



**MADE  
IN THE  
USA**

## DERRICK® 500 SERIES REPLACEMENT SCREENS

Patriot™ replacement screens for shale shakers combine high quality mesh combinations with a proprietary adhesive compound that results in extended screen life. This translates to savings for our clients. Patriot screens are made in the USA, at our Oklahoma City manufacturing plant. All screens are engineered to meet exact design specifications of the manufacturer shale shaker and are available in a variety of configurations.

## FEATURES

### Works with these shakers and quantities

Derrick® FLC 503 shaker – 3 panel  
Derrick® FLC 504 shaker – 4 panel  
Derrick® FLC 513 shaker – 3 panel  
Derrick® FLC 514 shaker – 4 panel

### Type of screen

Metal back hook strip

### Gasket

Nitrile

### Weight

14 pounds (6.35 kgs)

### Approximate dimensions

41.25" x 27.5" (104.775 cm x 69.85 cm)  
6.01 sq ft non-blanket area

### Mesh & API Information

| Part number   | API RP 13C designation | D100 cut points (microns) | API micron range for screen designation |
|---------------|------------------------|---------------------------|-----------------------------------------|
| DER500MBA018F | API 18                 | 931                       | >925.0 to 1090.0                        |
| DER500MBA035F | API 35                 | 544                       | >462.5 to 550.0                         |
| DER500MBA045F | API 45                 | 355                       | >327.5 to 390.0                         |
| DER500MBA060F | API 60                 | 270                       | >231.0 to 275.0                         |
| DER500MBA070F | API 70                 | 225                       | >196.0 to 231.0                         |
| DER500MBA080F | API 80                 | 165                       | >165.0 to 196.0                         |
| DER500MBA100F | API 100                | 156                       | >137.5 to 165.0                         |
| DER500MBA120F | API 120                | 136                       | >116.5 to 137.5                         |
| DER500MBA140F | API 140                | 103                       | >98.0 to 116.5                          |
| DER500MBA170F | API 170                | 88                        | >82.5 to 98.0                           |
| DER500MBA200F | API 200                | 70                        | >69.0 to 82.5                           |
| DER500MBA230F | API 230                | 66                        | >58.0 to 69.0                           |
| DER500MBA325F | API 325                | 44                        | >41.5 to 49.0                           |

## CORPORATE

### Premium Oilfield Technologies - USA

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## MANUFACTURING & REPAIR

### Premium Drilling Equipment and Support

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### Patriot and Urethane

8401 Westland West Blvd.  
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### West Texas Operations All Divisions

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### Patriot Screens

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### Canada Operations All Divisions

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## FIELD SALES, SERVICES AND REPAIR OFFICES

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## INTERNATIONAL

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### INDIA

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