Industrial Cleaning Catalog
Hoses, Fittings & Accessories
Expert Assemblies for Industrial Cleaning

JGB Enterprises has been a leading supplier of hose, fittings, and hose assemblies for the Industrial Cleaning market since 1977. Our assemblies service pressure washing, waterjetting, waterblasting, sandblasting and so many more sectors involved in industrial cleaning. JGB is also a member of the WJTA - WaterJet Technology Association.

We have the largest Industrial Cleaning hose inventory, so we can provide just in time solutions in an effort to reduce unnecessary down time. Our multiple locations can provide in field technical support, and assure timely delivery of your assemblies.
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**Waterblast Hoses & Accessories**

*Note: Powertrack International recommends color coding Waterjetting Hoses to avoid safety hazards and comply with WJTA Colorization Standards.*

**Eagle Water Jetting Hose**

*Used for stripping layers from hard surfaces, strip mining, and washdown applications.*

**Application:** Stripping layers from hard surfaces, strip mining and washdown applications.

**Tube:** NBR/SBR, light oil resistant

**Reinforcement:**
- 2-1/2” - 4”: 6 ply
- 6”: 8 ply
  - High tensile textile cord

**Cover:** NR, Weather, Ozone, and Abrasion Resistance

**Temperature:** -22°F to +185°F

**Branding:** EAGLE WATER JETTING

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>Wall</th>
<th>WP</th>
<th>Burst</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>004-0480-0800I</td>
<td>3</td>
<td>11</td>
<td>800</td>
<td>2400</td>
<td>2.5</td>
</tr>
<tr>
<td>004-0640-0800I</td>
<td>4</td>
<td>13</td>
<td>800</td>
<td>2400</td>
<td>3.7</td>
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<tr>
<td>004-0960-0600I</td>
<td>6</td>
<td>14</td>
<td>600</td>
<td>1800</td>
<td>5.6</td>
</tr>
</tbody>
</table>

Note: Powertrack International recommends color coding Waterjetting Hoses to avoid safety hazards and comply with WJTA Colorization Standards.
Dunlop Hiflex Waterblast Hose

*Designed for very high pressure waterblasting.*

**Application:** Stripping layers from hard surfaces, strip mining and washdown applications.

**Tube:** NBR (Nitrile Rubber)

**Reinforcement:** 4 Spiral Layers

**Cover:** NBR (Nitrile Rubber)

**Temperature:** -40°F to +160°F

<table>
<thead>
<tr>
<th>Series</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst Pressure</th>
<th>Tensile Strength</th>
<th>Bend Radius</th>
<th>Weight lbs/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB10</td>
<td>1/2</td>
<td>0.969</td>
<td>10000</td>
<td>25000</td>
<td>2976</td>
<td>8.00</td>
<td>0.61</td>
</tr>
<tr>
<td>WB10</td>
<td>3/4</td>
<td>1.27</td>
<td>10000</td>
<td>25000</td>
<td>4452</td>
<td>8.25</td>
<td>0.98</td>
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<tr>
<td>WB10</td>
<td>1</td>
<td>1.528</td>
<td>10000</td>
<td>25000</td>
<td>11034</td>
<td>14.00</td>
<td>1.46</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Series</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst Pressure</th>
<th>Tensile Strength</th>
<th>Bend Radius</th>
<th>Weight lbs/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB15</td>
<td>3/8</td>
<td>0.843</td>
<td>18000</td>
<td>45000</td>
<td>2189</td>
<td>6.00</td>
<td>0.57</td>
</tr>
<tr>
<td>WB15</td>
<td>1/2</td>
<td>1.000</td>
<td>16000</td>
<td>40000</td>
<td>3283</td>
<td>8.00</td>
<td>0.85</td>
</tr>
<tr>
<td>WB15</td>
<td>3/4</td>
<td>1.252</td>
<td>14500</td>
<td>36250</td>
<td>6373</td>
<td>11.00</td>
<td>1.20</td>
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</table>

**Description:** Ultra High Pressure Waterblast Hose

**Tube:** NBR (Nitrile rubber)

**Cover:** NBR (Nitrile rubber)

**Reinforcement:** 6 Spiral

**Temperature:** -40°F to 160°F

<table>
<thead>
<tr>
<th>Series</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst Pressure</th>
<th>Tensile Strength</th>
<th>Bend Radius</th>
<th>Weight lbs/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB20</td>
<td>1/4</td>
<td>0.64</td>
<td>20000</td>
<td>50000</td>
<td></td>
<td>4.92</td>
<td>0.41</td>
</tr>
<tr>
<td>WB20</td>
<td>3/8</td>
<td>0.88</td>
<td>20000</td>
<td>50000</td>
<td></td>
<td>5.91</td>
<td>0.69</td>
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<tr>
<td>WB20</td>
<td>1/2</td>
<td>1.16</td>
<td>20000</td>
<td>50000</td>
<td>4178</td>
<td>8.00</td>
<td>1.17</td>
</tr>
<tr>
<td>WB20</td>
<td>3/4</td>
<td>1.38</td>
<td>20000</td>
<td>50000</td>
<td></td>
<td>11.81</td>
<td>1.70</td>
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**Precautions**

- Restricted to use as high pressure waterjetting hose where safety factors of 2.5:1 are the industry norm. Due to the safety critical nature of these very high pressure hoses, it is recommended that pre-fitted and tested assemblies are sourced.
- No warranty is given for assemblies made with non-approved fittings.
- JGB recommends referencing the recommended practices for the use of manually operated high pressure waterjetting equipment published by the Waterjet Technology Association (WJTA).

*Waterblast Hose Assemblies Powertrack International recommends color coding Waterjetting Hoses to avoid safety hazards and comply with WJTA Colorization Standards*

***Disconnects and Hammer Unions also available***
SPIR STAR Hose Type 13/4H

**Applications:** Waterblast: Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)

Hydraulics: Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

Oil and Gas: Grease injection, chemical injection, control of subsea hydraulic components, nitrogen service, Gaseous media handling

**Inner Core:** Polyamide (PA)

**Pressure Support:** 4 layers of high-tensile steel wire

**Outer Cover:** Polyamide (PA)

**Temperature:** -22°F to 158°F

**Colors:** Grey

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom. ID</th>
<th>OD</th>
<th>Working Pressure</th>
<th>Burst Pressure</th>
<th>Bend Radius</th>
<th>Weight</th>
<th>Insert ID</th>
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<tbody>
<tr>
<td>H134H050FTMSC</td>
<td>1/2</td>
<td>.87</td>
<td>20.300</td>
<td>50.750</td>
<td>7.87</td>
<td>0.591</td>
<td>0.30</td>
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**Sleeve**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Dimensions (in)</th>
<th>Torque</th>
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</thead>
<tbody>
<tr>
<td>11340232</td>
<td>-</td>
<td>Steel</td>
<td>1.16 2.5</td>
<td>-</td>
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</table>

**HP Fitting**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Dimensions (mm)</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>41360214C</td>
<td>9/16&quot;x18UNF LH Stainless steel</td>
<td>7.5 118 2.4</td>
<td>-</td>
<td></td>
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</table>

**MP Fitting**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Dimensions (in)</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>41360204C</td>
<td>3/4&quot;x16UNF LH Stainless steel</td>
<td>7.5 121 25</td>
<td>-</td>
<td></td>
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**Female swivel 24°/60°**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>21340314B</td>
<td>G1/2&quot;</td>
<td>Stainless steel</td>
<td>51060315, 51060311</td>
<td>7.5 81</td>
<td>- 27</td>
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**Female swivel with O-Ring**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
<th>Torque</th>
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</thead>
<tbody>
<tr>
<td>21360244C</td>
<td>M24x1.5 Stainless steel</td>
<td>51320205, 51321206</td>
<td>7.5 89</td>
<td>- 32</td>
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**Type M female swivel**

<table>
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<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
<th>Torque</th>
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</thead>
<tbody>
<tr>
<td>21360644C</td>
<td>1&quot;x12UNF Stainless steel</td>
<td>51360645, 51360641, 51360643</td>
<td>7.5 84</td>
<td>- 32</td>
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</table>
Swivel Nut for Hose Type 13/4H

<table>
<thead>
<tr>
<th>Part no</th>
<th>Thread</th>
<th>Material</th>
<th>Relief bores</th>
<th>Dimensions (mm)</th>
<th>Torque</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>51360641</td>
<td>1”x12UNF</td>
<td>Steel</td>
<td>1 radial</td>
<td>16.8</td>
<td>28</td>
</tr>
<tr>
<td>51360643</td>
<td>1”x12UNF</td>
<td>Stainless steel</td>
<td>1 radial</td>
<td>16.8</td>
<td>28</td>
</tr>
<tr>
<td>51360645</td>
<td>1”x12UNF</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16.8</td>
<td>28</td>
</tr>
<tr>
<td>51060311</td>
<td>G1/2”</td>
<td>Steel</td>
<td>1 radial</td>
<td>16.7</td>
<td>23.5</td>
</tr>
<tr>
<td>51060315</td>
<td>G1/2”</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16.7</td>
<td>23.5</td>
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<tr>
<td>51321206</td>
<td>M24x1.5</td>
<td>Steel</td>
<td>2 axial</td>
<td>16.8</td>
<td>23</td>
</tr>
<tr>
<td>51320205</td>
<td>M24x1.5</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16.8</td>
<td>23</td>
</tr>
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Hose protection without spiral

<table>
<thead>
<tr>
<th>Part no</th>
<th>Size</th>
<th>Material</th>
<th>Camp Ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.903037</td>
<td>ID Ø30, OD Ø39</td>
<td>PVC</td>
<td>1003941</td>
</tr>
<tr>
<td>1.903542</td>
<td>ID Ø35, OD Ø42</td>
<td>PVC</td>
<td>-</td>
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</table>

Hose protection with spiral

<table>
<thead>
<tr>
<th>Part no</th>
<th>Size</th>
<th>Material</th>
<th>Camp Ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.913038</td>
<td>ID Ø30, OD Ø38</td>
<td>PVC</td>
<td>1004145</td>
</tr>
<tr>
<td>1.913240</td>
<td>ID Ø32, OD Ø40</td>
<td>PVC</td>
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Hose securing grip short version

