### Conditions of Use

Conditioning and material presented in this document:

1. Polyurethane copolymer thermoplastic coating per ICC-ES AC 229
2. Manufactured to have in effect industry recognized written quality control for all materials and manufacturing processes
3. All welding is to be done by welders certified under section 5.1
4. The capacity of the underdraining system is a function of many individual elements, including the bearing strength of the foundation and the strength of the foundation bracket connection and the quality of the installation of the pile.
5. Ram Jack Engineering Handbook holds values and/or/or pile capacities and dimensions presented in this document.

### Notes

- No failure due to steels
- No failure due toless

<table>
<thead>
<tr>
<th>Length (in.)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>1.0</td>
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<tr>
<td>2.0</td>
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### Mechanical Properties

- Tensile strength (ksi): 36.9
- Yield strength (ksi): 26.9
- Modulus of elasticity (ksi): 332
- Poisson's ratio: 0.3
- Density (lb/ft³): 91.5

### Table

<table>
<thead>
<tr>
<th>Material</th>
<th>Specimen</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
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<td>Strength</td>
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<tr>
<td>Plastic</td>
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<td>Compliance</td>
</tr>
</tbody>
</table>

### Diagram

- 3/4" Ø External Sleeve Specifications
- Stop Tab: 1/4" Ø 0.002 Inch
- 3/4" Ø External Sleeve Chart
- Part Number: 1014
- Thickness: 0.04"