

**LAB TESTED  
FIELD PROVEN**

**DEPENDABLE DELIVERY**

### VITAL STATISTICS

#### Screen Style

Frame Support,  
Metal Backed

#### Overall Width

24.00"

#### Overall Length

46.25"

#### API Non-Blanked Area

5.36 ft<sup>2</sup>

#### Weight

30 lbs

#### Materials of Construction

##### Mesh

304 SS

##### Backing

A500 grade carbon steel

##### Frame

A500 grade carbon steel

##### Seal

NBR Flat Seal

#### Availability in Sierra™ style

YES

### SHIPPING

#### Screens per box

1

#### Box Dimensions

29" x 50" x 2"

#### Box Weight

34 lbs



STROX SYSTEMS, LLC

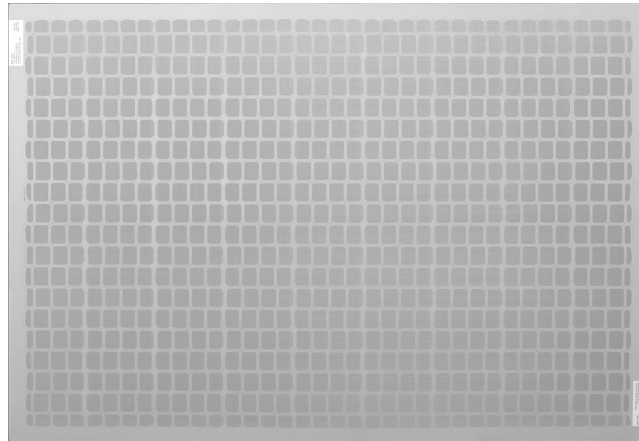
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*Replacement for*

## VFS Orbital® 3000



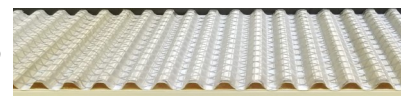
### API Performance Characteristics

API #	Cut Point D <sub>100</sub> , μ	Conductance kD/mm	API #	Cut Point D <sub>100</sub> , 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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