<table>
<thead>
<tr>
<th>Part no</th>
<th>Mesh length in</th>
<th>Overall length in</th>
<th>Breaking strength lbf</th>
<th>Suitable for SPIR STAR® hose outer diameter in</th>
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<tr>
<td>9106400</td>
<td>23.6</td>
<td>31.5</td>
<td>4496, 8992</td>
<td>0.79 - 0.98</td>
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ACCESSORIES COMBINATIONS

Without hose protection

<table>
<thead>
<tr>
<th>Description</th>
<th>Bend Restrictor</th>
<th>Camp Ring</th>
<th>Securing Grips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Securing grip</td>
<td>-</td>
<td>-</td>
<td>9106400</td>
</tr>
</tbody>
</table>

Hose protection without spiral

<table>
<thead>
<tr>
<th>Description</th>
<th>Protection Hose</th>
<th>Bend Restrictor</th>
<th>Camp Ring</th>
<th>Securing Grips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection hose</td>
<td>1.903037</td>
<td>-</td>
<td>1003941</td>
<td>-</td>
</tr>
<tr>
<td>with securing grip</td>
<td>1.903542</td>
<td>-</td>
<td>-</td>
<td>9106400</td>
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</table>

Hose protection without spiral

<table>
<thead>
<tr>
<th>Description</th>
<th>Protection Hose</th>
<th>Bend Restrictor</th>
<th>Camp Ring</th>
<th>Securing Grips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection hose</td>
<td>1.903037</td>
<td>-</td>
<td>1003941</td>
<td>-</td>
</tr>
<tr>
<td>with securing grip</td>
<td>1.903542</td>
<td>-</td>
<td>-</td>
<td>9106400</td>
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</tbody>
</table>
**Thermoplastic Waterblast Hose Assemblies**

**SPIR STAR (Hose Type 5mmUHP®)**

*Used for surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra high-pressure waterjet cutting and hydro-demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)*

- **Inner Core:** Polyoxymethylene (POM)
- **Pressure Support:** 8 layers of high-tensile steel wire
- **Outer Cover:** Polyamide (PA)
- **Color:** Chrome yellow
- **Temperature:** -22°F to 140°F

### Hose

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
<th>Insert ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5UHP079</td>
<td>0.18</td>
<td>0.60</td>
<td>46.400</td>
<td>116.000</td>
<td>9.84</td>
<td>0.466</td>
<td>0.10</td>
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</table>

### Sleeve

<table>
<thead>
<tr>
<th>Part #</th>
<th>Material</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10580116</td>
<td>Steel</td>
<td>0.776, 2.72</td>
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</table>

### HP Fitting

<table>
<thead>
<tr>
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<th>Thread</th>
<th>Material</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40560294E</td>
<td>1/4”x28UNF LH</td>
<td>Stainless steel</td>
<td>2.5, 103, 14</td>
</tr>
<tr>
<td>40560284E</td>
<td>3/8”x24UNF LH</td>
<td>Stainless steel</td>
<td>2.5, 112, 20</td>
</tr>
<tr>
<td>40560264E</td>
<td>9/16”x18UNF LH</td>
<td>Stainless steel</td>
<td>2.5, 124, 24</td>
</tr>
<tr>
<td>40560274E</td>
<td>M14x1,5 LH</td>
<td>Stainless steel</td>
<td>2.5, 124, 24</td>
</tr>
</tbody>
</table>

### Female Swivel 24°/60°

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20560314E</td>
<td>G1/4”</td>
<td>Stainless steel</td>
<td>50560301</td>
<td>2.5, 84, 22</td>
</tr>
<tr>
<td>20560164E</td>
<td>M14x1,5</td>
<td>Stainless steel</td>
<td>50540101</td>
<td>2.5, 84, 19</td>
</tr>
</tbody>
</table>
**SPIR STAR MAXIMUS (Hose Type 6mmUHP®)**

*Used for surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning.*

- **Inner Core:** Polyoxymethylene (POM)
- **Pressure Support:** 8 layers of high-strength steel wire
- **Outer Cover:** Polyamide (PA)
- **Color:** Chrome yellow
- **Temperature:** -22°F to 140°F

### Hose

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
<th>Insert ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6UHP079</td>
<td>0.23</td>
<td>0.73</td>
<td>46.400</td>
<td>116.000</td>
<td>11.02</td>
<td>0.710</td>
<td>0.12</td>
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### Sleeve

<table>
<thead>
<tr>
<th>Part #</th>
<th>Material</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10680102</td>
<td>Steel</td>
<td>A: 0.933, B: 2.60</td>
</tr>
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</table>

### HP Fitting

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40660204C</td>
<td>9/16&quot;x18UNF LH</td>
<td>Stainless steel</td>
<td>A: 0.12, B: 3.86, C: 0.79</td>
</tr>
<tr>
<td>40660224C</td>
<td>9/16&quot;x18UNF LH</td>
<td>Stainless steel</td>
<td>A: 0.12, B: 4.41, C: 0.95</td>
</tr>
<tr>
<td>40660124C</td>
<td>M14x1.5 LH</td>
<td>Stainless steel</td>
<td>A: 0.12, B: 4.41, C: 0.95</td>
</tr>
</tbody>
</table>

### Type M female swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20660604C</td>
<td>9/16&quot;x18UNF</td>
<td>Stainless steel</td>
<td>50560605, 50560601</td>
<td>A: 0.12, B: 2.83, Torque: 0.87</td>
</tr>
</tbody>
</table>

---

**Back To Table of Contents**
SPIR STAR (Hose Type 8mmUHP®)  

**Used for surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra-high-pressure waterjet cutting and hydro-demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)**

| **Inner Core:** | Polyoxymethylene (POM) |
| **Pressure Support:** | 8 layers of high-tensile steel wire |
| **Outer Cover:** | Polyamide (PA) |
| **Color:** | Chrome yellow |
| **Temperature:** | -22°F to 140°F |

### Hose

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
<th>Insert ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>8UHP079</td>
<td>0.30</td>
<td>0.87</td>
<td>46.400</td>
<td>107.300</td>
<td>11.81</td>
<td>1.005</td>
<td>0.18</td>
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### Sleeve

<table>
<thead>
<tr>
<th>Part #</th>
<th>Material</th>
<th>A</th>
<th>B</th>
</tr>
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<tbody>
<tr>
<td>10880142</td>
<td>Steel</td>
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### HP Fitting

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<th>Dimensions (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>40860214C</td>
<td>3/8”x24UNF LH</td>
<td>Stainless steel</td>
<td>0.18</td>
<td>3.94</td>
<td>0.79</td>
<td></td>
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<td>40860204C</td>
<td>9/16”x18UNF LH</td>
<td>Stainless steel</td>
<td>0.18</td>
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<tr>
<td>40860104C</td>
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<td>Stainless steel</td>
<td>0.18</td>
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### Female Swivel with O-Ring

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
<th>A</th>
<th>B</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>20860224C</td>
<td>M24x1,5</td>
<td>Stainless steel</td>
<td>51320205, 51321206</td>
<td>0.18</td>
<td>3.58</td>
<td>1.26</td>
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</table>

### Type M Female Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
<th>A</th>
<th>B</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>20860644C</td>
<td>3/4”x16UNF</td>
<td>Stainless steel</td>
<td>50840605, 50840601</td>
<td>0.18</td>
<td>2.99</td>
<td>0.94</td>
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### Swivel Nut

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Relief bores</th>
<th>Dimensions (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Torque</th>
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<tbody>
<tr>
<td>50840601</td>
<td>3/4”x16UNF</td>
<td>Steel</td>
<td>1 radial</td>
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<td>0.69</td>
<td>0.94</td>
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<tr>
<td>50840605</td>
<td>3/4”x16UNF</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>0.48</td>
<td>0.88</td>
<td>0.69</td>
<td>0.94</td>
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<tr>
<td>51321206</td>
<td>M24x1,5</td>
<td>Steel</td>
<td>2 axial</td>
<td>0.66</td>
<td>0.90</td>
<td>0.63</td>
<td>1.26</td>
<td></td>
</tr>
<tr>
<td>51320205</td>
<td>M24x1,5</td>
<td>AISI 316Ti</td>
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<td>0.66</td>
<td>0.90</td>
<td>0.63</td>
<td>1.26</td>
<td></td>
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</table>
**SPIR STAR SILVER MONGOOSE (Hose Type 13/2WR)**

*Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal)*

- **Inner Core:** Polyamide (PA)
- **Pressure Support:** 2 open layers, 2 dense layers of high-tensile steel wire
- **Outer Cover:** Polyurethane (TPU)
- **Color:** Silver
- **Temperature:** -22°F to 140°F

### Hose Part Table

<table>
<thead>
<tr>
<th>Hose Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
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<tr>
<td>132WR2281</td>
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<td>0.87</td>
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<td>37,700</td>
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### Sleeve Table

<table>
<thead>
<tr>
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<th>Dimensions (in)</th>
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<tbody>
<tr>
<td>11330206WR</td>
<td>Steel</td>
<td>1.08 2.5</td>
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<tr>
<td>11330205WR</td>
<td>AISI 316Ti</td>
<td>1.08 2.36</td>
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### MP Fitting Table

<table>
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<th>Thread</th>
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<th>Dimensions (in)</th>
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<tbody>
<tr>
<td>41360205O</td>
<td>9/16&quot;x18UNF LH</td>
<td>AISI 316Ti</td>
<td>0.30 4.66 0.51</td>
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### Male Fitting Table

<table>
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<tr>
<th>Part #</th>
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<th>Material</th>
<th>Dimensions (in)</th>
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</thead>
<tbody>
<tr>
<td>31360401O</td>
<td>1/2&quot;x14NPTF</td>
<td>Steel</td>
<td>0.30 3.9 0.71 0.87</td>
</tr>
<tr>
<td>31360405O</td>
<td>1/2&quot;x14NPTF</td>
<td>AISI 316Ti</td>
<td>0.30 3.9 0.71 0.87</td>
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### Female Swivel 24°/60°

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
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</thead>
<tbody>
<tr>
<td>21360332O</td>
<td>G1/2&quot;</td>
<td>Steel</td>
<td>S1060311</td>
<td>0.29 3.19 1.06</td>
</tr>
<tr>
<td>21360335O</td>
<td>G1/2&quot;</td>
<td>AISI 316Ti</td>
<td>S1060315</td>
<td>0.29 3.19 1.06</td>
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</tbody>
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### Female Swivel with O-Ring

