INDUSTRIAL & SPECIALTY HOSE PRODUCTS

Eagle Brand
Master Catalog

INDUSTRIAL & SPECIALTY HOSE PRODUCTS

www.jgbhose.com
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Eagle Tank Truck® 150 PSI Hose

**Petro S&D**

- 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.

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*Full Vacuum *  2"; 2-1/2" meet SAE 100R4 specifications

**Petro S&D**

- 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.

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*Full Vacuum
Eagle Tank Truck® 300 PSI Hose

Petro S&D

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

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* Full Vacuum

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.

---

Eagle OILVAC® 150 PSI Hose

Petro S&D

- Designed for handling crude oil, frack solutions and slurries in oilfield vacuum tank service.
- Note: For applications up to 35% aromatics. Not for use with refined petroleum products

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* Full Vacuum

Tube: Black Nitrile – PVC blend, limited oil resistance, for oil field use.
Reinforcement: High tensile textile cords; highly flexible steel helix wire.
Cover: Black SBR – abrasion, ozone, limited oil resistance.
Temperature: -22°F to 176°F
Branding: EAGLE OILVAC® 150 PSI WP
Couplings: Contact JGB for proper fitting recommendation and coupling procedure.
Eagle ARCTIC® Oilfield 150 PSI Hose

**Petro S&D**

- 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.
- For use where extreme flexibility is needed in low temperature.

**Tube:** Black conductive, oil resistant Nitrile (NBR)

**Reinforcement:** High tensile textile cords and highly flexible steel helix.

**Cover:** Blue corrugated – abrasion, ozone and hydrocarbon resistant

**Temperature:** -65°F to 180°F

**Branding:** EAGLE ARCTIC® OILFIELD 150 PSI WP

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

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* Full Vacuum

Eagle O.S.& D.® 250 PSI Hose

**Petro Dock Hose**

- Designed for oil/water suction and delivery service.
- All Eagle OS&D Hose assemblies are hydrotested at 1.5 times working pressure.
- Tested following U.S.C.G. certification standards.

**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 180°F

**Packaging:** Custom skids

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

**Lengths:** 10’ and 20’ standard length

**Safety Factor:** 4:1

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

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* Assembled weight *Full Vacuum
Eagle FRAC® 400 PSI Hose

**Petro Discharge**

- Designed for fracking fluids, liquid mud and crude oil delivery in oilfield and gas exploration.

**Tube:** Nitrile (NBR)

**Reinforcement:** Multiple plies of high tensile cord

**Cover:** Black “ARC” Abrasion Resistant Cover – High performance

**Temperature:** -25°F to +180°F

**Branding:** EAGLE FRAC OILFIELD FRACTURING HOSE

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Eagle Flight® 300 PSI Hose

**Aircraft Refueling Hose**

- Designed for aircraft ground fueling

**Tube:** Black NBR

**Reinforcement:** High tensile textile braids

**Cover:** Black conductive CR - abrasion, ozone and hydrocarbon resistant

**Temperature:** -22°F to 150°F

**Branding:** Eagle Flight® Aircraft Fueling Hose EI 1529/2014 Type C, Grade 2, NFP A407, BSEM ISO 1825/2013, 2068 KPA (300 PSI) MAX WP (DATE CODE)

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* All hoses meet API/EI 1529/2014, 7th edition, Grade 2, type C.
Eagle Gravity Fuel Drop Hose

*Petro Transfer*

- 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

**Temperature:**
-10°F to 140°F

**Lengths:**
100 ft lengths

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Eagle Gravity Fuel Drop (Bio-fuel) Hose

*Petro Transfer*

- Designed for tank truck gravity drop fuel transfer.

**Tube:**
Polyurethane (TPU) tube

**Reinforcement:**
Polyester fabric reinforcement, rigid PVC helix and embedded grounding wire

**Temperature:**
-40°F to 140°F

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Eagle PU Vapor Recovery Hose

*Tank Truck Vapor Recovery*

- Designed for anti-static tank truck vapor recovery

**Application:**
Anti-static tank truck vapor recovery hose

**Tube:**
Polyurethane (TPU) tube

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

**Temperature:**
-40°F to 140°F

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<th>WP</th>
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<th>Weight</th>
<th>lbs/ft</th>
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<tr>
<td></td>
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<td>in</td>
<td>in</td>
<td>psi</td>
<td>ft</td>
<td>lbs</td>
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<td>6</td>
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<td>100</td>
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</table>
Eagle Hot Tar & Asphalt Hose

**Asphalt/tar Suction & Delivery Hose**

- Specially designed hose for conveying hot tar and asphalt.

**Tube:** Special synthetic high oil, abrasion and heat resistant elastomer compound, black, smooth

**Reinforcement:** High tensile textile cord, steel wire helix

**Cover:** NBR, black, anti-static, smooth with cloth impression, high oil, heat, abrasion, weather and ozone resistant

**Temperature:** -22°F to 356°F

<table>
<thead>
<tr>
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<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Min Bend Radius</th>
<th>Weight</th>
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<tr>
<td></td>
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<td>in</td>
<td>psi</td>
<td>psi</td>
<td>in</td>
<td>lbs/ft</td>
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Eagleflo Hardwall Gasoline / Curb Pump Hose

**Petro Transfer**

- Dispensing of all types of commercial gasolines, or other petroleum based products, from service station pumps.
- A heavy duty hardwall hose which does not collapse in reel use or behind the nozzle in heavy duty service.

**Tube:** Type C (Nitrile). Black. (RMA (Class A) High oil resistance.)

**Reinforcement:** Braided, high tensile steel wire.

**Cover:** Type J (CPE). Black.

**Temperature:** -40°F to 120°F (-40°C to +49°C) continuous service

**Lengths:** Up to 500 feet. (Custom lengths made to order.)

**Branding:** EAGLEFLO HARDWALL GASOLINE HOSE

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

<table>
<thead>
<tr>
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<th>ID</th>
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<th>WP</th>
<th>Min Bend Radius</th>
<th>Weight</th>
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<td>psi</td>
<td>in</td>
<td>lbs</td>
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AIR HOSE

Eagle Air® Wire Reinforced 600 PSI Hose

**Air**

- Designed as heavy duty air hose for use in mines, construction and industrial applications where maximum service is required.

