CONDUCTIVE LINER
AN INNOVATIVE SOLUTION TO LEAK DETECTION
The **CONDUCTIVE PRIME FINISH** is an electrically conductive geomembrane skin that can be applied to several Solmax PE product series. Once installed* the geomembrane can be rigorously spark-tested for ruptures and leaks. Incorporating electrically reactive carbon black and the highest quality HDPE & LLDPE resins, **SOLMAX CONDUCTIVE PRIME FINISH**, is available on several Solmax PE product series which can meet the most stringent specifications in the industry. This allows the installed liner to be spark-tested on the entire installed surface. The **CONDUCTIVE PRIME FINISH** is available in Solmax's HDPE and LLDPE Series and can be combined with any other of Solmax's finishes or Prime finishes, such as White Reflective.

### Control Method

As per ASTM D7240, the spark testing process can be used with the **SOLMAX CONDUCTIVE PRIME FINISH LINER** to test for damages or leaks. Using a conductive pad linked to a portable holiday detector, electrical induction to the Solmax **CONDUCTIVE PRIME FINISH LINER** is performed to charge the undersurface of the liner. An operator can then sweep the exposed layer of the liner for leaks using a brass brush or conductive wand. As soon as a leak is detected, an alarm will be heard and a visible spark will be seen, therefore instantly guiding the operator to where a repair or patch must be done.

* Solmax recommends to use electrical insulating gloves when handling the leak location wand to prevent accidental electrical shocks.
Benefits

Spark testing an area lined with **SOLMAX CONDUCTIVE PRIME FINISH** is not only safe but very efficient. Operators will save time and money by quickly detecting and repairing any accidental damage made to the totality of the installed surface.

- Does not require intimate contact with the sub-surface
- Does not require a conductive subsurface
- Does not require the use of water
- Does not require special software
- Precise & fast hole detection under overlap liner
- Does not require a special welding machine
- Effective on slopes
- Rapid and effective
- Can locate holes as small as pinholes

Solmax provides a complementary installation and testing training with a minimum purchase of 15 rolls of any Solmax series where the **CONDUCTIVE PRIME FINISH** can be applied. Enquire with your local sales representative for more information.

Applications

- POND LINER
- SECONDARY CONTAINMENT
- EXPOSED & TEMPORARY COVER
- CELL
- MINING APPLICATIONS
- COAL ASH (COAL COMBUSTION RESIDUALS - CCR)

Product Range

<table>
<thead>
<tr>
<th>Solmax Series</th>
<th>Thickness</th>
<th>Standard Finish</th>
<th>Premium Finish</th>
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</thead>
<tbody>
<tr>
<td>HDPE Series</td>
<td>1.0 - 2.5 mm</td>
<td>Smooth, Single Side Textured, Textured, RT</td>
<td>Black, White Reflective, Green</td>
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<tr>
<td>Premium HD Series</td>
<td>1.0 - 2.5 mm</td>
<td>Smooth, Single Side Textured, Textured, RT</td>
<td>Black, White Reflective, Green</td>
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<tr>
<td>LLDPE Series</td>
<td>1.0 - 2.5 mm</td>
<td>Smooth, Single Side Textured, Textured, RT</td>
<td>Black, White Reflective, Green</td>
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<tr>
<td>Premium LLDPE Series</td>
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<td>Smooth, Single Side Textured, Textured, RT</td>
<td>Black, White Reflective, Green</td>
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</tbody>
</table>

PLEASE CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION
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