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21360122O</td>
<td>M22x1,5</td>
<td>Steel</td>
<td>S1360221</td>
<td>0.29 3.81 1.18</td>
</tr>
<tr>
<td>21360242O</td>
<td>M24x1,5</td>
<td>Steel</td>
<td>S1321206</td>
<td>0.29 3.50 1.26</td>
</tr>
<tr>
<td>21360245O</td>
<td>M24x1,5</td>
<td>AISI 316Ti</td>
<td>S1320205</td>
<td>0.29 3.50 1.26</td>
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</tbody>
</table>

### Type M Female Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Nut</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21360642O</td>
<td>1&quot;x12UNF</td>
<td>Steel</td>
<td>S1360641</td>
<td>0.29 3.31 1.26</td>
</tr>
<tr>
<td>21360645O</td>
<td>1&quot;x12UNF</td>
<td>AISI 316Ti</td>
<td>S1360645</td>
<td>0.29 3.31 1.26</td>
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</table>

### Swivel Nut

<table>
<thead>
<tr>
<th>Part #</th>
<th>Thread</th>
<th>Material</th>
<th>Relief bore</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>51360641</td>
<td>1&quot;x12UNF</td>
<td>Steel</td>
<td>1 radial</td>
<td>16,8 1.1 0.87 1.26</td>
</tr>
<tr>
<td>51360645</td>
<td>1&quot;x12UNF</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16,8 1.1 0.87 1.26</td>
</tr>
<tr>
<td>51060311</td>
<td>G1/2&quot;</td>
<td>Steel</td>
<td>1 radial</td>
<td>16,7 0.92 0.53 1.06</td>
</tr>
<tr>
<td>51060315</td>
<td>G1/2&quot;</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16,7 0.92 0.53 1.06</td>
</tr>
<tr>
<td>51360221</td>
<td>M22x1,5</td>
<td>Steel</td>
<td>1 radial</td>
<td>16,8 0.98 0.55 1.18</td>
</tr>
<tr>
<td>51321206</td>
<td>M24x1,5</td>
<td>Steel</td>
<td>2 axial</td>
<td>16,8 0.90 0.63 1.26</td>
</tr>
<tr>
<td>51320205</td>
<td>M24x1,5</td>
<td>AISI 316Ti</td>
<td>1 radial</td>
<td>16,8 0.90 0.63 1.26</td>
</tr>
</tbody>
</table>
SPIR STAR Blast-Pro Flex Lances (Compact End Fitting for Cleaning Efficiency)

Blast-Pro® flex lances increase cleaning efficiency and reduce lance time by providing you with a larger inner diameter hose with a smaller outer diameter and shorter end fitting. The Blast-Pro® flex lance has a sleeve length 50% shorter than conventional flex lances and increases the maximum outer diameter of the flex lance by only four hundredths of an inch. With the Blast-Pro® flex lance you can clean smaller tubes and pipes with a larger inner diameter hose.

- **3/4 Blast-Pro (0.13” I.D.)**
  - 0.47” Maximum End Fitting O.D.
  - 29,000 P.S.I. Working Pressure
  - End Fittings: 1/4” - 28 HP Male
  - Left Hand or Right Hand

- **4/2H Blast-Pro (0.16” I.D.)**
  - 0.39” Maximum End Fitting O.D.
  - 20,000 P.S.I. Working Pressure
  - End Fittings: 1/4” - 28 MP Male
  - Left Hand or Right Hand

- **4/4 Blast-Pro (0.16” I.D.)**
  - 0.49” Maximum End Fitting O.D.
  - 31,000 P.S.I. Working Pressure
  - End Fittings: 1/4” - 28 HP / M or F
  - Left Hand or Right Hand

- **5/4 Blast-Pro (0.20” I.D.)**
  - 0.49” Maximum End Fitting O.D.
  - 20,000 P.S.I. Working Pressure
  - End Fittings: 1/4” - 28 OR 3/8” - 24 MP / M or F
  - Left Hand or Right Hand

- **6/4 Blast-Pro (0.25” I.D.)**
  - 0.57” Maximum End Fitting O.D.
  - 20,000 P.S.I. Working Pressure
  - End Fittings: 3/8” - 24 MP / M or F
  - Left Hand or Right Hand

- **8/4 Blast-Pro (0.32” I.D.)**
  - 0.67” Maximum End Fitting O.D.
  - 20,000 P.S.I. Working Pressure
  - End Fittings: 9/16” - 18 MP / M or F
  - Left Hand or Right Hand

- **3/6 Blast-Pro (0.12” I.D.)**
  - 0.50” Maximum End Fitting O.D.
  - 40,000 P.S.I. Working Pressure
  - End Fittings: 1/4” - 28 OR 3/8” - 24 HP Male
  - Left Hand or Right Hand
Pressure Washer Hose Assemblies

Eaglewash I

For use on pressure washer machines with working pressures up to 4000 psi and temperatures up to 310°F.

- **Tube:** Synthetic rubber, resistant against cold and hot water with usual cleaning agents.
- **Reinforcement:** One braid of high tensile steel wire.
- **Cover:** Abrasion and ozone resistant synthetic rubber, wrapped or smooth.
- **Temperature:** 14°F to 310°F
- **Packaging:** 500 ft 2 piece reels or cut-to-length coils
- **Branding:** 3/8” EAGLEWASH 4001 PRESSURE WASHER HOSE PSI / 310 DEG F #Q##
- **Couplings:** Hydraulic 100R1 type crimped to fitting manufacturer specifications
- **Colors:** Blue, Gray, Black

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom. ID</th>
<th>ID</th>
<th>OD</th>
<th>Bend Radius</th>
<th>Min Burst</th>
<th>Max. Oper. Pressure</th>
<th>Weight</th>
</tr>
</thead>
</table>

| Eagleflex II |

Specially designed for use on pressure washer machines with working pressures up to 6000 psi and temperatures up to 310°F.

- **Tube:** Synthetic rubber, resistant against cold and hot water with usual cleaning agents.
- **Reinforcement:** Two braids of high tensile steel wire.
- **Cover:** Abrasion and ozone resistant synthetic rubber.
- **Temperature:** 14°F to 310°F
- **Packaging:** 450 ft 2 piece reels or cut-to-length coils
- **Branding:** 3/8” EAGLEFLEX II PRESSURE WASHER HOSE 6000 PSI/310 DEG F #Q##
- **Couplings:** Hydraulic 100R1 type crimped to fitting manufacturer specifications
- **Colors:** Blue, Gray, Black

**Features:**
- Available in bulk, 50 ft., 100 ft., and custom lengths
- Lightweight and easy to handle
- A unique cover compound gives JGB Eagleflex II hoses the durability and flexibility to handle abrasion and normal cleaning chemicals used in the wash industry.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom. ID</th>
<th>ID</th>
<th>OD</th>
<th>Bend Radius</th>
<th>Min Burst</th>
<th>Max. Oper. Pressure</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Black</td>
<td>172-1006-4002I</td>
<td>172-1006-580II</td>
<td>172-0067-5400II</td>
<td>3/8</td>
<td>0.4</td>
<td>0.64</td>
<td>2.6</td>
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</tbody>
</table>
Eaglewash Carpet Cleaning Hose

**Designed for use on pressure washer machines with working pressures up to 3625 psi and temperatures up to 250°F. (300°F Intermittent)**

- **Tube:** Synthetic rubber, resistant against cold and hot water with usual cleaning agents.
- **Reinforcement:** One braid of high tensile steel wire.
- **Cover:** Abrasion and ozone resistant synthetic rubber, smooth only.
- **Temperature:** -40°F to 250°F (300°F Intermittent)
- **Packaging:** 400 ft, 2 piece reels or cut-to-length coils
- **Branding:** 1/4” EAGLEWASH I PRESSURE WASHER HOSE 3625 PSI MAX WP INTERMITTENT 300 DEG F #Q##
- **Couplings:** Hydraulic 100R1 type crimped to fitting manufacturer specifications
- **Colors:** Blue, Gray, Black

**Features:**
- Available in bulk, 50 ft., 100 ft., and custom lengths
- Lightweight and easy to handle
- A unique cover compound gives JGB Eagleflex II hoses the durability and flexibility to handle abrasion and normal cleaning chemicals used in the wash industry.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom. ID</th>
<th>Nom. OD</th>
<th>Bend Radius</th>
<th>Min. Burst</th>
<th>Max. Oper. Pressure</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>168-0042-3000</td>
<td>3/8 .690</td>
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<td>12,000</td>
<td>3625 psi@250°F</td>
<td>.12</td>
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<td>Blue</td>
<td>169-0046-3000</td>
<td>3/8 .690</td>
<td>2.5</td>
<td>12,000</td>
<td>3625 psi@250°F</td>
<td>.12</td>
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<tr>
<td>Grey</td>
<td>169-0047-3001</td>
<td>3/8 .690</td>
<td>2.5</td>
<td>12,000</td>
<td>3625 psi@250°F</td>
<td>.12</td>
</tr>
</tbody>
</table>

Thunderbolt® Hose

**Designed for use on either combination machines or pressure washer machines.**

- **Tube:** Black, heat resistant synthetic rubber
- **Reinforcement:** One wire braid
- **Cover:** Black heat and oil resistant synthetic rubber RMA class B (pin pricked)
- **Temperature:** Handles up to 325°F (163°C) steam at 350 psi with a safety factor in excess of 10 to 1. Handles up to 250°F (121°C) water at 3000 psi with a 4 to 1 safety factor
- **Packaging:** 300 ft reels, multiples of 50 ft max
- **Branding:** 3/8” THUNDERBOLT® COMBO 3000 PSI / 250°F - 350 PSI / 325°F
- **Couplings:** Recommend testing with hydraulic 100R1 over the wire (Skive hose) fittings crimped to the fitting manufacturer specifications. Compatibility with different over the wire fittings should be tested prior to use.

**Features:**
- Abrasion-resistant cover prevents wear due to dragging.
- Chemical-resistant inside and out, to handle most of the detergents and chemicals used in industry today.
- High-pressure, one-wire braid takes up to 3000 psi - meeting or exceeding specs for virtually every pressure washer available.
- Ensures worry-free installation in hot, cold or combo applications.
- Available in 50 ft. lengths.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom. ID</th>
<th>Nom. OD</th>
<th>Bend Radius</th>
<th>Min. Burst</th>
<th>Max. Oper. Pressure, 250°F</th>
<th>Max. Oper. Pressure, 325°F</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>171-9006-3000</td>
<td>3/8 .690</td>
<td>2.5</td>
<td></td>
<td>12,000</td>
<td>3000</td>
<td>350</td>
<td>.21</td>
</tr>
</tbody>
</table>
Eagle Pump® HD 150 PSI

Used for water suction and discharge in industrial and construction services.