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

**Reinforcement:** Steel wire reinforcement

**Cover:** Synthetic elastomer compound, 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>
<thead>
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<th>ID</th>
<th>OD</th>
<th>Plies</th>
<th>WP</th>
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<td>600</td>
<td>2400</td>
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<td>8.03</td>
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Eagle Air® Textile 300 PSI Hose

**Air**

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

**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

**Lengths:** 100 ft.

**Features**

- Robust, long lasting

<table>
<thead>
<tr>
<th>Part #</th>
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<th>Max WP</th>
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Eagle Air® Jackhammer 300 PSI Hose

Air

• Designed for connection to pneumatic tools.
• Eagle Air® comes in red or yellow
• Pre-assembled in 3/4" x 50" size
• Coupled with universal couplings

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<tr>
<th>Tube:</th>
<th>SBR + NR</th>
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<tbody>
<tr>
<td>Reinforcement:</td>
<td>Spiral Polyester Yarn</td>
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<tr>
<td>Cover:</td>
<td>EPDM</td>
</tr>
<tr>
<td>Temperature:</td>
<td>-22°F to 176°F</td>
</tr>
<tr>
<td>Branding:</td>
<td>3/4&quot; Eagle Air® JH 300 PSI MAX WP #Q##</td>
</tr>
<tr>
<td>Packaging:</td>
<td>50 ft. length each with PVC film</td>
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<tr>
<td>Couplings:</td>
<td>Universal fitting at both ends</td>
</tr>
<tr>
<td>Color:</td>
<td>Red, Yellow</td>
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<tr>
<td>Oil Resistance:</td>
<td>Limited</td>
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</table>

<table>
<thead>
<tr>
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<th>OD</th>
<th>WP</th>
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<th>Standard Length</th>
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<td>29.5</td>
<td>300</td>
<td>900</td>
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<td>001-0123-0050I</td>
<td>Yellow</td>
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<td>29.5</td>
<td>29.5</td>
<td>300</td>
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Eagle Shop Air 300 PSI Hose

Air

• Air compressor hose.

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<tr>
<th>Tube:</th>
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</thead>
<tbody>
<tr>
<td>Reinforcement:</td>
<td>2 Spiral Polyester Yarn</td>
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<td>Cover:</td>
<td>EPDM</td>
</tr>
<tr>
<td>Temperature:</td>
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<tr>
<td>Branding:</td>
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<tr>
<td>Packaging:</td>
<td>50 ft. length each with shrink film</td>
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<tr>
<td>Couplings:</td>
<td>1/4 NPT x 18 fitting at both ends</td>
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<tr>
<td>Color:</td>
<td>Red</td>
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<td>Oil Resistance:</td>
<td>Limited</td>
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</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
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<th>Standard Length</th>
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HYDRAULIC HOSE

J-FLEX® 1 1SN/SAE 100R1AT Hose

Hydraulic

- Designed for low-medium pressure hydraulic systems in industry and agriculture.

Tube: Synthetic rubber, resistant against hydraulic fluids
Reinforcement: One braid of high tensile steel wire
Cover: Abrasion and ozone resistant synthetic rubber. Note: various covers available
Temperature: -40°F to 212°F (max 248°F intermittent)
Branding: J-FLEX® 1 SAE 100RAT / 1SN EN 853 1525 PSI

<table>
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<th>Bend Radius</th>
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<tr>
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<td>psi</td>
<td>psi</td>
<td>in</td>
<td>lbs/ft</td>
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<td>3625</td>
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<td>9280</td>
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* Includes MSHA cover

J-FLEX® 2M 2SN/SAE 100R2AT Hose

Hydraulic

- Designed for medium-high pressure hydraulic systems in industry and agriculture.

Tube: Synthetic rubber, resistant against hydraulic fluids
Reinforcement: Two braids of high tensile steel wire
MSHA Approved Cover: Abrasion and ozone resistant synthetic rubber. Note: various covers available. Blue cover available
Temperature: -40°F to 212°F (max 248°F intermittent)
Branding: J-FLEX® 2M SAE 100RAT / 2SN EN 853 2395 PSI

<table>
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<tr>
<td></td>
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<td>lbs/ft</td>
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* Double wire braid
J-FLEX® 17 SAE 100R17 Hose

*Hydraulic*

- Designed for medium pressure hydraulic systems in industry and agriculture.

**Tube:** Synthetic rubber, resistant against hydraulic fluids

**Reinforcement:** One braid DN 06 – DN 12 and two braids DN 16 – DN 25 of high tensile steel wire

**Cover:** Abrasion and ozone resistant synthetic rubber. Note: various covers available.

**Temperature:** -40°F to 212°F (max 248°F intermittent)

**Branding:** J-FLEX® 17 SAE 100R17

<table>
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J-FLEX® 16 SAE 100R16 Hose

*Hydraulic*

- Designed for medium-high pressure hydraulic systems using hydraulic oils, minerals, and vegetable lubricants.

**Tube:** Synthetic rubber, resistant against hydraulic fluids.

**Reinforcement:** Two braids of high tensile steel wire.

**Cover:** Abrasion resistant synthetic rubber.

**Temperature:** -40°F to 212°F (max 248°F intermittent)

**Branding:** J-FLEX® 16 SAE 100R16

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<th>Part #</th>
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<td>in</td>
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<td>psi</td>
<td>in</td>
<td>lbs/ft</td>
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**J-FLEX® 12M SAE 100R12 Hose**

*Hydraulic*

- Designed for hydraulic systems with high peak pressures and arduous operating conditions.

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<th>WP</th>
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</tbody>
</table>

**J-FLEX® 13M SAE 100R13 Hose**

*High Peak Pressure Hydraulic*

- Designed for hydraulic systems with high peak pressures and arduous operating conditions (pulsing, flexing)

<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>
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<tbody>
<tr>
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<td>1.13</td>
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</table>

* For 1-1/4” refer to 15M SAE 100R15 182-5020-6000IM

Call 315-451-2770 or visit www.jgbhose.com for more information.
J-FLEX® 15M SAE 100R15 Hose

High Peak Pressure Hydraulic

- Designed for hydraulic systems with high peak pressures and arduous operating conditions (pulsing, flexing).

**Tube:** Nitrile; Mineral, vegetable, BIO OIL, and glycol based hydraulic oil resistant

**Reinforcement:** 4 or 6 high tensile steel spiral

**MSHA Fire Resistant Cover:** Abrasion, ozone, & hydrocarbon resistant special synthetic rubber

**Temperature:** -40°F to 250°F

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
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<tr>
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<td>5000</td>
<td>20000</td>
<td>21.7</td>
<td>4.20</td>
</tr>
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J-FLEX® 4SH XFLEX Hydraulic Hose

Hydraulic

- Designed specially for use in hydraulic systems with high peak pressures and arduous operating conditions needing extremely high flexibility. Due to its extreme flexibility, XFLEX is perfect for use in extraordinarily tight positions.

