Industrial Hose & Hose Ends

John Henry Foster has partnered with Eaton and Dixon to provide all the hose and hose ends for your Industrial needs — including everything from sandblasting, high pressure, suction & discharge — for use with air, water, food, acids, chemicals, solvents, and petroleum products.

Contact us (see back) for information regarding other applications.
We look forward to providing you with quality products and exceptional service.

**H0034 WILDCAT™ Sandblast**
(formerly Concord Sandblast)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>H003416-100</td>
<td>24</td>
<td>25.4</td>
<td>47.6</td>
<td>1.87</td>
<td>1.53</td>
<td>100</td>
</tr>
<tr>
<td>H003420-100</td>
<td>31</td>
<td>31.8</td>
<td>54.8</td>
<td>2.16</td>
<td>1.84</td>
<td>100</td>
</tr>
</tbody>
</table>

Abrasion loss value acc. DIN53516 ≤60mm³

**EHA500 High Pressure Air**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHA500-16YW-</td>
<td>100</td>
<td>25</td>
<td>36.0</td>
<td>1.42</td>
<td>1.88</td>
<td>100</td>
</tr>
<tr>
<td>EHA500-32YW-</td>
<td>100</td>
<td>51</td>
<td>66.0</td>
<td>2.60</td>
<td>2.51</td>
<td>100</td>
</tr>
</tbody>
</table>

*50 ft. length also available and black cover available on a MTO basis*
### Eaton Hose

#### EHT005 Medium Duty Suction & Discharge

**Construction:**
- Tube: PVC spiral
- Cover: PVC

**Operating Temperature:**
- -5°C to +60°C
  (+23°F to +140°F)

**Application:**
- For medium-duty suction and delivery of water, salt water, light chemicals

**Markets:**
- Agriculture
- Industry
- Construction

**Type of Couplings:**
- Cam and groove
- Combination nipples

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vacuum</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DN mm</td>
<td>in</td>
<td>bar psi</td>
<td>mm in</td>
<td>bar psi</td>
<td>kg/lb</td>
<td>mtr ft</td>
</tr>
<tr>
<td>EHT005-32GN-</td>
<td>MXX 150</td>
<td>51</td>
<td>50,8</td>
<td>2.00</td>
<td>22</td>
<td>319</td>
<td>88,0</td>
<td>26</td>
</tr>
<tr>
<td>EHT005-48GN-</td>
<td>MXX 150</td>
<td>80</td>
<td>76,2</td>
<td>3.00</td>
<td>18</td>
<td>261</td>
<td>88,0</td>
<td>26</td>
</tr>
</tbody>
</table>

#### EH360 Water Suction & Discharge

**Construction:**
- Tube: Synthetic rubber
- Cover: Abrasion and weather resistant synthetic rubber
- Reinforcement: Textile and a single steel helical wire with a dual steel helical wire on 8.00”, 10.00” and 12.00”

**Operating Temperature:**
- -25°C to +70°C
  (-13°F to +158°F)

**Application:**
- Pumping, suction and discharge of water, mud and slurries
- Convey water
- Transfer and haul salt water (brine)

**Markets:**
- Construction
- Equipment rental
- Mining
- Ship building
- Oil and gas exploration
- Tank truck

**Type of Couplings:**
- Cam and groove
- Combination nipple

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vacuum</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DN mm</td>
<td>in</td>
<td>mm</td>
<td>bar psi</td>
<td>mm in</td>
<td>bar psi</td>
<td>kPa in/Hg kg/lb</td>
<td>mtr ft</td>
</tr>
<tr>
<td>EH36032-</td>
<td>MXX 100</td>
<td>51</td>
<td>50,8</td>
<td>2.00</td>
<td>62,0</td>
<td>2.44</td>
<td>10,5</td>
<td>150</td>
<td>31</td>
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<td>MXX 100</td>
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<td>76,2</td>
<td>3.00</td>
<td>89,0</td>
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<td>10,5</td>
<td>150</td>
<td>31</td>
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<tr>
<td>EH36064-</td>
<td>MXX 100</td>
<td>102</td>
<td>101,6</td>
<td>4.00</td>
<td>115,0</td>
<td>4.53</td>
<td>10,5</td>
<td>150</td>
<td>31</td>
</tr>
</tbody>
</table>
## Eaton Hose

### H0364 OTTER™ Water Suction & Discharge

**Construction:**
- Tube: EPDM
- Reinforcement: High-tensile synthetic textile and steel helical wire
- Cover: EPDM

**Operating Temperature:**
- -40°C to +120°C
  (-40°F to +248°F)

**Application:**
- Pumping, suction, and discharge of water, mud, and slurries
- Diluted agricultural fertilizers
- Convey water
- Transfer and haul salt water (brine)

**Markets:**
- Agriculture
- Construction
- Equipment rental
- Mining
- Ship building
- Oil and gas exploration
- Tank truck

