

# Product Performance and Testing

## PIG Pipe Filter Sock

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## PIG Pipe Filter Sock

| Part Number | Size                       | Oil Absorbed (Gal) | Flow Rate (GPM) | Load Capacity (Cubic ft) |
|-------------|----------------------------|--------------------|-----------------|--------------------------|
| FLT940      | 2"–4" Dia Pipes; 5' long   | 1.06               | 225             | 0.8                      |
| FLT941      | 5"–8" Dia Pipes; 5' long   | 1.8                | 375             | 2.5                      |
| FLT942      | 9"–12" Dia Pipes; 8' long  | 4.2                | 875             | 8                        |
| FLT943      | 13"–15" Dia Pipes; 8' long | 5.3                | 1100            | 12                       |

### Pipe-Filtering Sock Contaminant Removal

| Test                       | Result | UOM | ASTM        |
|----------------------------|--------|-----|-------------|
| Sediment Filter Efficiency | 96.3   | %   | ASTM D-5141 |
| Heavy metals               | None   |     |             |



### Product Data

| Test                           | Result | UOM           | ASTM        |
|--------------------------------|--------|---------------|-------------|
| Total Suspended Solids Removed | 91.5   | %             | ASTM D-5141 |
| Turbidity                      | 59.4   | %             | ASTM D-5141 |
| Sieve Size (AOS)               | 200/74 | Sieve/ Micron | ASTM D-4751 |
| Puncture Resistance            | 77.5   | lb.           | ASTM D-4833 |
| Elongation at Peak MD (%)      | 50.21  | %             | ASTM D-4632 |
| Elongation at Break TD (%)     | 48.1   | %             | ASTM D-4632 |
| Trapezoid Tear Strength MD     | 201.6  | lb.           | ASTM D-4533 |
| Tensile Strength MD            | 235.6  | lb.           | ASTM D-4595 |
| Tensile Strength CD            | 235.7  | lb.           | ASTM D-4595 |
| Grab Tensile MD                | 235.9  | lb.           | ASTM D-4632 |
| Permeability                   | 31.7   | GPM/ SF       | ASTM D-4491 |
| Fabric Weight                  | 22     | oz/ sq yd     | ASTM D-5261 |

Data provided is based on ASTM standards. For more information, contact New Pig Technical Services.