The JACK-IT™ Hydraulic Jack Liner from Laird Plastics is an alternative to PVC Pipe in new and retrofit hydraulic elevator jack installation.

May eliminate costly downtime, re-drilling and labor costs with the JACK-IT™ Hydraulic Jack Liner. Installation is quick, easy and environmentally safe.

LAIRD PLASTICS
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Bristol, PA 19007
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Fax: 215-785-3776

ADVANTAGES
- Protects the hydraulic system from environmental contaminates
- Corrosion resistant properties
- Replaces rigid PVC pipe installation
- Non conductive material
- UPS Shipping - UL 94 VO

NOTE: Laird Plastics does not provide a means for checking ongoing protection per ASME A17.1/CSA B44 section 3.18.3.8.1 this is provided by others.

INSTALLATION
Flexible- Light Weight- Custom Designed
PHYSICAL PROPERTY TEST RESULTS
The material used for the JACK-IT™ Hydraulic Jack Liner is a blend of PVC and PE. The material was originally used for underground containment for petroleum products. This material is virtually impervious to most chemicals. The only element that would deteriorate the product would be sunlight. And because the elevator jack is located beneath the ground surface, sunlight would not be a deterioration concern.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>40 MIL</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.22</td>
<td>ASTM D 792-81</td>
</tr>
<tr>
<td>Durometer (A Scale)</td>
<td>78</td>
<td>ASTM D 2240-91</td>
</tr>
<tr>
<td>Tensile Strength (psi)</td>
<td>2900</td>
<td>ASTM D 638-91</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>390</td>
<td>ASTM D 638-91</td>
</tr>
<tr>
<td>Tear Resistance (Graves psi)</td>
<td>350</td>
<td>ASTM D 1 004-90</td>
</tr>
<tr>
<td>Low Temperature °C</td>
<td>-35</td>
<td>ASTM D 746-79</td>
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<tr>
<td>Abrasion Resistance</td>
<td>0.24</td>
<td>ASTM D 1044-90</td>
</tr>
<tr>
<td>5000 ct (cs-17 wheel, % Wt. Loss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volatility (%)</td>
<td>1.5</td>
<td>Activated Carbon 24 hrs.@ 87 °C</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

JACK-IT™ Hydraulic Jack Liner specification data sheets are supplied as a service only for your investigation and verification. We make no warranty, guarantee, or representation as to the absolute correctness or sufficiency for the manner in which the material is used. It is the sole responsibility of the user(s) of this material to verify the suitability for the application in which it will be applied.

Laird Plastics®
One Source - The Right Way®

- Hard work
- Honesty and Integrity
- Continual self-improvement
- Empowerment at all levels

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