**Tube:** Oil resistant synthetic rubber.

**Reinforcement:** 4 high tensile steel spirals

**Cover:** Black MSHA, made of synthetic rubber, resistant to oil and weather conditions

**Temperature:** -40°F to 248°F (257°F intermittent)

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

**Branding:** J-FLEX® DIN EN 856 4SH XFLEX 6150 PSI/424 BAR MAX WP MSHA

<table>
<thead>
<tr>
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<th>ID</th>
<th>OD</th>
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<th>WP</th>
<th>Burst Pressure</th>
<th>Weight</th>
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**J-FLEX® HOT OIL 2SC Hose**

*Hydraulic*

- Designed for use as a high temperature oil hose.

- **Tube:** Black, oil resistant synthetic rubber.
- **Reinforcement:** Two high tensile steel braids.
- **Cover:** Black MSHA - abrasion, oil and weather resistant synthetic rubber. (Blue MSHA cover available on request)
- **Temperature:** -40°F to 275°F (+300°F intermittent)
- **Branding:** 1-1/2" -24 J-FLEX® HOT OIL 2350 PSI WP
- **Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

<table>
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<tr>
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<th>OD</th>
<th>WP</th>
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<th>Bend Radius</th>
<th>Weight</th>
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<tr>
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<td>7200</td>
<td>16.9</td>
<td>1.6</td>
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**J-FLEX® 10K Jack Hose**

*Hydraulic*

- Designed for hydraulic jack applications.

- **Tube:** Oil resistant synthetic rubber
- **Reinforcement:** Two braids of high tensile steel wire.
- **Cover:** MSHA, abrasion and weather resistant synthetic rubber
- **Temperature:** -40°F to 212°F depending on the medium
- **Branding:** J-FLEX® 10K JACK HOSE 10,000PSI WP / 20,000PSI BP MSHA
- **Couplings:** Contact JGB for proper fitting recommendation and coupling procedure.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
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<td>172-8004-1000I</td>
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<td>0.59</td>
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<td>12,000</td>
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<td>172-8006-1000I</td>
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<td>20,000</td>
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J-FLEX® 7 SAE 100R7 Hose

Hydraulic

- Designed for medium pressure hydraulic use.
- Tube: Thermoplastic polyester
- Reinforcement: Polyester fiber
- Cover: Anti-abrasion polyurethane stabilized to UV rays and resistant to micro-organisms.
- Temperature: Utilization -40°F / 212°F / Max Working of air, water, and fluids containing water 158°F
- Branding: J-FLEX® 7 SAE 100R7 2750 PSI
- Vacuum Rating: -13.5 psi; 27.5 inch Hg

These hoses meet or exceed standards SAE J517 sec. SAE 100R7 - EN 855 - ISO 3949

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
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<th>Bend Radius</th>
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<tbody>
<tr>
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<td>2750</td>
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<tr>
<td>177-5008-2025I*</td>
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* Stock Option

J-FLEX® 4 SAE 100R4 Hose

Hydraulic

- Designed for use in hydraulic systems to return the oil to tank for reuse.
- Resistant to aromatic content < 40%
- Tube: Blend of synthetic elastomers for ozone, oil and abrasion resistant, black, smooth
- Reinforcement: High tensile textile cord, steel wire helix embedded
- Cover: Blend of synthetic elastomer compound, black, anti-static, smooth with cloth impression, high oil, heat, abrasion, weather and ozone resistant
- Temperature: -40°F to 212°F
- Branding: J-FLEX® 4 SAE 100R4
- Standard Notice: SAE 100R4

<table>
<thead>
<tr>
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<th>ID</th>
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<th>Bend Radius</th>
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<tr>
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<td>1000</td>
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<td>800</td>
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<td>600</td>
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Eaglechem® UHMW Chemical 240 PSI Hose

*Chemical S&D*

- Designed for almost every common industrial chemical used in chemical transfer applications today.
- Non-staining UHMW tube
- Not for steam service
- Can be open end steam cleaned

**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 212°F (250°F Intermittent)

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

**Lengths:** 100ft.

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
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<th>WP</th>
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<th>MBR</th>
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<td>in</td>
<td>in</td>
<td></td>
<td>psi</td>
<td>HG</td>
<td>in</td>
<td>lbs/ft</td>
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<tr>
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<td>240</td>
<td>29</td>
<td>3.5</td>
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</tr>
<tr>
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<td>2</td>
<td>240</td>
<td>29</td>
<td>4</td>
<td>0.63</td>
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<td>006-0246-0240I</td>
<td>1-1/2</td>
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<td>29</td>
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<td>240</td>
<td>29</td>
<td>24</td>
<td>2.83</td>
</tr>
</tbody>
</table>
THUNDERBLAST® Sandblast Hose

**Abrasives**
- Designed for use in all abrasive blast applications, suitable for all commonly used blasting media

**Tube:**
Black Static Conductive Natural Rubber

**4ply:** ½” - ¾” ID have ¼” tube thickness, 1” - 2” ID have 5/16” tube thickness

**2ply:** 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’ & 100’ Standard (Call JGB for availability of 200 ft. bulk lengths)

**Standards:**
- EN ISO 3861
- Abrasion loss Value According to DIN 53516 ≤ 50 mm³

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Plies</th>
<th>WP</th>
<th>Weight</th>
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<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td></td>
<td>psi</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>011-2082-0150</td>
<td>1/2</td>
<td>1-1/16 /1-3/16</td>
<td>2/4</td>
<td>175</td>
<td>.36/.38</td>
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<tr>
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<td>1-5/16 /1-1/2</td>
<td>2/4</td>
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<td>2-7/8</td>
<td>4</td>
<td>150</td>
<td>1.66</td>
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</tbody>
</table>

Eagle Flexcrete® Mortar TPU Hose

**Concrete Boom Hose**
- Designed as a lay-flat boom tip hose ideal for ICF forms, columns and tall walls where space is at a minimum.