**Tube:** Natural and Synthetic Rubber  
**Reinforcement:** High tensile synthetic textile and steel helix wire  
**Cover:** Abrasion and weather resistant synthetic rubber  
**Temperature:** -22°F to 185°F

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>psi</td>
<td>psi</td>
<td>in</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>004-0242-0150l</td>
<td>1-1/2</td>
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<td>150</td>
<td>450</td>
<td>5</td>
<td>0.73</td>
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<tr>
<td>004-0322-0150l</td>
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<td>2.44</td>
<td>150</td>
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<td>004-0482-0150l</td>
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<td>004-0642-0150l</td>
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<tr>
<td>004-1282-0150l</td>
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<td>13.79</td>
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</tbody>
</table>

Eagle Orange/Clear Suction & Discharge Hose

Suction and discharge hose for use in fish suction and rental/construction pumping.

**Tube:** Smooth Bore, flexible PVC  
**Reinforcement:** Rigid PVC helix, synthetic braiding  
**Cover:** Corrugated O.D.  
**Temperature:** -13°F to 140°F

**Features:**
- Lightweight and flexible
- Provides anti-static with copper wire
- External helix provides for easy drag
- Rated for both suction & discharge
- Clear sidewall permits visual check of material flow

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Weight</th>
<th>Std. Length</th>
<th>WP</th>
<th>Vacuum Rating</th>
<th>Min Bend Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>lbs/ft</td>
<td>ft</td>
<td>psi</td>
<td>inch HG</td>
<td>inch</td>
</tr>
<tr>
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<td>1-1/2</td>
<td>2.03</td>
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<td>007-1600-0040l</td>
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</table>

*Not standard - call for availability.*
Eagle EPDM Suction Hose

Designed for liquid waste suction, septic handling, cesspool cleaning, slurries/sludge handling, chemicals, dry material, grain transfer, mining and marine use.

- **Tube:** EPDM rubber
- **Reinforcement:** Plastic helix
- **Temperature:** -40°F to 140°F
- **Colors:** Green, Yellow

**Features:**
- Specially compounded rubber wall, exposed plastic helix
- Excellent resistance to chemicals
- Lightweight and flexible
- Smooth bore, exposed helix - easy to drag

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Vacuum Rating</th>
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<th>Weight</th>
<th>Std. Length</th>
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<tr>
<td>Green</td>
<td>Yellow</td>
<td>in</td>
<td>in</td>
<td>psi</td>
<td>in/HG</td>
<td>in</td>
<td>lbs/ft</td>
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<td>004-0203-0050</td>
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<td>38</td>
<td>29</td>
<td>11.5</td>
<td>1.84</td>
</tr>
</tbody>
</table>

Eagle Green/Clear PVC Suction & Discharge Hose

Used for agricultural liquid fertilizer, air seeder lines, drain lines, irrigation lines, rock dusting, rental and construction dewatering pumps, trash pumps, mining applications (MSHA approved), and water suction standard duty applications.

- **Tube:** PVC tube with rigid PVC helix
- **Temperature:** -10°F to +140°F

**Features**
- Smooth both inner & outer surface
- Ellipse shaped helix: sustains strength without added thickness
- Lightweight, highly flexible - excellent vacuum rating
- Transparent construction allowing visual confirmation of material flow

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
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<th>Weight</th>
<th>Standard Length</th>
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<td>Clear</td>
<td>Green</td>
<td>in</td>
<td>in</td>
<td>in</td>
<td>in/HG</td>
<td>50°F</td>
<td>96°F</td>
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<td>007-0169-0085</td>
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<td>85</td>
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<td>007-0209-0085</td>
<td>1-1/4</td>
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<td>8.83</td>
<td>30</td>
<td>30</td>
<td>28</td>
<td>156</td>
</tr>
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</table>
Eagle Honey Bee Hose

Designed for pumps, rental and construction dewatering, trash pumps, septic & wastewater handling, standard-duty water suction.

**Application:** Pumps, rental and construction dewatering, trash pumps, septic & wastewater handling, standard-duty water suction

**Tube:** Flexible polyethylene (LDPE) tube

**Reinforcement:** Polyethylene (LDPE) ribs and cuffed ends

**Temperature:** -40°F to 150°F (Actual service temperature range is application dependent.)

**Lengths:** 2": 3/10/20/25/30/40/50/60 ft.
3": 3/20/25/30/50/60 ft.

**Features:**
- **Superior Flexibility!** Corrugated tube and ribs provides high flexibility, perfect for maneuvering in tight areas such as portable toilets.
- **“Cold-Flex” Materials** Hose remains flexible in sub-zero temperatures.
- **Crush Resistant** Will spring back to original shape after being crushed, will not kink!
- **Easy Slide Helix** Exposed ribs protect hose tube from cover wear, and allow hose to slide easily over rough surfaces. Easy-to-handle.
- **Leak Proof Cuffs** Overmolded cuffs eliminate leaking and will not separate from the hose. Each cuff and unit is 100% factory tested.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Vacuum Rating</th>
<th>Min Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>psi @ 68°F</td>
<td>in. Hg @ 68°F</td>
<td>in</td>
<td>lbs/ft</td>
</tr>
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<td>4.06</td>
<td>7</td>
<td>29</td>
<td>6.5</td>
<td>1.2</td>
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</table>

**NOTE:** Service life may vary depending on operating conditions and type of material being conveyed.
Petroleum Hose Solutions

Eagle Oilflex Tank Truck Hose

Designed for suction and discharge applications in truck and tank car transfer of gasoline, oil and other petroleum-based products with up to 50% aromatic content.

Tube: Black conductive, oil resistant Nitrile (NBR)
Reinforcement: High tensile textile cord, double steel helix.
Cover: Red corrugated – abrasion, ozone and hydrocarbon resistant.
Temperature: -40°F to +180°F
Branding: EAGLE OILFLEX 150 PSI WP
Couplings: Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
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<tbody>
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<td>2.52</td>
<td>150</td>
<td>3</td>
<td>1.06</td>
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<td>009-0483-0150I</td>
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<td>3.54</td>
<td>150</td>
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<td>1.85</td>
</tr>
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<td>6.77</td>
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<td>8.86</td>
<td>150</td>
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</table>

* Full Vacuum

Eagle Tank Truck® 150 Hose

Designed for use in tank truck, bulk petroleum stations, and in plant oil service.

Tube: Oil resistant, black conductive Nitrile (NBR)
Reinforcement: Synthetic textile and twin helix steel wire
Cover: Black, abrasion, ozone, weather, heat and oil resistant neoprene rubber
Temperature: -40°F to +180°F
Branding: EAGLE TANK® TRUCK SERVICE 150 PSI WP
Couplings: Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
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<th>WP*</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1.93</td>
<td>150</td>
<td>4</td>
<td>0.92</td>
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<td>009-0322-0125I</td>
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<td>150</td>
<td>7</td>
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</tr>
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<td>2-1/2</td>
<td>3.00</td>
<td>150</td>
<td>9</td>
<td>1.59</td>
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<td>150</td>
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<td>1.86</td>
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<td>8.9</td>
<td>150</td>
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<td>8.40</td>
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</tbody>
</table>

* Full Vacuum
Eagle Tank® Truck 300 PSI Hose

*Designed for transport of mineral oil products and fuel mixtures with aromatic content up to 50%.*

**Tube:** Oil resistant, black conductive Nitrile (NBR)

**Reinforcement:** High tensile textile cord, steel helix, crossing antistatic wires

**Cover:** Black corrugated - abrasion, ozone and hydrocarbon resistant neoprene

**Temperature:** -40°F to +180°F

**Branding:** EAGLE TANK® TRUCK SERVICE 300 PSI WP

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP*</th>
<th>Min Bend Radius</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>psi</td>
<td>in</td>
<td>lb./ft.</td>
</tr>
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<td>3.74</td>
<td>300</td>
<td>9</td>
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<td>8</td>
<td>9.40</td>
<td>300</td>
<td>35</td>
<td>13.80</td>
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</tbody>
</table>

* Full Vacuum

Eagle O.S.&D. Hose

*Designed for oil/water suction and delivery service.*

**Tube:** Oil and fuel resistant conductive nitrile (NBR), 50% Aromatics

**Reinforcement:** Multiple high tensile synthetic tire cords (polyester cords) with steel wire helix

**Cover:** Oil, weather and ozone resistant, cloth impression, black synthetic rubber

**Temperature:** -40°F to 194°F

**Packaging:** Custom Skids

**Branding:** EAGLE OIL SERVICE S&D® CARGO 250 MAX WP #Q## MEETS USCG 33CFR 154.500

**Couplings:** Built-in pipe flanges fixed x floating (ANSI B16.5)

**Lengths:** 10 ft. and 20 ft. standard length

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Bend Radius</th>
<th>WP</th>
<th>Weight 10'</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td>in</td>
<td>psi</td>
<td>lbs</td>
<td>lbs</td>
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<td>009-1603-0020</td>
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<td>17-3/4</td>
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<td>18</td>
<td>20</td>
<td>106</td>
<td>250</td>
<td>946</td>
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</table>

* Assembled weight
Eagle Gravity Fuel Drop Hose

*Designed to deliver gasoline, diesel fuel, kerosene and fuels with aromatic content to 40%.*

**Tube:** NBR/PVC tube, smooth bore with embedded Safety Ohm ground wire in the hose wall

**Reinforcement:** Rigid clockwise PVC helix, one braid of high tensile polyester yarn reinforcement

**Lengths:** 100 ft.

**Temperature:** -10°F to +140°F

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

**Features**
- **Up to 50% lighter than conventional rubber hose.**
- Higher transfer pressures.
- Easy to drag with “Go-Glide” external clockwise PVC helix.
- Safety Ohm ground wire embedded into hose wall to help prevent the build-up of static electricity. Wire must be secured to ground to dissipate static electricity

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Reinf. Spirals</th>
<th>Min Bend Radius</th>
<th>Max WP 68°F</th>
<th>Vacuum 68°F</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td></td>
<td>in</td>
<td>psi</td>
<td>ft.</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>009-0324-0120I</td>
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<td>2.68</td>
<td>1</td>
<td>5</td>
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<td>1.13</td>
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<td>3.68</td>
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<td>8</td>
<td>65</td>
<td>29.9</td>
<td>2.16</td>
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</table>
Eagle PU Vapor Recovery Hose

Anti-static tank truck vapor recovery hose

**Tube:** Polyurethane (TPU)

**Reinforcement:** Rigid PVC helix and embedded grounding wire

**Cover:** Green Corrugated

**Temperature:** -40°F to +140°F

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

**Features**
- Biofuel Compatible - Revolutionary polyurethane compound! Specially designed to handle gasoline, ethanol (Meeting ASTM D5798, D4806 or D6751 criteria.), diesel and biodiesel (Meeting ASTM D5798, D4806 or D6751 criteria.) vapors... and still keeps all the other great features and benefits!
- Non-permeable polyurethane construction - won’t swell or become stiff like conventional TPR/rubber hoses. Long life reduces operating costs.
- Lightweight - much lighter than conventional TPR/rubber hoses.
- Superior flexibility - especially in sub-zero weather!
- See-through” construction - for visual confirmation if fuel backs up into the vapor recovery system.
- Grounding Wire - Durable multi-strand copper wire dissipates static electricity. Physically extract wire from the rigid helix and bond to the metal coupling (or by other means) to ground.
- Easy Slide Helix - Rigid counter clockwise helix design protects hose tube from cover wear; allows hose to slide easily over rough surfaces.

