INDUSTRIAL HOSES - petrochemical

Reloading hoses for fuel and oil

IVALO®
**Internal layer:** Black NBR rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, corrugated, self-extinguishing CR rubber  
**Working temp.:** From -30°C up to +120°C

Lightweight, flexible suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30% (except ester-based products). External layer complies with ASTM C 542, resistant to abrasion, oil, ozone and weather conditions. Vacuum 0.5 bar.

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<th>bending radius [mm]</th>
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INFINITY™
**Internal layer:** Black NBR rubber  
**Reinforcement:** Textile braid  
**External layer:** Black Chemivic™ synthetic rubber + orange-green Plivic® external helix  
**Working temp.:** From -40°C up to +70°C

Suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 60%. Very lightweight, flexible and easy to handle due to the exclusive construction based on the double external helix. The hose features copper wires to ensure electrical conductivity.

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<th>Code</th>
<th>I.D. [mm]</th>
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<th>working pressure [bar]</th>
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Reloading hoses for fuel and oil

AUSTRALIA®
Internal layer: Black NBR compound
Reinforcement: Synthetic braid
External layer: Black CR compound
Working temp.: From -20°C up to +70°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30%. The hose features copper wires to ensure electrical conductivity. External layer resistant to abrasion, oil and weather conditions.

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AUSTRALIA® EN1360
Internal layer: Black NBR compound
Reinforcement: Synthetic braid
External layer: Black CR compound
Working temp.: From -20°C up to +70°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30%. Internal layer is antistatic - R < 1 MΩ/m. External layer is resistant to abrasion, oil and weather conditions. The hose has copper wire to ensure electrical conductivity between hose ends (R < 10² Ω/íghth.). Complies with EN1360:05 standard type 1 category M.

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Reloading hoses for fuel and oil

CARACAS®

Internal layer: Black NBR rubber
Reinforcement: Synthetic braided steel wire helix
External layer: Black corrugated CR rubber
Working temp.: From -20°C to +70°C (CARACAS 30%)
From -54°C to +70°C (CARACAS 50%)

Lightweight, flexible suction-delivery hose designed to transfer liquid petrochemical products. The hose features copper wires to ensure electrical conductivity. Excellent for reloading applications. External layer resistant to abrasion, oil, ozone and weather conditions.

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for products with up to 30% aromatic contents

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for products with up to 50% aromatic contents

EXTREMEFLEX®

Internal layer: Black NBR rubber
Reinforcement: Textile braided steel wire helix
External layer: Black, corrugated Chemivic™ rubber compound
Working temp.: From -40°C up to +93°C

Extremely flexible, suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 60%. A corrugated external layer provides perfect abrasion resistance and ease while dragging the hose. Also available with a red external layer.

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Reloading hoses for fuel and oil

RAFFINERIA / CLC

Internal layer: Black, antistatic NBR rubber
Reinforcement: Synthetic braid, steel wire helix
External layer: Black, corrugated synthetic rubber
Working temp.: From -30°C up to +80°C (with peaks up to +120°C depending on medium)

Lightweight, flexible, suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. Antistatic internal layer $R < 10^6 \, \Omega$. The hose has copper wire to ensure electrical conductivity between hose ends. Excellent solution for loading and unloading systems and other applications that require small bending radius. External layer is resistant to abrasion, mineral oils, ozone, ageing, weather conditions and brief contact with hydrocarbons. Vacuum 0.9 bar.

<table>
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Robust suction-delivery hose designed to transfer fuel, liquid petrochemical products with aromatic content up to 50%. The hose features two copper wires to ensure electrical conductivity. Conductive external layer - R $<10^6$ Ω/m, resistant to abrasion, oil, ozone and weather conditions. Vacuum 0.9 bar.

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<th>I.D. [mm]</th>
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<th>bending radius [mm]</th>
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INDUSTRIAL HOSES - petrochemical

Reloading hoses for fuel and oil

**GENOVA® GLOBAL „OHM”**

**Internal layer:** Black NBR1 rubber  
**Reinforcement:** Synthetic braid  
**External layer:** Black, antistatic synthetic rubber  
**Working temp.:** From -20°C up to +70°C

Delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. External layer resistant to abrasion, oil, ozone and weather conditions. Complies with: EN 12115:11, EN 1761, ISO 2929, TRbF. Electrical resistance: OHM/T - electrically conductive hose, \( R \leq 10^6 \, \Omega/\text{lgth} \). Tested and approved by INERIS for work in ATEX potentially explosive atmospheres.

<table>
<thead>
<tr>
<th>code</th>
<th>I.D. [mm]</th>
<th>O.D. [mm]</th>
<th>working pressure [bar]</th>
<th>bursting pressure [bar]</th>
<th>weight [kg/m]</th>
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**GENOVA / LL® GLOBAL „OHM”**

**Internal layer:** Black NBR1 rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, antistatic synthetic rubber  
**Working temp.:** From -20°C up to +70°C

Suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. The external layer resistant to abrasion, oil, ozone and weather conditions. Complies with: EN 12115:11, EN 1761, ISO 2929, TRbF. Electrical resistance: OHM/T - electrically conductive hose, \( R \leq 10^6 \, \Omega/\text{lgth} \). Tested and approved by INERIS for work in ATEX potentially explosive atmospheres. Vacuum 0.9 bar.

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<th>code</th>
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<th>working pressure [bar]</th>
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<th>bending radius [mm]</th>
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Reloading hoses for fuel and oil

**FUEL SOFTWALL®**
- **Internal layer:** Black PVC/NBR compound
- **Reinforcement:** Synthetic braid
- **External layer:** Black CR compound
- **Working temp.:** From -25°C up to +90°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. Flame retardant external layer resistant to abrasion, oil, sea water and weather conditions. It is a specialist hose designed to serve oil-rigs. Widely used in the North Sea.

<table>
<thead>
<tr>
<th>code</th>
<th>I.D. [mm]</th>
<th>O.D. [mm]</th>
<th>working pressure [bar]</th>
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**FUEL HARDWALL®**
- **Internal layer:** Black PVC/NBR compound
- **Reinforcement:** Synthetic braid, steel wire helix
- **External layer:** Black CR compound
- **Working temp.:** From -25°C up to +90°C
  - From -20°C up to +90°C (FUEL/HW/30)

Suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. Flame retardant external layer resistant to abrasion, oil, sea water and weather conditions. The hose has a tensile strength of up to 4 tons. It is a specialist hose designed to serve oil-rigs. Widely used in the North Sea.

<table>
<thead>
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<th>code</th>
<th>I.D. [mm]</th>
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