**Tube:**
Extruded thermoplastic polyether based polyurethane (TPU)

**Reinforcement:**
Circular woven Aramid Fiber, “extra-strong yarn”

**Cover:**
Extruded TPU Yellow or Orange cover

**Branding:**
EAGLE FLEXCRETE® MORTAR TPU 1250 PSI WP

**Standard Coupling:**
1-Piece High Pressure Rapid Crimp, Heavy Duty

**Features:**
- Meets/Exceeds ASME Requirements
- 1/3 the weight
- Operator Friendly
- More consistent flow at lower placement rates
- Ease of pour in tight areas
- Bright color for visibility and safety
- Superior resistance to weather and aging
- Cleans up easily

<table>
<thead>
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<th>Part #</th>
<th>ID</th>
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<td>in</td>
<td>psi</td>
<td>psi</td>
<td>x1000</td>
<td>lbs</td>
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<td></td>
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<td>2500</td>
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* Call for availability
Eaglecrete® 1233 Hose

*Designed as a 1233 psi cement & concrete material handling hose*

**Tube:** Black Conductive Natural Rubber  
**Cover:** NR/SBR Blend  
**Reinforcement:** Spiral Textile  
**Couplings:** Heavy Duty, Vic, NPT and Metric  
**Temperature:** -40°F to 180°F  
**Branding:** EAGLECRETE® 1233 PSI WP

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Plies</th>
<th>WP</th>
<th>Burst</th>
<th>Weight</th>
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<tbody>
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Eaglecrete® 1300 Hose

*Designed as a 1300 psi cement & concrete material handling hose*

**Tube:** Black Conductive Natural Rubber  
**Cover:** NR/SBR Blend  
**Reinforcement:** Spiral Wire  
**Couplings:** Heavy Duty, Vic, NPT and Metric  
**Temperature:** -40°F to 180°F  
**Branding:** EAGLECRETE® 1300 PSI WP

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Plies</th>
<th>WP</th>
<th>Burst</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Part #</td>
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<td>OD</td>
<td>Plies</td>
<td>WP</td>
<td>Burst</td>
<td>Weight</td>
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Eagle Bulk® Material Hose

**Bulk Transfer**

- Designed for pneumatic transport of abrasive materials such as cement and sand, and other dry abrasive bulk materials
- 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" 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

**Lengths:**
- 100 ft.

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

<table>
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---

Eagle Hot Air® Blower Hose

**Blower Hose**

- Designed for conveying of hot air from 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
Eagle UREMAT® Hose

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

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

**Cover:** Black PVC convoluted cover

**Temperature:** -40°F to 150°F

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* HD Version, 40% thicker tube (Blue), limited availability

---

Eagle VAC Hose

**Special Design Abrasive Suction Hose**

*Special hose for high performance suction equipment for transport of dry or wet media such as mud, sand or blasting media.*

**Tube:** NR White, smooth, abrasion resistant, 5/16”Tube

**Reinforcement:** High tensile textile cord, steel helix

**Cover:** NR/SBR green, corrugated with cloth impression, abrasion, weather and ozone resistant

**Temperature:** -22°F to 185°F

**Packaging:** Coll with PE wrapping

**Lengths:** 50 ft.

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<td>Hg</td>
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<td>9.07</td>
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Call 315-451-2770 or visit www.jgbhose.com for more information.
BoarVac Suction Hose

Heavy-Duty Abrasive Resistant Suction Hose
• Designed as a 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 |
| Color: Black |

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Eagle Mine® Spray Hose

Mining

• Designed for heavy-duty service requirements of underground mine spray applications, excellent choice for high pressure air applications in construction and quarries

Features:
• Robust
• MSHA approved flame, oil and abrasion resistant cover
• Weather and ozone resistant

| Tube: Blend of synthetic elastomers, smooth, oil resistant, black |
| Reinforcement: Single high tensile steel braid |
| Cover: Yellow, blend of synthetic elastomers compound, smooth with cloth impression |
| Temperature: Suitable range -22°F to 212°F |
| Branding: EAGLE MINE® SPRAY 1000 PSI MSHA |
| Standard Notice: MSHA approved cover |

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<td>in</td>
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<td>psi</td>
<td>in</td>
<td>lbs/ft</td>
<td>ft</td>
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</table>
MATERIAL HANDLING HOSE

Eagle Gunite 150 PSI Hose

Gunite Application

- Ultra wear resistant and thick tube, designed for high kink resistance and perfect flow, suitable for air pumping dry sand or cement mixtures to the water mixing nozzle in gunite applications.

Tube: ¼” Pure Gum Rubber Tan
Cover: Non marking Pure Gum Blend
Reinforcement: Multiple plies of synthetic fabric with an imbedded static wire
Branding: EAGLE GUNITE 150 PSI WP
Temperature: -22°F to 185°F

<table>
<thead>
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<td>lbs/ft</td>
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Eagle Honey Bee Hose

Polyethylene Liquid Suction & Wastewater Hose

- 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.)
Length: 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.

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</table>

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.
Eagle Pump® HD 150 PSI Max Hose

Water S&D

- Designed 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

**Branding:** EAGLE PUMP® HD 150 PSI MAX

<table>
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<th>Part #</th>
<th>ID</th>
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Eagle Water Discharge 150 PSI Hose

Water Discharge

- Designed for water discharge applications in construction, industry and agriculture.

**Tube:** Synthetic rubber

**Reinforcement:** 4 Ply, High tensile synthetic textile

**Cover:** Weather and ozone resistant synthetic rubber

**Temperature:** -13°F to 158°F

**Branding:** EAGLE WATER DISCHARGE 150 PSI WP

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

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<td>450</td>
<td>7.17</td>
<td>20</td>
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</table>

Call 315-451-2770 or visit www.jgbhose.com for more information.
Eagle Nitrile® 150 PSI Layflat Hose

Water Discharge

- Designed as a dependable & durable, yet lightweight and flexible solution for high volume, high pressure water transfer applications.
- The nitrile layflat allows for quick layout and retrieval and is typically used in irrigation, sewage, and general pumping duties.
- Suitable for use and recommended for INDUSTRIAL and AGRICULTURE applications in:
  - Dewatering operations
  - Irrigation
  - Sewage and general pumping applications

This hose is constructed using an “Extruded Thru the Weave” (ETW) manufacturing process.
* See Appendix A for Extruded-Through-the-Weave-Construction.

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<td>psi</td>
<td>psi</td>
<td>lbs</td>
<td>ft</td>
<td>lbs/ft</td>
</tr>
<tr>
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<td>.08</td>
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<td>51600</td>
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</tr>
</tbody>
</table>

* Heavy-Duty.
Eagle Contractors Water Hose

**Water Washdown**

- 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

**Construction:** Flexible PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated O.D.

**Temperature:** -13°F up to 176°F

**Features:** Lightweight and flexible  
- 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>Length</th>
<th>WP</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>ft</td>
<td>psi</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>001-0102-0150I</td>
<td>5/8</td>
<td>50</td>
<td>200</td>
<td>15</td>
</tr>
<tr>
<td>001-0122-0150I</td>
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<td>50</td>
<td>200</td>
<td>20</td>
</tr>
</tbody>
</table>

* Custom lengths available

---

Eagle Orange/Clear Suction and Discharge Hose

**Water S&D**

- Designed for use in fish suction and rental/construction pumping.