<table>
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**Sleeve:**

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Eagle Uremat® Hose

A polyurethane lined hose used for handling abrasives such as pellets, rocks, sands, chips, grains transfer. Also used for industrial vacuuming, and as a shot line, bark blow line, or for lawn/mulch/straw collection.

**Tube:** Highly flexible, static dissipative black HMC PVC compound with polyurethane lining

**Cover:** Black PVC convoluted cover

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

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Eagle Uremat® HD Hose

A polyurethane lined hose used for handling abrasives such as pellets, rocks, sands, chips, grains transfer. Also used for industrial vacuuming, and as a shot line, bark blow line, or for lawn/mulch/straw collection.

**Tube:** Highly flexible, static dissipative HMC PVC compound with polyurethane lining

**Cover:** PVC convoluted cover

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

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Boarvac Suction Hose

Designed for heavy duty abrasive resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement, dry fertilizer, iron ore, and grains.

**Tube**: SBR rubber blended with static carbon black, smooth bore, corrugated O.D.

**Reinforcement**: Rigid PVC helix

**Temperature**: -40°F to +140°F

**Branding**: Boarvac

**Couplings**: Contact JGB for proper fitting recommendation and coupling procedure.

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<td>29.8</td>
<td>3.08</td>
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*Call for Availability

Back To Table of Contents
Eagle Bulk® Material HD Hose

Used for pneumatic transport of abrasive materials such as cement and sand, and other dry abrasive bulk materials. Also used for the anti-static transfer of materials that create static buildup on the liner (anti-static compound in hose liner protects from static electricity).

**Tube:** 1/4 inch abrasion resistant layer of synthetic and natural elastomer blend, smooth
1/8 inch abrasion resistant layer of synthetic and natural elastomer blend, smooth

**Reinforcement:** High tensile textile cord

**Cover:** Blend of synthetic and natural elastomers, black, smooth with cloth impression, antistatic, abrasion, weather, and ozone resistant. Black SBR

**Temperature:** -30°F to +185°F

**Branding:** 4" EAGLE BULK® MATERIAL 75 PSI

**Lengths:** 100 ft.

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Eagle Hot Air® Blower Hose

Used for conveying hot air from a blower or compressor to tanks on dry bulk material carriers.

**Tube:** Black EPDM

**Reinforcement:** Multiple plies of high tensile textile with dual steel wire helix

**Cover:** Black EPDM

**Temperature:** -40°F to +400°F

**Branding:** EAGLE HOT AIR® BLOWER 150 PSI / 400 DEG. F. MAX

**Lengths:** 100 ft.

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*Full Vacuum
Discharge Hose

**Eagle Nitrile® 150PSI Hose**

Designed as a dependable & durable, yet lightweight and flexible solution for high volume, high pressure water transfer applications. It allows for quick layout and retrieval and is typically used in dewatering operations, irrigation, sewage, and general pumping duties.

This hose is constructed using an “Extruded Thru the Weave” (ETW) manufacturing process.

- **Tube:** Blend of synthetic elastomers, smooth, oil resistant, black
- **Reinforcement:** Single high tensile textile braid
- **Cover:** Yellow, blend of synthetic elastomers compound, ribbed finish
- **Temperature:** -4°F to 176°F
- **Branding:** EAGLE NITRILE 150#
- **Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.
- **Colors:** Black, orange, yellow
- **Safety Factor:** 4:1
- **Lengths:** 100 and 200 feet standard lengths (Long length available upon request)

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**Eagle Flo Blue PVC Discharge Hose**

Used for light duty, general purpose agricultural, irrigation, and construction applications.

- **Tube:** Blue PVC
- **Reinforcement:** Polyester yarn
- **Cover:** Blue PVC
- **Temperature:** -4°F up to 150°F
- **Branding:** EAGLE FLO® WATER DISCHARGE
- **Couplings:** Standard short shank aluminum, malleable or brass couplings
- **Lengths:** Cut and coupled to length.

**BULK**

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**ASSEMBLIES**

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Eagle Red PVC HD Discharge Hose

*Designed for agricultural, quarry, irrigation, mining, construction and industrial applications.*

**Tube:** Premium Red PVC  
**Reinforcement:** Two spiral plies and longitudinal silk cords  
**Cover:** Premium Red PVC  
**Temperature:** -10°F up to 150°F  
**Branding:** EAGLE WATER DISCHARGE HD  
**Couplings:** Standard short shank aluminium, malleable or brass couplings, Steel Bauer  
**Lengths:** Cut and coupled to length.

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Eagle Mill® Discharge Hose

*Designed as a medium pressure PVC discharge hose, for light-duty water discharge*

**Tube:** SBR  
**Cover:** 100% Polyester  
**Temperature:** -25°F up to 185°F  
**Branding:** EAGLE MILL® 250 SJ  
**Couplings:** Stock hose assemblies with banded C/E  
Stock hose assemblies with banded water shanks  
**Lengths:** 50 ft. and 100 ft. stock lengths  
**Colors:** White

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Sandblast Hose & Assemblies

Thunderblast® Sandblast Hose 2/4 Ply

Specially designed hose for use in all abrasive blast applications, suitable for all commonly used blasting media.

**Tube:** Black Static Conductive Natural Rubber

- **4 ply:** ¼” - ¾” ID have ¼” tube thickness, 1” - 2” ID have 5/16” tube thickness
- **2 ply:** All sizes, ¼” tube thickness

**Reinforcement:** High Tensile Textile Plies

**Cover:** Black Abrasion Resistant SBR

**Temperature:** -40°F to +185°F (-40°C to +85°C)

**Branding:** THUNDERBLAST® 4 PLY 175 PSI WP

**Lengths:** 50 ft & 100 ft. standard (Contact JGB for 200 ft. bulk length availability)

**Standards:**
- * EN ISO 3861
- * Abrasion loss Value: According to DIN 53516 ≤ 60 mm³

**Features**
- With black high abrasion, static conductive natural rubber tube
- Black abrasion resistant cover with green layline
- 1-1/2” & 2” sizes rated to 150 PSI

<table>
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<th>WP</th>
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<td>in</td>
<td>in</td>
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<td>psi</td>
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Back To Table of Contents
Eagle 700 Metal Hose Assembly

Eagle 700 series corrugated hose is a high quality general purpose industrial hose.

**Construction:** SS 316L corrugated flexible hose with SS 304 double wire braiding

**Couplings:** TIG welded with 150# SS 316 swivel flanges at both ends with SS 316 Sch. 40 stub end

**Safety:** 4:1

**Quality Certifications & Testing:**
- Hydrostatic & pneumatically tested
- ISO 14001:2004
- Ped Certified

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<tr>
<th>Part #</th>
<th>Part #</th>
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<th>Nom OD</th>
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<td>in</td>
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<td>in</td>
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<td>61</td>
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Eagle Composite® Hose

Recommended for loading and unloading barges, ocean tanker & bunkering services, and is recommended for other doc side operations. The spiral wound high tensile galvanized inner and outer wires provide the strength and flexibility to maintain hose integrity.

**Application:** Suction and Discharge of Gasoline, Diesel fuel, Paraffin, Kerosene, Lubricating Oils, 100% aromatics black oils and heavy lubricants and solvents.

**Carcass:** Multiple layers of polypropylene fabric, film and polyester barrier layers

**Reinforcement:** High tensile strength galvanized inner and outer wire

**Cover:** Abrasion resistant PVC impregnated fabric

**Temperature:** -22°F to +176°F (-30°C to +80°C)

**Flange:** Fix x floating per ANSI B 16.5 CARBON STEEL 150LBS SPECIFICATION (*Complies with USCG 33CFR 154.500)

**Vic:** Standard cut groove carbon steel vic

**Branding:** EAGLE COMPOSITE® OIL SERVICE S&D CARGO 200PSI MAX WP #Q## USCG 33CFR 154.500

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<tr>
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<th>ID</th>
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<th>Burst</th>
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<th>Weight</th>
<th>Max. Length</th>
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Approximate weight of Fix x Floating Flange

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<th>Length</th>
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<td>lbs</td>
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Approximate weight of Vic x Vic

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<td>ft</td>
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UHMWPE Chemical Hose & Assemblies

Eaglechem® UHMWPE Chemical Suction & Discharge Hose

Designed for almost every common industrial chemical used in chemical transfer applications today.

**Tube:** Clear Ultra High Molecular Weight polyethylene

**Reinforcement:** Multiple plies of high tensile textile with dual helix

**Cover:** Green abrasion resistant green EPDM (Available in red, blue, yellow black and grey, white and orange - with 400 ft order)

**Temperature:** -40°F to +250°F

**Branding:** EAGLECHEM® UHMWPE CHEMICAL TRANSFER 240 PSI MAX WP

**Lengths:** 100 ft.

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<td></td>
<td>psi</td>
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<td>in</td>
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Red Air Hose Assemblies

Eagle Air® Jackhammer Hose

Designed for connection to pneumatic tools.

