

**LAB TESTED
FIELD PROVEN**

DEPENDABLE DELIVERY

VITAL STATISTICS

Screen Style

Hookstrip, Metal Backed

Overall Width

27.38"

Overall Length

41.5"

API Non-Blanked Area

5.36 ft²

Weight

13 lbs

Materials of Construction

Mesh

304 SS

Backing

A500 grade carbon steel

Frame

none

Seal

Flat NBR foam seal

Availability in Sierra™ style

YES

SHIPPING

Screens per box

2

Box Dimensions

28.25" x 48" x 3"

Box Weight

32 lbs



STROX SYSTEMS, LLC

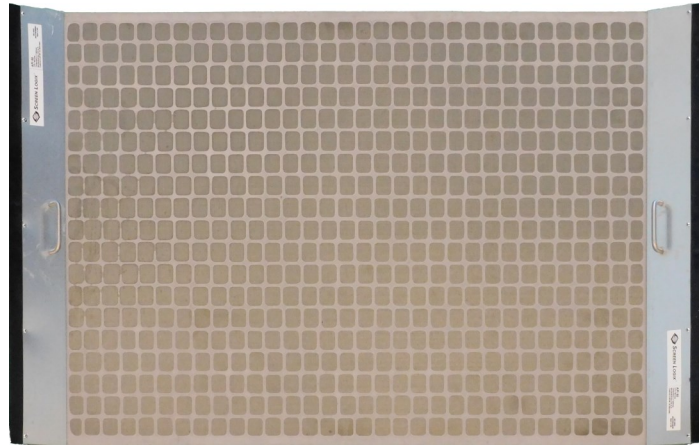
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Replacement for

Derrick® FLC™ 500



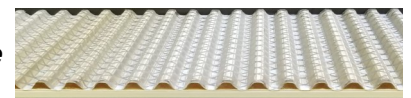
API Performance Characteristics

API #	Cut Point D ₁₀₀ , μ	Conductance kD/mm	API #	Cut Point D ₁₀₀ , μ	Conductance kD/mm
20	794.6	11.00	120	120.1	1.48
30	646.3	12.76	140	99.2	1.01
35	539.5	8.36	170	85.6	0.76
45	381.5	7.49	200	73.3	0.62
50	293.7	4.84	230	68.6	0.57
60	260.3	2.69	270	53.8	0.39
70	207.8	2.06	325	48.8	0.38
80	176.1	1.77	400	36.0	0.25
100	142.5	2.06			

These Specifications conform to API RP 13C "Recommended Practice on Drilling Fluid Processing Systems Evaluation", latest edition

ALSO available:

- ◆ **MARKET GRADE** common wire cloth mesh—on request
- ◆ **BLANK** Screen with sheet steel replacing wire cloth
- ◆ **SCREEN HOLE PLUGS** for damaged mesh
- ◆ **SIERRA** corrugated surface for increased flow performance



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