**Construction:** Flexible PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated O.D.

**Temperature:** -13°F to 140°F

**Features:** Lightweight and flexible  
- 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>Working Pressure</th>
<th>Vacuum Rating</th>
<th>Min Bend Radius</th>
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<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>lbs/ft</td>
<td>ft</td>
<td>psi</td>
<td>in/HG</td>
<td>in</td>
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<td>10</td>
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<td>007-1280-0060I</td>
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<td>9.34</td>
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<tr>
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<td>25</td>
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<tr>
<td>015-0192-0020I</td>
<td>12</td>
<td>13.66</td>
<td>10.30</td>
<td>20</td>
<td>30</td>
<td>25</td>
<td>45</td>
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</tbody>
</table>
Eagle EPDM Suction Hose

**Water S&D**

Designed for:
- Liquid waste suction, septic handling
- Cesspool cleaning, slurries/sludge handling
- Chemicals, dry material, grain transfer
- Mining and marine use

**Tube:** EPDM blend rubber  
**Reinforcement:** Plastic helix  
**Temperature:** -40°F to 140°F

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

<table>
<thead>
<tr>
<th>Part # ID</th>
<th>OD</th>
<th>WP</th>
<th>Vacuum Rating</th>
<th>Min. Bend Radius</th>
<th>Weight</th>
<th>Std. Length</th>
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<tbody>
<tr>
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<td>29</td>
<td>1.9</td>
<td>0.23</td>
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<td>0.34</td>
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<td>0.41</td>
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<td>6.81</td>
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<td>28</td>
<td>20</td>
<td>3.23</td>
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</tbody>
</table>

Eagle DRAFT FLEX™ Hard Suction Hose

**Drafting**

- Designed for suction side drafting, dry hydrant connections, trash pumps in construction and mining, solid material transfer drafting from lakes, ponds, rivers, pools, wells, etc. during structural firefighting operations.

**Tube:** Cold Weather PVC  
**Reinforcement:** Rigid PVC Helix  
**Temperature:** -22°F to 140°F  
**Couplings:** NH LH Female x NH RL Male

**Features**
- Corrugated exterior for superior flexibility
- Smooth bore for unrestricted flow
- Lightweight and flexible in cold weather
- Clear sidewall permits visual check of material flow
- Weatherproof - highly resistant to ozone, salt water, and ultraviolet light
- External helix provides for easy drag

<table>
<thead>
<tr>
<th>ID</th>
<th>OD</th>
<th>Pitch</th>
<th>Min Bend Radius (72°F)</th>
<th>WP (72°F)</th>
<th>Vacuum Rating</th>
<th>Weight</th>
<th>Standard Length</th>
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<tbody>
<tr>
<td>3</td>
<td>3.50</td>
<td>0.59</td>
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<td>25</td>
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<td>1.00</td>
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<td>4</td>
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<td>0.65</td>
<td>6.5</td>
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<td>28.0</td>
<td>1.52</td>
<td>100</td>
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<tr>
<td>5</td>
<td>5.73</td>
<td>0.85</td>
<td>9.5</td>
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<td>6</td>
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<td>10.6</td>
<td>20</td>
<td>28.0</td>
<td>3.10</td>
<td>50, 100</td>
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</table>

**Note:** Over flexing or repeated flexing of hose within 18° of fitting is a common cause of hose failure.
Eagle Composite® Hose  (Approved by DNV GL / *Complies with USCG 33CFR 154.500)

**Water S&D**

- Designed for loading and unloading barges, ocean tanker & bunkering services, other doc side operations, handling suction and discharge 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  
**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  
**Colors:** Blue Standard, any color upon request  
**Branding:** EAGLE COMPOSITE® OIL SERVICE S&D CARGO 200PSI MAX WP #Q## USCG 33CFR 154.500

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>Max WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
<th>Max Length</th>
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<tr>
<td>006-0642-0010I/0020I</td>
<td>4</td>
<td>250</td>
<td>1000</td>
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<td>250</td>
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<td>23</td>
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<td>65</td>
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<td>006-1280-0010I/0020I</td>
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<td>200</td>
<td>850</td>
<td>32</td>
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<td>65</td>
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<tr>
<td>006-1600-0010I/0020I</td>
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<td>200</td>
<td>850</td>
<td>40</td>
<td>16.9</td>
<td>40</td>
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<tr>
<td>006-1920-0010I / 0020I</td>
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<td>200</td>
<td>850</td>
<td>47</td>
<td>19.8</td>
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</table>

**HANDLING & MAINTENANCE**

The following recommendations are the minimum to which the user must adhere.

**Eagle Slings 5000lb capacity**  
Available 6” through 12” ID

*Assemblies are tested at 1.5 times working pressure.*
Eagle Green/Clear PVC Discharge Hose

Water Suction & Discharge
- Agricultural liquid fertilizer
- Air seeder lines
- Drain lines
- Irrigation lines
- Pumps, rental and construction dewatering
- Mining applications
- Pumps, trash
- Water suction – standard duty
- Rock dusting

Tube: PVC tube with rigid PVC helix

Temperature: -10°F to +140°F

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

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>Min. Bend Radius</th>
<th>WP</th>
<th>Vacuum Rating</th>
<th>Burst Pressure (psi)</th>
<th>Weight</th>
<th>Standard Length</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>in</td>
<td>psi</td>
<td>in/hg</td>
<td>at 50°F 96°F 122°F</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>lbs</td>
<td>ft</td>
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<td>007-0169-0085I</td>
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<td>85</td>
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<td>007-0209-0085I</td>
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<td>007-0409-0050I</td>
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<td>29</td>
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<td>171</td>
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<td>171</td>
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<td>28</td>
<td>156</td>
<td>114</td>
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<td>007-1289-0040I</td>
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<td>8.83</td>
<td>30</td>
<td>30</td>
<td>28</td>
<td>156</td>
<td>114</td>
</tr>
</tbody>
</table>

Eagle Mill® Hose

Water Discharge
- Designed for medium to heavy-duty discharge service.

