

**LAB TESTED
FIELD PROVEN**

DEPENDABLE DELIVERY

VITAL STATISTICS

Screen Style

Frame Support,
Metal Backed

Overall Width

36"

Overall Length

42"

API Non-Blanked Area

7.42 ft²

Weight

34 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

36" x 42.25" x 2"

Box Weight

40 lbs



STROX SYSTEMS, LLC

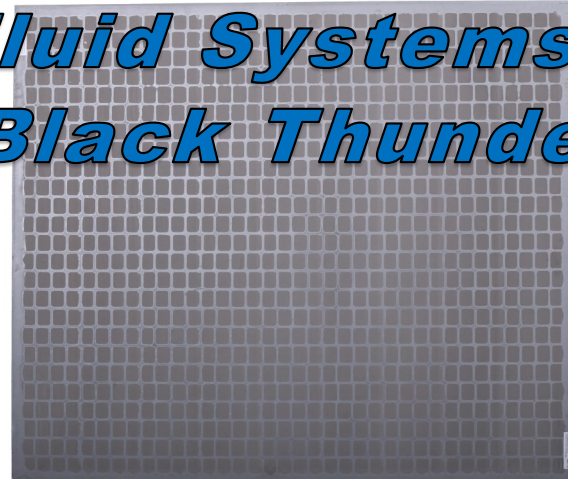
Office: +1.713.589.9900

Email: sales@stroxsystems.com

www.stroxsystems.com

Replacement for

Fluid Systems™ Black Thunder



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



HOUSTON TEXAS
Admin / Sales / Shipping

8524 Hwy 6 North #438
Houston, TX 77095

MIDLAND TEXAS
Warehouse / Shipping

1110 South FM 1788 #85
Midland, TX 79706

LOUISIANA
Production / Shipping

618 Hangar Drive
New Iberia, LA 70560

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