165C
API 140	XL	100	1.62	2.64	J/WMD3XL200C
API 170	XL	90	1.058	2.64	J/WMD3XL220C
API 200	XL	78	1.12	2.64	J/WMD3XL230C
API 200	XL	72	0.78	2.64	J/WMD3XL270C
API 230	XL	61	0.39	2.64	J/WMD3XL325C
API 270	XL	54	0.457	2.64	J/WMD3XL360C
API 325	XL	44	0.38	2.64	J/WMD3XL400C
API 20	XL	787	12.01	2.64	J/WMD3XL024C
API 35	XL	480	10.39	2.64	J/WMD3XL038C
API 50	XL	295	6.02	2.64	J/WMD3XL050C
API 60	XL	239	3.98	2.64	J/WMD3XL070C
API 60	XR	237	4.3	2.64	J/WMD3XR084C
API 70	XR	220	3	2.64	JMD3XR105C/W
API 80	XR	194	3.59	2.64	JMD3XR120C/W
API 100	XR	142	2.6	2.64	J/WMD3XR165C
API 120	XR	117	1.3	2.64	J/WMD3XR200C
API 140	XR	110	1.1	2.64	J/WMD3XR230C
API 170	XR	95	1	2.64	J/WMD3XR270C
API 200	XR	79	0.9	2.64	JMD3XR300C/W
API 230	XR	61	0.68	2.64	J/WMD3XR325C
API 270	XR	57	0.48	2.64	J/WMD3XR400C
API 325	XR	48	0.3	2.64	J/WMD3XR500C
API 60	HC	265	3.69	2.64	J/WMD3HC084C
API 60	HC	235	4.09	2.64	J/WMD3HC105C
API 70	HC	201	3.16	2.64	J/WMD3HC120C
API 80	HC	171	2.13	2.64	J/WMD3HC165C
API 100	HC	146	1.82	2.64	J/WMD3HC200C
API 120	HC	122	1.46	2.64	J/WMD3HC230C
API 170	HC	84	1	2.64	J/WMD3HC270C
API 200	HC	73	0.77	2.64	J/WMD3HC325C
API 10	MG	2,013		2.64	J/WMD3MG010C
API 18	MG	955	26.1	2.64	J/WMD3MG020C
API 30	MG	574	14	2.64	J/WMD3MG030C
	MG			2.64	J/WMD3MG040C
0.8 mm	UR				J/WMD3UR008T
2.5 mm	UR				J/WMD3UR025T
SNAP-LOK Plugs					J/WMD3YZZZ-BX

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