Tube: SBR

Cover: 100% Polyester

Temperature: -25°F to 185°F

Packaging: 50 ft. and 100 ft. stock lengths

Colors: white

Couplings: Stock hose assemblies with banded C/E
Stock hose assemblies with banded water shanks

Branding: EAGLE MILL® 250 SJ
EAGLE MILL® 600 DJ

<table>
<thead>
<tr>
<th>Single Jacket</th>
<th>Double Jacket</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td></td>
<td>in</td>
</tr>
<tr>
<td>005-0165-0250I</td>
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</tr>
<tr>
<td>005-0245-0250I</td>
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<tr>
<td>005-0325-0250I</td>
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<td>005-0400-0250I</td>
<td>2.5</td>
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<td>005-0485-0250I</td>
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<tr>
<td>005-0645-0250I</td>
<td>4</td>
</tr>
</tbody>
</table>

Call 315-451-2770 or visit www.jgbhose.com for more information.
Eagle Red PVC HD Discharge Hose

**Water Discharge**

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

**Tube / Cover:** Premium Red PVC

**Reinforcement:** Two spiral plies and longitudinal silk cords

**Temperature:** -10°F To 150°F

**Branding:** EAGLE WATER DISCHARGE HD

**Packaging:** Cut and coupled to length

**Couplings:** Standard short shank aluminum, malleable or brass couplings, Steel Bauer

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>Approx Wall Thickness</th>
<th>WP</th>
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<tbody>
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**Standard Size**

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<th>C x E</th>
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<tr>
<td>1-1/2&quot;x50'</td>
<td>A008-0241-1650 A008-0241-3550</td>
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<td>2&quot;x50'</td>
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<td>3&quot;x50'</td>
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<td>6&quot;x50'</td>
<td>A008-0961-1650 A008-0961-3550</td>
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</table>

Eagle FLO® Blue PVC Discharge Hose

**Water Discharge**

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

**Tube / Cover:** Blue PVC

**Reinforcement:** Polyester Yarn

**Temperature:** -4°F to 150°F

**Branding:** EAGLE FLO® WATER DISCHARGE

**Lengths:** Cut and coupled to length.

**Couplings:** Standard short shank aluminum, malleable or brass couplings

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>Thickness</th>
<th>WP</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>008-0326-0080I</td>
<td>2</td>
<td>.060</td>
<td>80</td>
<td>0.23</td>
</tr>
<tr>
<td>008-0486-0070I</td>
<td>3</td>
<td>.063</td>
<td>70</td>
<td>0.40</td>
</tr>
<tr>
<td>008-0646-0070I</td>
<td>4</td>
<td>.063</td>
<td>70</td>
<td>0.52</td>
</tr>
<tr>
<td>008-0966-0050I</td>
<td>6</td>
<td>.071</td>
<td>50</td>
<td>0.85</td>
</tr>
</tbody>
</table>

Eagle FLO® Grey Water Discharge Hose

**Water Discharge**

- Designed for medium-duty discharge service.

**Tube / Cover:** Black / Gray premium PVC

**Reinforcement:** 2 ply synthetic fabric

**Temperature:** -10°F to 150°F

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>WP</th>
<th>Wall Thickness</th>
<th>MIQ</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>008-0327-0120I</td>
<td>2</td>
<td>120</td>
<td>1.5</td>
<td>15000</td>
<td>0.24</td>
</tr>
<tr>
<td>008-0487-0110I</td>
<td>3</td>
<td>110</td>
<td>1.6</td>
<td>15000</td>
<td>0.40</td>
</tr>
<tr>
<td>008-0647-0110I</td>
<td>4</td>
<td>110</td>
<td>2.2</td>
<td>9000</td>
<td>0.68</td>
</tr>
</tbody>
</table>
Eagle Water Transfer PU HD Lay Flat Hose

**Water Discharge**
- Designed for construction sites, waste water industry, agriculture and mining, transport of abrasive materials, flexible pipeline even in extreme terrain, irrigation and sludge disposal, for heavy duty service under toughest conditions. Perfectly prepared for hydraulic fraction in shales and oil fields.

<table>
<thead>
<tr>
<th>Tube:</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement:</td>
<td>Polyester-Nylon textile</td>
</tr>
<tr>
<td>Cover:</td>
<td>PU, Ribbed cover or smooth cover</td>
</tr>
<tr>
<td>Temperature:</td>
<td>-58°F to 176°F</td>
</tr>
<tr>
<td>Branding:</td>
<td>EAGLE PU WATER TRANSFER</td>
</tr>
<tr>
<td>Packaging:</td>
<td>Rolled, packed on steel reel</td>
</tr>
<tr>
<td>Couplings:</td>
<td>On request</td>
</tr>
<tr>
<td>Colors:</td>
<td>Black standard, blue, red, or green upon request</td>
</tr>
<tr>
<td>Standard Lengths:</td>
<td>100 ft (30m), 200 ft (61m), 300 ft (91.5m), 330 ft (100m) 660 ft (200m)</td>
</tr>
<tr>
<td>Manufacturing Technology:</td>
<td>* Extruded-Through-the-Weave technology</td>
</tr>
</tbody>
</table>

*See Appendix A for Extruded-Through-the-Weave-Construction.*

---

Eagle Water Jetting Hose

**High Pressure Water Jetting**
- Stripping layers from hard surfaces, strip mining and washdown applications.

<table>
<thead>
<tr>
<th>Tube:</th>
<th>NBR/SBR, light oil resistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement:</td>
<td>2-1/2” - 4”: 6 ply, 6”: 8 ply High tensile textile cord</td>
</tr>
<tr>
<td>Cover:</td>
<td>NR, Weather, Ozone, and Abrasion Resistance</td>
</tr>
<tr>
<td>Temperature:</td>
<td>-22°F to 185°F</td>
</tr>
<tr>
<td>Branding:</td>
<td>EAGLE WATER JETTING</td>
</tr>
<tr>
<td>Couplings:</td>
<td>Contact JGB for proper fitting recommendation and coupling procedure.</td>
</tr>
<tr>
<td>Colors:</td>
<td>Black standard, blue, red, or green upon request</td>
</tr>
</tbody>
</table>

---

Call [315-451-2770](tel:315-451-2770) or visit [www.jgbhose.com](http://www.jgbhose.com) for more information.
Eaglewash I 4000 PSI

Pressure Wash

- Designed 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:** 500ft, 2 piece reels or cut-to-length coils

**Branding:** 3/8” EAGLEWASH 4001 PRESSURE WASHER HOSE 4000 PSI / 310 DEG F #Q##

**Couplings:** Hydraulic 100R1 type, crimped to manufacturer specifications

**Colors:** Blue, Black, Gray

### Features:

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Max Operating Pressure</th>
<th>Min Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>168-6006-3001I</td>
<td>168-0066-4000I</td>
<td>168-0067-4000I</td>
<td>3/8</td>
<td>.59</td>
<td>4061</td>
<td>12,183</td>
</tr>
</tbody>
</table>

Eagleflex II 6000 PSI

Pressure Wash

- 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:** 450ft, 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 manufacturer specifications