**Type of Couplings:**
- Cam and groove
  - Combination nipples

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vacuum</th>
<th>Weight</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>H036432-</td>
<td>MXX</td>
<td>50,8</td>
<td>2.00</td>
<td>62.0</td>
<td>10.5</td>
<td>31.5</td>
<td>450</td>
<td>1,63</td>
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</tbody>
</table>

* Additional lengths available on select items

### EHT301 Light Duty Discharge

**Construction:**
- Tube: PVC lining
- Reinforcement: High-tensile synthetic textile
- Cover: PVC

**Operating Temperature:**
- -5°C to +60°C
  (+23°F to +140°F)

**Application:**
- Light duty discharge of water in agriculture and industry

**Markets:**
- Agriculture
- Industry

**Type of Couplings:**
- Cam and groove
- Combination nipples

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Weight</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>EHT301-32BU-</td>
<td>51</td>
<td>4.0</td>
<td>12.0</td>
<td>0.28</td>
<td>50,100</td>
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<tr>
<td>EHT301-48BU-</td>
<td>80</td>
<td>3.5</td>
<td>10.0</td>
<td>0.42</td>
<td>50,100</td>
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</tbody>
</table>
## Eaton Hose

### H0363 PUMA™ Suction & Discharge

**Construction:**
- Tube: Vinyl nitrile blend
- Reinforcement: 2- or 4-ply fiber with dual helical wires and anti-static copper wire
- Cover: Vinyl nitrile blend

**Operating Temperature:**
- -40°C to +82°C
  
- [-40°F to +180°F]

**Application:**
- For suction and discharge of petroleum products

**Markets:**
- Tank truck
- Paper/pulp industry
- Oil and gas exploration

**Type of Couplings:**
- Cam and groove

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part No.</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Max Operating Pressure</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vacuum</th>
<th>Weight</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>mtr</td>
<td>ft</td>
<td>DN</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>bar</td>
<td>psi</td>
<td>bar</td>
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<tr>
<td>H036316BK-</td>
<td>—</td>
<td>100</td>
<td>25</td>
<td>25.4</td>
<td>1.00</td>
<td>38.0</td>
<td>1.50</td>
<td>10.5</td>
<td>150</td>
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<tr>
<td>H036320BK-</td>
<td>—</td>
<td>100</td>
<td>31</td>
<td>31.8</td>
<td>1.25</td>
<td>45.0</td>
<td>1.77</td>
<td>10.5</td>
<td>150</td>
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<tr>
<td>H036324BK-</td>
<td>—</td>
<td>100</td>
<td>38</td>
<td>38.1</td>
<td>1.50</td>
<td>52.5</td>
<td>2.07</td>
<td>10.5</td>
<td>150</td>
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<tr>
<td>H036332BK-</td>
<td>—</td>
<td>100</td>
<td>51</td>
<td>50.8</td>
<td>2.00</td>
<td>65.0</td>
<td>2.56</td>
<td>10.5</td>
<td>150</td>
</tr>
<tr>
<td>H036348BK-</td>
<td>—</td>
<td>100</td>
<td>80</td>
<td>76.2</td>
<td>3.00</td>
<td>90.5</td>
<td>3.56</td>
<td>10.5</td>
<td>150</td>
</tr>
<tr>
<td>H036364BK-</td>
<td>—</td>
<td>100</td>
<td>102</td>
<td>101.6</td>
<td>4.00</td>
<td>116.3</td>
<td>4.58</td>
<td>10.5</td>
<td>150</td>
</tr>
</tbody>
</table>

* **50 ft. lengths available on select items*
## Eaton Hose

### H0105 BOSFLEX™ A/W

**Construction:**
- Tube: EPDM
- Reinforcement: 4-fiber spiral, -20 & -24 2-fiber braid
- Cover: EPDM

**Operating Temperature:**
- Tube: -40°C to +62°C
- Reinforcement: -40°F to +180°F

**Application:**
- Air and water transfer
- Spraying and conveying water based liquid fertilizers and pesticides

**Markets:**
- Agriculture
- Assembly/manufacturers
- Paper/pulp
- Ship building

**Type of Couplings:**
- Eaton “U” Series
- Barbed inserts
- Quick disconnect
- Eaton quick disconnect

### Part No. Part mtr ft DN mm in Hose I.D. mm in Hose O.D. Max Operating Pressure bar psi Burst Pressure bar psi Minimum Bend Radius in mm in Weight kg/m lbs/ft Length mtr ft

- H010504RD — 600R 6 6,4 0.25 15,6 0.62 20,7 300 83,0 1200 0,16 0.14 — 600
- H010506RD— 600R 10 9,5 0.38 18,0 0.71 20,7 300 83,0 1200 0,27 0.18 — 600
- H010508RD— 600R 12 12,7 0.50 22,1 0.87 20,7 300 83,0 1200 0,34 0.23 — 600
- H010512RD-* 600R 19 19,0 0.75 29,1 1.15 15,5 225 62,0 900 0,55 0.37 — 600
- H010516RD-* 600R 25 25,4 1.00 34,7 1.37 13,8 200 55,0 800 0,89 0.60 — 600