- **Tube**: SBR NR
- **Reinforcement**: Spiral Polyester Yarn
- **Cover**: EPDM
- **Temperature**: -22°F to 176°F
- **Branding**: 3/4" Eagle Air® JH 300 PSI MAX WP #Q##
- **Oil Resistance**: Limited
- **Packaging**: 50 ft. length each with PVC film

**Features**
- Eagle Air™ comes in red or yellow
- Pre-assembled in 3/4” x 50” size
- Coupled with universal couplings

| Part # ID OD WP Burst Pressure Standard Length Reinforcement Spiral |
|------------------|--------|--------|-----------------|-----------------|
| 001-0121-0050I   | 3/4    | 29.5   | 300             | 900             | 50   | 2 |

Eagle Shop Air Hose

Air compressor hose

- **Tube**: SBR + NR
- **Reinforcement**: 2 Spiral Polyester Yarn
- **Cover**: EPDM
- **Temperature**: -22°F to 176°F
- **Branding**: 3/8" EAGLE AIR® 300 PSI MAX WP #Q##
- **Packaging**: 50 ft. length each with shrink film
- **Couplings**: 1/4 NPT x 18 fitting at both ends
- **Oil Resistance**: Limited

| Part # ID OD WP Burst Pressure Standard Length |
|------------------|--------|-----------------|-----------------|
| 001-0061-0050I   | 3/8    | 16.5            | 300             | 900             | 50   |
Eagle Contractor’s Water Hose

Designed as a traditional rubber water hose coupled with standard MxF Garden Hose Thread (GHT) solid brass fittings. This hose features a black PVC bend restrictor at female end to prevent kink and wear at hookup.

- **Tube:** SBR+NR
- **Reinforcement:** Spiral polyester yarns
- **Cover:** EPDM
- **Temperature:** -22°F up to 176°F
- **Branding:** EAGLE CWH CONTRACTORS WATER HOSE 200 PSI MAX WP #Q#
- **Couplings:** Male x female octagonal nut spun brass garden hose coupling with brass ferrules
- **Lengths:** 50ft/coil, (Custom lengths available)
- **Colors:** Black

<table>
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<tr>
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<th>ID</th>
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<th>WP</th>
<th>Weight</th>
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<td>200</td>
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*Custom lengths available*
Yellow Air Hose (BULL HOSE)

Eagle Air® Wire Reinforced Hose

Heavy duty air hose for use in mines, construction and industrial applications where maximum service is required.

**Tube:** Blend of SBR and NBR, black, smooth, suitable for water and air, resistant to oil mist

**Reinforcement:** Brass coated steel wire

**Cover:** Blend of EPDM and SBR, yellow, smooth with cloth impression, weather, ozone and abrasion resistant

**Temperature:** -22°F to 200°F

**Branding:** EAGLE AIR® 600 PSI MAX WP

**Lengths:** 100 ft.

**Features:**
- High safety against bursting, robust, long lasting

<table>
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<th>WP</th>
<th>Burst Pressure</th>
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Eagle Air® 300 PSI Textile Hose

Robust air hose for heavy duty applications in heavy industry, construction and mining.

**Type:** Mandrel built

**Tube:** Blend of synthetic elastomer compound, black, smooth, suitable for water and air, resistant to oil mist

**Reinforcement:** High tensile textile cord

**Cover:** Synthetic elastomer compound, yellow, smooth with cloth impression, weather, ozone and abrasion resistant

**Temperature:** -22°F to 185°F

**Branding:** EAGLE AIR® 300 PSI MAX WP

**Max Lengths:** 200 ft.

**Standard Notice:** EN ISO 2398

**Lengths:** 100 ft.

**Features:**
- Robust yet flexible
- Long lasting, yellow color

<table>
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</table>
**Sewer Cleaning Hose Assemblies**

**Dyna Flex Sewer Cleaning SWRBLUE (Blue) 3000 PSI - Hydraulic Hose**

*For use on high pressure sewer cleaning equipment.*

- **Tube:** Orange seamless polyolefin tube
- **Reinforcement:** Two braids of high tensile synthetic fiber
- **Cover:** Bonded blue high abrasion mold and fungus resistant polyether-urethane featuring an anti-stick additive for a snag resistant slick surface.
- **Temperature:** -40 degrees F. to +122 degrees F.

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**Piranha Armor Belt Sewer Cleaning Hoses 4,000 PSI Series LAGR**

*For use on high pressure sewer cleaning applications and harsh environments requiring additional abrasion resistance.*

- **Tube:** Polyolefin Tube - Provides maximum resistance to hydrolysis
- **Reinforcement:** High tensile double synthetic fiber braids
  - **Polymer Belting** - Protects reinforcement.
- **Cover:** Polyether-Urethane Cover - Provides fungus resistance
- **Temperature:** -40˚F (-40˚C) to +150˚F (+66˚C)
- **Lengths:** Standard Lengths - 400, 500, and 600 foot rolls. (Custom lengths available)
- **Color:** Green

**Features & Advantages:**

- Patented Armor Belt Construction - Increases hose abrasion and cut resistance for longer service life.
- Greatly increased crush resistance.
- Provides rugged and reliable service.
- Polyolefin Tube - Provides maximum resistance to hydrolysis.
- High Tensile Synthetic Fiber Reinforcement - Contributes to low volumetric expansion and eliminates loss of strength from moisture absorption.
- Polyether-Urethane Cover - Provides fungus resistance.
- Unique Construction - All hose components are chemically bonded to maximize hose service life.
- Optional Slither® Ultra Slick Cover - Design is also available; check with factory for details.
- Factory Assemblies - All Piranha® factory-assembled hoses are 100% pressure tested.
- Reel Installation - Ideal for truck and trailer mounted reels.
- The Toughest Hose in the Market
- Lightweight
- Extremely durable against normal wear and tear
- Highly abrasive resistant
- Excellent cut resistance
- Greatly increased crush resistance
- Designed to be tougher and last longer

**Series Number**

<table>
<thead>
<tr>
<th>Series Number</th>
<th>Nom ID</th>
<th>Nom OD</th>
<th>Max Operating Pressure</th>
<th>Min Burst Pressure</th>
<th>Min Bend Radius</th>
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<td>25.4</td>
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<td>275.8</td>
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Piranha Slither High Pressure Sewer Cleaning Hose
3,000 PSI Series SLBU, SLHPBU

For use on high pressure sewer cleaning applications for commercial, industrial and residential service.

**Tube:** Polyolefin
**Reinforcement:** High tensile double synthetic fiber braids
**Cover:** Abrasion resistant polyether-urethane with low coefficient of friction.
**Temperature:** -40°F (-40°C) to +150°F (+66°C)
**Lengths:** Standard Lengths - 400, 500, and 600 foot rolls. (Custom lengths available)
**Color:** Blue

**Features & Advantages**
- **Materials** - Constructed to provide rugged and reliable service under the most severe and demanding conditions.
- **Yellow Color Tube** - Assures the user that they are using a WASTEC designated Piranha® Hose Product.
- **Polyolefin** - Provides maximum resistance to hydrolysis.
- **High Tensile Double Synthetic Fiber Braids** - Contributes to low volumetric expansion and eliminates loss of strength from moisture absorption.
- **Abrasion Resistant Polyether-Urethane** - Polyurethane cover provides exceptional cut, abrasion and fungus resistance.
- **Slither® Cover** - Cover is ultra-slippery; allows hose to maneuver around and through difficult sewer bends.
- **Pressure Testing** - All Piranha® factory-assembled hoses are 100% pressure tested.
- **Reel Installation** - Ideal for truck and trailer mounts.

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<tr>
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<th>Nom ID</th>
<th>Nom OD</th>
<th>Max Operating Pressure</th>
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<th>Min Bend Radius</th>
<th>Weight</th>
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</thead>
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<td>7500 psi 517.1 bar</td>
<td>4.00 in 101.6 mm</td>
<td>0.16 lbs/ft</td>
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<td>12.8 mm</td>
<td>21.2 mm</td>
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<td>SLHPBU-12</td>
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Steam Hose & Assemblies

Eagle EPDM 270 PSI Steam Hose (Red)
Used for the transfer of saturated and superheated steam up to 270 PSI and max 450°F in shipyards, chemical plants and industrial applications.

* Proper draining of steam hose after each use will increase service life.
* Not recommended for washdown applications where detergent or oils are present.

WARNING:
Handling steam is very hazardous. If it is not properly controlled it can cause property damage, injury or even death. Selection for the proper application, usage, and maintenance will not only increase hose life but will insure safe operation for the user.

**Tube:** Black heat-resistant extruded EPDM. Not for steam cleaner use.

**Reinforcement:** High tensile steel wire braids.

**Cover:** Red heat-resistant EPDM rubber. Wrapped cover fabric impression. Pin-pricked cover to allow venting.

**Temperature:** -40°F to +410°F (Intermittent 450°F)

**Branding:** EAGLE EPDM STEAM 270 PSI WP

**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

**Lengths:** 50 or 100 feet

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* Non-stock
### Quick Couplers (QDs)

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#### Hose Barb Socket

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Ground Joint Fittings (Boss)

**Complete Female**

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**Female Stem**

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**Male Stem**

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**Male Spud**

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**Double Spud**

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**Wing Nut**

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**Male Stem also available in:**
- Steel bar stock

**All other ground joints also available in:**
- Iron
- 316 stainless steel
- Brass

*Additional sizes also available, please contact JGB Enterprises with your requirements*
### Universal Couplings

#### Barb

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<td>028-RAMH</td>
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#### Male

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Vacuum Hose Couplings

Ringlock Fittings

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<th>STEEL RINGLOCK MALE</th>
<th>ALUM RINGLOCK FEMALE COUPLER</th>
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<tr>
<td>Diameter in</td>
<td>Weight (lbs)</td>
<td>Diameter in</td>
</tr>
<tr>
<td>4</td>
<td>1.85</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>2.2</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>2.7</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STEEL RINGLOCK LINE TEE</th>
<th>ALUM RINGLOCK LINE TEE</th>
<th>ALUM RINGLOCK END TEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter in</td>
<td>Weight (lbs)</td>
<td>Diameter in</td>
</tr>
<tr>
<td>4</td>
<td>6.35</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>14.35</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>30.5</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ALUM RINGLOCK REDUCER</th>
<th>ALUM RINGLOCK 45° ELBOW</th>
<th>ALUM RINGLOCK 90° ELBOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter in</td>
<td>Weight (lbs)</td>
<td>Diameter in</td>
</tr>
<tr>
<td>6</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>4.9</td>
<td>8</td>
</tr>
<tr>
<td>10</td>
<td>7.4</td>
<td>10</td>
</tr>
</tbody>
</table>