**Colors:** Blue, Black, Gray

### 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>WP</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>172-1006-4002I</td>
<td>172-1006-5801I</td>
<td>172-0067-5400I</td>
<td>3/8</td>
<td>0.4</td>
<td>6091</td>
<td>18,275</td>
<td>2.6</td>
</tr>
</tbody>
</table>
Eaglewash Carpet Cleaning Hose

**Carpet Cleaning**

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

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

**Features:**

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>ID</th>
<th>OD</th>
<th>Max Oper. Pressure</th>
<th>Burst</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>168-0042-3000I</td>
<td>1/4</td>
<td>0.519</td>
<td>3625</td>
<td>12,009</td>
<td>1.38</td>
<td>.12</td>
</tr>
</tbody>
</table>

THUNDERBOLT®

**Pressure Wash**

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

<table>
<thead>
<tr>
<th>Tube:</th>
<th>Black, heat resistant synthetic rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement:</td>
<td>One wire braid</td>
</tr>
<tr>
<td>Cover:</td>
<td>Black heat and oil resistant synthetic rubber RMA class B (pin pricked)</td>
</tr>
<tr>
<td>Temperature:</td>
<td>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.</td>
</tr>
<tr>
<td>Branding:</td>
<td>3/8” THUNDERBOLT® COMBO 3000 PSI / 250°F - 350 PSI / 325°F</td>
</tr>
<tr>
<td>Couplings:</td>
<td>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.</td>
</tr>
</tbody>
</table>

<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></td>
<td>in</td>
<td>in</td>
<td>in</td>
<td>psi</td>
<td>psi@250°F psi@325°F</td>
<td>lbs/ft</td>
</tr>
<tr>
<td>171-9006-3000</td>
<td>3/8</td>
<td>.690</td>
<td>2.5</td>
<td>12,000</td>
<td>3000 350</td>
<td>.21</td>
</tr>
</tbody>
</table>

Call 315-451-2770 or visit www.jgbhose.com for more information.
Avalanche® 2000 II Snowmaking Hose

**Snowmaking Hose**

- Designed for snowmaking, featuring a high performance construction.

**Tube:** Black, fused thermoplastic which produces an extremely smooth waterway, significantly reducing friction loss compared to conventional liners.

**Reinforcement:** Woven filament polyester

**Cover:** Woven filament polyester

**Temperature:** As low as -55°F (Working)

**Branding:** AVALANCHE® 2000 II

**Lengths:** 50’ and 100’ standard lengths; (* Any Length Available Upon Request)

**Couplings:** Internally expanded aluminum male NPT threaded couplings or high-performance, quick disconnect couplings.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom ID</th>
<th>Test Pressure</th>
<th>Burst Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>psi</td>
<td>Mpa</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>023-0249-0802</td>
<td>1 1/2</td>
<td>38.1</td>
<td>800</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5.52</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>13.79</td>
</tr>
<tr>
<td>023-0329-0802</td>
<td>2</td>
<td>50.8</td>
<td>800</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5.52</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>13.79</td>
</tr>
<tr>
<td>023-0409-0802</td>
<td>2 1/2</td>
<td>63.5</td>
<td>800</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5.52</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10.34</td>
</tr>
</tbody>
</table>

**EZ Kote® Paint Spray Hose**

**Airless Paint Spray Hose**

- Designed for conveying paints, fuels, oils, and most other solvents.
- EZ Kote® is recommended for applications where an electrostatic charge must be eliminated.

**Tube:** Extruded, seamless nylon.

**Reinforcement:** High tensile synthetic.

**Cover:** Abrasion-resistant polyurethane.

**Temperature:** 0° to 200°F

**Packaging:** Cut to length and coupled.

**Branding:** E-Z Kote® Wireless Antistatic Hose 1/4”ID Max W.P. 3300psi 228bar

**Couplings:** 1/4” or 3/8” female swivels; male NPT with spring guards.

**Lengths:** Made to order lengths available in all sizes.

1/4” 25 ft, 50 ft assemblies.
3/8” 50 ft assemblies.
3/16” Whip hose in 3 ft, 5 ft, or 6 ft lengths.

**Features:**

- Special construction keeps hose lightweight and flexible.
- A special static drain element dissipates static charge.
- Date coding on the coupling provides traceability.
- A high pressure conductive hose.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Nom ID</th>
<th>Nom OD</th>
<th>Bend Radius</th>
<th>Min Burst</th>
<th>WP</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>in</td>
<td>psi</td>
<td>psi</td>
<td>lbs/100 ft</td>
</tr>
<tr>
<td>016-0032-350P</td>
<td>3/16</td>
<td>.432</td>
<td>1.8</td>
<td>14,000</td>
<td>3500</td>
<td>4.8</td>
</tr>
<tr>
<td>016-0046-330P</td>
<td>1/4</td>
<td>.491</td>
<td>2.5</td>
<td>13,200</td>
<td>3300</td>
<td>5.0</td>
</tr>
<tr>
<td>016-0060-300P</td>
<td>3/8</td>
<td>.660</td>
<td>3.5</td>
<td>13,200</td>
<td>3300</td>
<td>8.7</td>
</tr>
</tbody>
</table>
Dunlop Waterblast WB10, WB15, WB20

Waterblast

• Designed for very high pressure waterblasting.

Tube: NBR (Nitrile rubber)
Reinforcement: Four Spiral Layers
Cover: NBR (Nitrile rubber)
Temperature: -40°F to 160°F

<table>
<thead>
<tr>
<th>Part #</th>
<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</th>
</tr>
</thead>
<tbody>
<tr>
<td>168-0082-10000D</td>
<td>WB10</td>
<td>1/2</td>
<td>0.969</td>
<td>0.843</td>
<td>20000</td>
<td>50000</td>
<td>4178</td>
<td>8.00</td>
</tr>
<tr>
<td>168-0082-12</td>
<td>WB10</td>
<td>3/4</td>
<td>1.27</td>
<td>1.000</td>
<td>16000</td>
<td>40000</td>
<td>3283</td>
<td>8.00</td>
</tr>
<tr>
<td>168-794-08</td>
<td>WB10</td>
<td>1</td>
<td>1.528</td>
<td>1.252</td>
<td>14500</td>
<td>36250</td>
<td>6373</td>
<td>11.00</td>
</tr>
</tbody>
</table>

• The WB20 Series hose is designed for ultra-high pressure waterblasting.

Tube: NBR (Nitrile rubber)
Reinforcement: Six Spiral Layers
Cover: NBR (Nitrile rubber)
Temperature: -40°F to 160°F

<table>
<thead>
<tr>
<th>Part #</th>
<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</th>
</tr>
</thead>
<tbody>
<tr>
<td>168-0082-20000</td>
<td>WB20</td>
<td>1/2</td>
<td>1.161</td>
<td>1.160</td>
<td>20000</td>
<td>50000</td>
<td>8.00</td>
<td>1.17</td>
</tr>
</tbody>
</table>

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).