*Product also available in BK-Black

### H0523 CHEMCAT™ Petrochemical

**Construction:**
- Tube: UHMW-PE FDA-approved material
- Reinforcement: 2-ply fiber and dual helical wires
- Cover: EPDM

**Operating Temperature:**
- Tube: -40°C to +121°C
- Reinforcement: -40°F to +250°F

**Application:**
- For transfer of acids, chemicals, solvents, and petroleum products
- Food transfer

**Markets:**
- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Ship building
- Forest products

**Type of Couplings:**
- Cam and groove
- Combination nipple
- Male NPT

### Part No. Part Hose I.D. mm in Hose O.D. mm in Max Operating Pressure bar psi Burst Pressure bar psi Minimum Bend Radius in mm in Vacuum in/Hg Weight kg/m lbs/ft Length mtr ft

- H052316XX-100 25 25,4 1.00 38,9 1.53 20,7 300 83,0 1200 0,82 0.55 30,5 100
- H052322XX-100 51 50,8 2.00 66,8 2.63 20,7 300 83,0 1200 1,74 1.16 30,5 100
- H052340XX-100 60 63,5 2.50 79,5 3.13 20,7 300 83,0 1200 2,13 1.42 30,5 100
- H052348XX-100 80 76,2 3.00 92,2 3.63 17,2 250 70 1000 228,6 9.00 94,8 28 2,52 1.68 30,5 100

* Additional lengths available on select items
**XX notes color; GN for green, PR for purple
## Dixon Ends

### Aluminum Cam and Groove
- **1.25”**
- **1.50”**
- **2.0”**
- **2.5”**
- **3.0”**
- **4.0”**

### Types of Adapters and Connectors
- **Type A Adapter**
  - X Female NPT
- **Type B Coupler**
  - X Male NPT
- **Type C Coupler**
  - X Hose Shank
- **Type D Coupler**
  - X Female NPT
- **Type E Adapter**
  - X Hose Shank
- **Type F Adapter**
  - X Male NPT
- **Type DC**
  - Dust Cap
- **Type DP**
  - Dust Plug

### King Nipples
- **1/2”**
- **3/4”**
- **1.0”**
- **1.25”**
- **1.5”**
- **2.0”**
- **2.5”**
- **3.0”**
- **4.0”**

### King Crimp - Short Shank Suction Complete Coupling NPSM
- **1.5”**
- **2.0”**
- **2.5”**
- **3.0”**
- **4.0”**

### King Crimp Style Combination Nipple Threaded End
- **1.0”**
- **1.5”**
- **2.0”**
- **2.5”**
- **3.0”**
Dixon Ends

Universal Preformed Band Clamp K Series

- 1.25"
- 1.5"
- 1.75"
- 2.0"
- 2.25"
- 2.5"
- 2.75"
- 3.0"
- 3.5"
- 4.0"
- 4.5"
- 5.0"
- 6.0"
- 7.0"
- 8.0"

Global Crimp Style Cam and Groove

- 1" *
- 2.0" *
- 3.0" *
- 4.0" *

* Also in Stainless Steel

- Type C Coupler X Hose Shank
- Type E Adapter X Hose Shank

Sleeves and Ferrules for King Crimp Ends

- 1.25"
- 1.50"
- 2.0"
- 2.5"
- 3.0"
- 4.0"

- King Crimp Style Sleeve Carbon Steel
- King Crimp Style Ferrule 304 Stainless Steel

Sand Blast Couplings

- .5" - 1.25"
- 1.5" - 3"

- 2 LUG Aluminum Coupler
- Aluminum Nozzle Holder (NPS Treads)
For solutions, quotes or any other applications

Contact Matt Tindira
Mobile: 314-368-8996
Office: 314-427-0600
MTindira@jhf.com

Know Your Application Requirements (STAMPED)

- (SIZE) I.D., O.D. and length
- (TEMPERATURE) of material conveyed and environmental conditions
- (APPLICATION) the conditions of use
- (MATERIAL) being conveyed, type and concentration
- (PRESSURE) to which the assembly will be exposed
- (ENDS) style, type, orientation, attachment methods, etc.
- (DELIVERY) testing, quality, packaging, and delivery requirements

Dixon Ends

3 Lug UNV Couplings

3/8”
1.2”
3/4”
1”

Hose Barb
Male NPT
Female NPT

4 Lug UNV Couplings

1.25”
1.5”
2.0”

Boss Ground Joint Seal

1”
2”

Boss Ground Joint Complete Female

Boss Ground Joint Female Spud
Boss Ground Joint Double Spud

Boss Ground Joint Male Spud

Boss Clamp 4 Bolt Type

About John Henry Foster

John Henry Foster Company is a full-line fluid power distributor with territories covering parts of Missouri and Illinois and is the Midwest leader in fluid power sales. We have been serving our customers in Missouri and Illinois for over 60 years! Please visit www.jhf.com to learn more about us.

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