Ringlock Fittings

Aluminum Vacuum Fittings available in sizes 4", 5", 6", 7", 8", 10", 12".
Steel Vacuum Fittings available in sizes 3", 4", 5", 6", 8", 10"
WARNING: UNDER NO CIRCUMSTANCES should cam and groove couplings be used for compressed air or steam service!
Cam & Groove Accessories

Cam & Groove Gaskets

- Sizes from 1/2” to 8”
- White neoprene & White Buna-N gaskets all contain FDA approved materials

Cam & Groove PTFE Gaskets

- Materials: Available with Buna-N, FKM, white Buna-N or Ethylene Propylene fillers
- Sizes from 1/2” to 6”
- PTFE white Buna filler (TFWB) all contain FDA approved materials

- Materials: Available with encapsulated silicone or encapsulated FKM
- Sizes from 3/4” to 4”
- PTFE encapsulated silicone (TES) all contain FDA approved materials

- Materials: PTFE (TFE)
- Sizes from 3/4” to 3”
- PTFE accordion gaskets are recommended for use with viscous (thick) fluids only

Features:
- Encapsulated gasket pressure ratings are reduced to 125 PSI for ¾” - 4” at ambient temperature 70°F (21°C)
- PTFE encapsulated FKM (TEV) gaskets - maximum operating temperature 200°F (93°C)
- PTFE encapsulated silicone gaskets (TES) gaskets - maximum operating temperature 225°F (107°C)

Round Hole Strainer

- Materials: Zinc plated steel or 304 Stainless Steel
- Sizes: Zinc plated steel 1-1/2” to 12”, 304 Stainless Steel 1-1/2” to 6”
- Thread: NPSM
Shank Hose Couplings

JGB Private Brand Water Shanks

- Material: Aluminum with brass nut
- Rubber Seal
- Thread: NPSM
- Thread Sizes: 1” to 6”

Powerlock Clamps

Powerlock Clamp/Powerlock Clamp PS

The Powerlock clamp is a steel, double bolt clamp designed specifically for use with corrugated hose.

<table>
<thead>
<tr>
<th>Powerlock</th>
<th>Powerlock PS</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>ID</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>in</td>
<td>in</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>7.2</td>
</tr>
<tr>
<td>2-1/2</td>
<td>3</td>
<td>7.2</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>9.4</td>
</tr>
<tr>
<td>4</td>
<td>-</td>
<td>14.5</td>
</tr>
<tr>
<td>5</td>
<td>-</td>
<td>14.5</td>
</tr>
<tr>
<td>6</td>
<td>-</td>
<td>16.6</td>
</tr>
<tr>
<td>8</td>
<td>-</td>
<td>16.6</td>
</tr>
<tr>
<td>10</td>
<td>-</td>
<td>18.1</td>
</tr>
<tr>
<td>12</td>
<td>-</td>
<td>18.1</td>
</tr>
</tbody>
</table>

Hose Menders

Steel Hose Mender

- Materials: Zinc plated steel or 316 Stainless Steel
- Sizes: Zinc plated steel 3/8” to 2-1/2”, 304 Stainless Steel 3/8” to 1/2”
**Hammer Unions**

## 100 Series
**Forged Steel**

Used on low pressure manifolds and lines and in applications running air, water, oil or gas up to 1,000 PSI NSCWP (non-shock cold working pressure).

<table>
<thead>
<tr>
<th>Size (in)</th>
<th>Configuration</th>
<th>NSCWP</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100200</td>
</tr>
<tr>
<td>2</td>
<td>buttweld 100 series</td>
<td>1000</td>
<td>039-HU100200BW*</td>
</tr>
<tr>
<td>2 1/2</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100250</td>
</tr>
<tr>
<td>3</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100300</td>
</tr>
<tr>
<td>4</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100400</td>
</tr>
<tr>
<td>4</td>
<td>buttweld 100 series</td>
<td>1000</td>
<td>039-HU100400BW*</td>
</tr>
<tr>
<td>6</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100600</td>
</tr>
<tr>
<td>8</td>
<td>threaded 100 series</td>
<td>1000</td>
<td>039-HU100800</td>
</tr>
</tbody>
</table>

* buttweld ends are schedule 80

## 200 Series
**Forged Steel**

Used in general service applications running air, water, oil or gas up to 2,000 PSI NSCWP (non-shock cold working pressure).

<table>
<thead>
<tr>
<th>Size (in)</th>
<th>Configuration</th>
<th>NSCWP</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200100I</td>
</tr>
<tr>
<td>1 1/2</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200150</td>
</tr>
<tr>
<td>2</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200200</td>
</tr>
<tr>
<td>2</td>
<td>buttweld 200 series</td>
<td>2000</td>
<td>039-HU200200BW*</td>
</tr>
<tr>
<td>2 1/2</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200250</td>
</tr>
<tr>
<td>3</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200300</td>
</tr>
<tr>
<td>4</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200400</td>
</tr>
<tr>
<td>6</td>
<td>threaded 200 series</td>
<td>2000</td>
<td>039-HU200600</td>
</tr>
</tbody>
</table>

* buttweld ends are schedule 80
Sandblast Hose Couplings

### Aluminum Two Lug Hose Coupling

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Size</th>
<th>Hose OD</th>
<th>Weight Each</th>
<th>Standard Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q-AL050</td>
<td>1/2 in</td>
<td>1.06 in</td>
<td>0.15 lb</td>
<td>6</td>
</tr>
<tr>
<td>Q-AL1</td>
<td>3/4 in</td>
<td>1.1/2 in</td>
<td>0.36 lb</td>
<td>6</td>
</tr>
<tr>
<td>Q-AL2</td>
<td>1 in</td>
<td>1.7/8 in</td>
<td>0.36 lb</td>
<td>6</td>
</tr>
<tr>
<td>Q-AL3</td>
<td>1 1/4 in</td>
<td>2 5/32 in</td>
<td>0.66 lb</td>
<td>6</td>
</tr>
<tr>
<td>Q-AL4</td>
<td>1 1/2 in</td>
<td>2 3/8 in</td>
<td>0.88 lb</td>
<td>6</td>
</tr>
<tr>
<td>Q-AL5</td>
<td>1 1/2 in</td>
<td>2 3/8 in</td>
<td>1.10 lb</td>
<td>6</td>
</tr>
</tbody>
</table>

### Aluminum Two Lug Female Threaded Coupling (NPT Threads)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Size</th>
<th>NPT Thread</th>
<th>Weight Each</th>
<th>Standard Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-AL1</td>
<td>1 1/4 in</td>
<td>1 1/4 in</td>
<td>0.34 lb</td>
<td>6</td>
</tr>
<tr>
<td>SB-AL2</td>
<td>1 1/2 in</td>
<td>1 1/2 in</td>
<td>0.28 lb</td>
<td>6</td>
</tr>
<tr>
<td>SB-AL3</td>
<td>1 1/2 in</td>
<td>1 1/2 in</td>
<td>1.05 lb</td>
<td>6</td>
</tr>
</tbody>
</table>

### Aluminum Nozzle Holder (NPS Threads)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Size</th>
<th>Hose OD</th>
<th>NPS Thread Size</th>
<th>Weight</th>
<th>Standard Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>NH-AL050</td>
<td>1/2 in</td>
<td>1 1/16 in</td>
<td>3/4 in</td>
<td>0.15 lb</td>
<td>6</td>
</tr>
<tr>
<td>NH-AL1</td>
<td>3/4 in</td>
<td>1 1/2 in</td>
<td>1 1/4 in</td>
<td>0.30 lb</td>
<td>6</td>
</tr>
<tr>
<td>NH-AL2</td>
<td>1 in</td>
<td>1 7/8 in</td>
<td>1 1/4 in</td>
<td>0.36 lb</td>
<td>6</td>
</tr>
<tr>
<td>NH-AL3</td>
<td>1 1/4 in</td>
<td>2 5/32 in</td>
<td>1 1/4 in</td>
<td>0.52 lb</td>
<td>6</td>
</tr>
<tr>
<td>NH-AL4</td>
<td>1 1/2 in</td>
<td>2 3/8 in</td>
<td>1 1/4 in</td>
<td>0.98 lb</td>
<td>6</td>
</tr>
</tbody>
</table>

### Natural Rubber Gasket for Sandblast Couplings

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Weight Each</th>
<th>Standard Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBG</td>
<td>0.032 lb</td>
<td>10</td>
</tr>
<tr>
<td>SRG-2</td>
<td>0.063 lb</td>
<td>10</td>
</tr>
</tbody>
</table>
Fire Hose Couplings

**Hydrant Adapter Pin Lug Brass**
- Material: Cast Brass (polished chrome finish available)
- NST(NH), NPSH, GHT, NYFD, or NYC threads
- 1-1/2” to 4-1/2” female thread sizes
- 3/4” to 3” male thread sizes

**Brass Female to Male Hex Nipple**
- Material: Cast Brass
- NST(NH), NPSH, GHT, NYFD, or NYC threads
- 3/4 to 6” male & female thread sizes

**Brass Double Male Hex Nipple**
- Material: Cast Brass
- NST(NH)/NST(NH), NST (NH)/NYFD, NYFD/NYFD, NPSH/NPSH, NPT/NPSH, NPT/NST, NPT/GHT, NPT/NPT, NPT/NYFD threads
- 3/4” to 6” / 1-1/2” to 6” male thread sizes

**Domestic FM Approved Polycarbonate Fog Nozzle:**
- Material: Polycarbonate
- NST(NH), NPSH, GHT threads
- 3/4” to 1-1/2” Sizes

**Brass Industrial Fog Nozzle**
- Material: Brass
- NST(NH), NPSH, GHT threads
- 3/4” to 2-1/2” Sizes
- 90° Spray GPM at 100 PSI = (from 32 to 205)

**Plain Hose Nozzle**
- Material: Brass with satin finish
- NST(NH), NPSH, GHT, NYFD threads
- 3/4” to 2-1/2” Sizes
- 90° Spray GPM at 100 PSI = (from 32 to 205)

**Adjustable Hydrant Wrench**
- Material: Aluminum
- Compact wrench easily carried in your jacket pocket
- Fits 3/4” to 3” rocker lug and pin lug couplings
- Weight: 4.21 lbs.