*** Disconnects and Hammer Unions also available
Bauer Pipe Galvanized

Zinc Plated Steel

- Designed for temporary suction in pressure applications. Commonly used for: clean water, storm drain, sewer by-pass, or transmission lines. Lightweight, easy install and repair.
  - Galvanized Discharge pipes, Bauer type A or B.
  - Sizes from 4" to 16" ID
  - Available in 3', 6', 10', or 20' foot lengths.
  - High temp applications up to 230° F.

HDPE Pipe

High Density Polyethylene

- Designed for temporary suction in pressure applications. Commonly used for: clean water, storm drain, sewer by-pass, or transmission lines. Lightweight, easy install and repair.
  - HDPE Discharge pipes, Bauer type A or B.
  - (SDR17) Durable High Density Polyethylene
  - Sizes from 4" to 16" ID
  - Available in 10', or 20' foot lengths, ask about ****Poly Tails!
  - Temp Rating 140° F.

Poly Tails

Poly HDPE Tails Type A

Poly HDPE Tails Type B

Bauer Type Couplings

Hot Dipped, Galvanized

Bauer Couplings are fast and easy to install. They are flexible with up to 30° articulation on the coupling joint making them ideal for difficult site conditions. Extremely durable, Eagle Bauer Couplings are produced from high-grade, high-tensile steel with abrasion resistant hot-dip galvanization according to DIN EN ISO 1461.

- Double pin locking lever for smooth closing action
- Equipped with a safety pin to prevent accidental openings.
- Primary applications are for irrigation and suction lines.
- Not recommended for chemicals or any hazardous type materials where the possibility of leakage would result in health or environmental concerns.
- Factory pressure tested at 24 bar.
- Made in Italy.

Size Range: 4 to 12in.
HOSE FITTINGS

Cam & Groove & Accessories

**Aluminum – Stainless Steel – Carbon Steel – Brass – Poly**

- Recommended for low-pressure discharge and suction service for compatible liquids

**WARNING:**
UNDER NO CIRCUMSTANCES should Cam and Groove couplings be used for compressed air or steam service!

**Crimp Shank Camlocks**
- Die Cast SS 304 Arms, Steel safety pins, Steel rings, NBR gasket
- Multiple serrations on hose shank for better coupling retention

Interchangeable with all manufacturers who are compliant to the A-A59326 specification.

King Combination Nipples (KCNs)

**Steel Plated**

- Recommended for low-pressure discharge and suction service for compatible liquids

Sizes: 1, 1-1/2, 2 to 8 inches.

Water Shanks

**Aluminum**

- Designed for use in fluid handling hoses.

Sizes: 1-1/2 to 6 inches.

Hammer Unions

- **100 Series**
- **1502 Series**
- **206 Series**
  - (One Piece Design)
- **206 Series**
- **200 Series**

Valves

- The primary function of a hose valve is to control the flow of water. A variety of valve and valve sizes are available. Contact JGB for information.

- **Check Valves**
  - Size Range: 4 to 16 in.

- **Butterfly Valves - Wafer Style**
  - Size Range: 4 to 16 in.

**Note:** JGB couplings are designed to comply with the dimensional requirements of MIL A-A59326.

Call **315-451-2770** or visit [www.jgbhose.com](http://www.jgbhose.com) for more information.

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JGB Enterprises

Extruded-Through-the-Weave

EAGLE Extruded-Through-the-Weave Hose

At JGB Enterprises we pride ourselves on supplying the highest quality, and most technologically advanced hose and assemblies the market has to offer, and our lay flat hose program is no exception. Our EAGLE “TPU” Thermoplastic polyurethane and EAGLE “NBR” Nitrile rubber hoses are produced using a state of the art manufacturing technique referred to as, “extruded-through-the-weave” or single extrusion.

The unique “extrusion through the weave” process eliminates the use of tubes and adhesives. The compound is fed into a heated extrusion barrel it’s extruded through the woven reinforcement jacket as it’s drawn through the channel. This one step extrusion process results in an extremely strong homogenous bond between cover and woven reinforcement jacket.

EAGLE TPU hose is produced with Huntsman polyurethane U.S.A: Specification IROGRAN® A 85 P 4394

This illustration Shows a cross section of an extruded-through-the-weave hose section including, the reinforcement weave & single extruded polyurethane or nitrile wall.

Advantages of through-the-weave construction:

1. No adhesive is used; hence, there is no potential for the hose to delaminate.
2. At working pressure, through-the-weave hose has an elongation rate of less than 1%.
3. Adhesion peel tests have shown that adherence of a through the weave hose is twice as strong as that of 3-Ply.
4. The interior of through-the-weave hose is much smoother than 3-Ply hose, thus affording a higher flow rate.

Disadvantages of the 3-Ply layered construction:

1. 3-Ply manufactures must apply pin holes to the outer cover to allow steam used in the gluing process to escape, those same pin holes could allow moisture to reach the adhesive that binds the outer layer to the reinforcement jacket. While this should not cause the inner tube to leak per se, moisture would reduce the adhesive bond between both the outer and the inner tubes and the reinforcement jacket. Separation from the reinforcement jacket would mean a loss of integrity in the strength of the hose and in the worst case a rupture, the location and extent of which cannot be predicted.
2. At working pressure, 3-Ply hose can reach an elongation rate as high as 10%. Such elongation results in “snaking” which causes the hose to move in an unpredictable manner and may lead to damage to the hose and the environment, as well as a reduced flow rate. Not to mention the time lost shutting down to relay.
3. Also less Poly/rubber may be used in the manufacture of 3-Ply hose because of an incentive inherent in the manufacturing process to keep the hose tubes as thin as possible. This results from the necessary procedure of turning the inside tube out, which becomes very difficult if the tubes are too thick. While suppliers of 3-Ply hose will no doubt at tribute a thinner wall to a manufacturing process finely tuned to using only the amount of material necessary to provide the desired outcome, the truth is that a thinner tube has been used to accommodate the manufacturing process. Thinner wall will puncture easier and wear faster.
**Locations**

**Click for directions:**

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

**Buffalo Branch**
2540 Walden Ave.
Cheektowaga, NY 14225
(716) 684-8225

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

**St. Louis Branch**
242 Carondelet Commons Blvd.
St. Louis, MO 63111
(314) 256-0833

**SE 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) 930-7777

**ADDITIONAL RESOURCES**

*WARNING: Cancer and Reproductive Harm*  
www.P65Warnings.ca.gov

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