REACTIVE CORE MAT®
WITH FLUORO-SORB® 200 ADSORBENT

DESCRIPTION
REACTIVE CORE MAT with FLUORO-SORB 200 adsorbent consists of a layer of FLUORO-SORB 200 sandwiched between two geotextiles, which are needle-punched together. The result is a contaminated sediment capping mat that adsorbs PFAS contaminants.

ROLL DIMENSIONS
• Length: 16 ft (4.9 m)
• Diameter: 22 in (559 mm)
• Core Diameter: 4 in (100 mm) I.D.

• Nominal Weight: 1,500 lbs (680 kg)
• Packaging: 2 mil (0.05 mm) polyethylene sleeve

SHIPPING
• Flatbed truck shipment size: 30 rolls; 45,000 ft² (4,181 m²)
• All shipments will contain three stacks of rolled materials on flatbed

HANDLING
• Core Pipe: length = 18 ft (5.5 m); O.D. = 3.5 in (90 mm); strength rating = XXH or strongest available
• Alternatives: solid steel pipe with above dimensions; custom-fabricated “stinger” for forklift
• Spreader Bar: I-beam supported by chains
• Straps: factory-placed lifting straps available upon request

TESTING DATA

<table>
<thead>
<tr>
<th>MATERIAL PROPERTY</th>
<th>TEST METHOD</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLUORO-SORB adsorbent mass/area¹</td>
<td>CETCO Test Method</td>
<td>0.8 lb/ft² (3.9 kg/m²) min.</td>
</tr>
<tr>
<td>Tensile strength²</td>
<td>ASTM D 4632</td>
<td>90 lbs (400 N) min.</td>
</tr>
<tr>
<td>Hydraulic conductivity³,⁴</td>
<td>ASTM D4491</td>
<td>1 x 10⁻³ cm/sec min.</td>
</tr>
</tbody>
</table>

Notes:
¹ FLUORO-SORB adsorbent mass reported on net roll weight basis
² Tensile testing performed in machine direction
³ Sample deaired with vacuum for 16 hours. Permittivity at constant head of 2 inches and converted to hydraulic conductivity using Darcy’s Law and RCM thickness
⁴ Typical values are based on periodic data