**5 Hole Hydrant Wrench**
- Material: Plated Iron
- 5 pentagon holes designed to fit common hydrant nut sizes
- Built-in spanner for pin or rocker lug couplings
- Weight: 2.05 lbs.
- Length: 14-1/4”
Hose Banding Tools (Center Punch)

Center Punch Clamp Tool

- The center punch tool will work with both 3/8” and 5/8” wide clamps.
- Part #: 039-HBC-300

Center Punch Clamp

- Band width: 3/8” & 5/8”
- Materials: 201 Stainless Steel or Galv. Carbon Steel
- Clamp IDs: 13/16” to 8”

Valves

6” Lever Gate Valve

- Materials: Bronze construction
- Double wedge gate design

6” Threaded Pipe x ANSI Flange

<table>
<thead>
<tr>
<th>Assy #</th>
<th>Flange Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OD</td>
<td>BC</td>
</tr>
<tr>
<td>SV966-MSM</td>
<td>11.00”</td>
<td>9.50”</td>
</tr>
</tbody>
</table>

MSM=Steel Body with 316 Stainless Stem & Gates
Safety Cables

Evertite Hose End to Tool End

**Tube:** NBR/SBR, light oil resistant  
**Reinforcement:** 2-1/2" - 4": 6 ply  
6": 8 ply  
High tensile textile cord  
**Cover:** NR, Weather, Ozone, and Abrasion Resistance  
**Temperature:** -22°F to +185°F  
**Branding:** EAGLE WATER JETTING  
**Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Cable</th>
<th>Hose ID</th>
<th>Length</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>1/2 to 1-1/4</td>
<td>20</td>
<td>3TWHT1</td>
</tr>
<tr>
<td>1/4</td>
<td>1-1/2 to 3</td>
<td>38</td>
<td>3TWHT2</td>
</tr>
</tbody>
</table>

Dixon King Safety Cables

*Style WSR - Style W*

When hose, couplings or clamps fail, or there is an accidental separation of the assembly, King safety cables minimize damage to equipment and injuries to operators. King safety cable reaches across the hose fittings to provide standby safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. A positive safeguard for air hose connections - helps you meet today’s safety standards.

King safety cable must be installed in the extended position (no slack)

**Features**
- Hose-to-hose or hose-to-rigid outlet
- King cable is the low cost answer to eliminate injuries caused by broken air hose connections
- Highly resistant to rust and corrosion
- No tools needed - Easy to install and remove
- Maximum working pressure: 200 PSI

**Style WSR, for hose-to-tool service**

<table>
<thead>
<tr>
<th>Hose ID</th>
<th>Cable</th>
<th>Length</th>
<th>Max. Work. Press. PSI</th>
<th>Steel</th>
<th>Stainless Steel</th>
<th>Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; - 1-1/4&quot;</td>
<td>1/8&quot;</td>
<td>20-1/4&quot;</td>
<td>200</td>
<td>WSR1</td>
<td>WSR1SS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot; - 2&quot;</td>
<td>3/16&quot;</td>
<td>28&quot;</td>
<td>200</td>
<td>WSR3</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-1/2&quot; - 3&quot;</td>
<td>1/4&quot;</td>
<td>38&quot;</td>
<td>200</td>
<td>WSR2</td>
<td>WSR2SS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>3/8&quot;</td>
<td>44&quot;</td>
<td>200</td>
<td>WSR4</td>
<td>---</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Style W, for hose-to-hose service**

<table>
<thead>
<tr>
<th>Hose ID</th>
<th>Cable</th>
<th>Length</th>
<th>Max. Work. Press. PSI</th>
<th>Steel</th>
<th>Stainless Steel</th>
<th>Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; - 1-1/4&quot;</td>
<td>1/8&quot;</td>
<td>20-1/4&quot;</td>
<td>200</td>
<td>WB1</td>
<td>WB1SS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot; - 2&quot;</td>
<td>3/16&quot;</td>
<td>28&quot;</td>
<td>200</td>
<td>WB3</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-1/2&quot; - 3&quot;</td>
<td>1/4&quot;</td>
<td>38-1/4&quot;</td>
<td>200</td>
<td>WA2</td>
<td>WA2SS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44&quot;</td>
<td>3/8&quot;</td>
<td>200</td>
<td>200</td>
<td>WA4</td>
<td>---</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Hose Safety Accessories**

**JGB Safety Cables**

*Used for hose to hose safety restraint.*

**Wire Rope:** Galvanized Carbon Steel for strength and durability  
**Ferrules:** Aluminum  
**Springs:** Galvanized Carbon Steel

**Features**
- The low cost answer to eliminate injuries caused by broken air hose connections  
- Reaches across the hose fittings to provide standby safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose.  
- Thoroughly tested with years of service. A positive safeguard for air hose connections- helps you meet today's safety standards.  
- Highly resistant to rust and corrosion

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Length</th>
<th>Hose ID</th>
<th>Max. WP</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>025-0101-0000I</td>
<td>1/8</td>
<td>20-1/4</td>
<td>1/2 to 1-1/4</td>
<td>200</td>
<td>0.2150</td>
</tr>
<tr>
<td>025-0201-0000I</td>
<td>1/4</td>
<td>38</td>
<td>1-1/2 to 3</td>
<td>200</td>
<td>1.0600</td>
</tr>
<tr>
<td>025-0201-0001I</td>
<td>3/8</td>
<td>44</td>
<td>4</td>
<td>200</td>
<td>2.4500</td>
</tr>
</tbody>
</table>

**Nylon Whipchecks**

*Specially designed choking action which allows the nylon to tighten down on the hose during a failure. Unlike the WHIP CHECK or the steel Hobble Clamp, the NYLON HOSE CHOKER will continue tightening down sometimes even choking off the air for a more controlled release.*

**NOTE:** Double wrap the Nylon Choker on each end.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Breaking strength</th>
<th>Length: Loop to Loop</th>
<th>Recommended for Use on the Following Hose Inside Diameters using &quot;Air&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/4&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NC118</td>
<td>4000 lbs.</td>
<td>18&quot;</td>
<td>26,000</td>
</tr>
<tr>
<td>NC124</td>
<td>4000 lbs.</td>
<td>24&quot;</td>
<td>26,000</td>
</tr>
<tr>
<td>NC130</td>
<td>4000 lbs.</td>
<td>30&quot;</td>
<td>26,000</td>
</tr>
<tr>
<td>NC136</td>
<td>4000 lbs.</td>
<td>36&quot;</td>
<td>26,000</td>
</tr>
<tr>
<td>NC156</td>
<td>7000 lbs.</td>
<td>36&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC180</td>
<td>7000 lbs.</td>
<td>36&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC218</td>
<td>8000 lbs.</td>
<td>18&quot;</td>
<td>40,000</td>
</tr>
<tr>
<td>NC224</td>
<td>8000 lbs.</td>
<td>24&quot;</td>
<td>40,000</td>
</tr>
<tr>
<td>NC236</td>
<td>8000 lbs.</td>
<td>36&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC248</td>
<td>8000 lbs.</td>
<td>48&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC260</td>
<td>8000 lbs.</td>
<td>60&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC344</td>
<td>18000 lbs.</td>
<td>24&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC364</td>
<td>18000 lbs.</td>
<td>36&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC444</td>
<td>23000 lbs.</td>
<td>24&quot;</td>
<td>-</td>
</tr>
<tr>
<td>NC464</td>
<td>23000 lbs.</td>
<td>36&quot;</td>
<td>-</td>
</tr>
</tbody>
</table>
JGB Enterprises, Inc. offers every style of industrial hose, fittings, and hose assemblies to the commercial sector. JGB leads the industry in the manufacturing of custom hose assemblies, including large diameter hose (LDH). Whether your application involves...

- Standard sewer by-pass
- Well point jobs
- De-watering services
- Emergency response irrigation
- Flood zone

...we offer complete sales and service to develop the right assemblies for your application.

Large Diameter Hose (LDH) Program by JGB Enterprises, Inc.

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Industrial Rental Hoses, Fittings, & Assemblies by JGB Enterprises, Inc.

JGB is proud of the high quality hose, fittings, & hose assemblies that we offer to the contractor & “do-it-yourselfer”. For over 30 years JGB has served the farm, rental, construction & municipality markets, by providing hose solutions to customers across the nation.

JGB stocks hose from manufacturers such as Gates, Kanaflex, Alfagomma, Kuriyama, Texcel, Continental ContiTech, Pacific Echo, Novaflex, Thermoid, and our own JGB Private Brand hose. We look forward to being your “hose and fittings connection”.

Large Diameter Hose (LDH) LAY FLAT Water Transfer by JGB Enterprises, Inc.

The LDH, or Large Diameter Hose market, is one of the fastest growing markets in our industry, specifically in the energy exploration sector. With the addition of the Techmaflex PES-500 Large Bore Hose Assembly Machine, we’ve expanded our production capabilities to meet the demand of these customers. JGB Enterprises is a one stop shop for all of your custom LDH Lay Flat hose assemblies.

J-FLEX, Hydraulic Hose Solutions by JGB Enterprises, Inc.

JGB Enterprises, Inc. carries hydraulic hoses in the sizes, lengths & vacuum ratings for any low to high-pressure apparatus. Most of our hoses come with a choice of covers depending on usage conditions. Along with our bulk hose, JGB custom assembles hydraulic hose in many variations. We also carry hydraulic fittings, adapters, and couplers to work with any type of machine.
Locations

Click for directions:

Williston Branch
520 Bean Dr.
Williston, ND 58801
(701) 774-2195

Buffalo Branch
2540 Walden Ave.
Suite 150
Cheektowaga, NY 14225
(716) 684-8224

JGB Corporate Headquarters
115 Metropolitan Dr.
Liverpool, NY 13088
(315) 451-2770

St. Louis Branch
242 Carondelet Blvd.
St. Louis, MO 63111
(314) 487-3144

Southeast Regional Hub
1407 Westinghouse Blvd.
Suite B
Charlotte, NC 28273
(704) 588-9920

Houston Branch
619 E Sam Houston Pkwy.
Suite 200
Pasadena, TX 77503
(281) 903-7777

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