



Lamons™
MANUFACTURING AND SERVICE CO.

LAMONS.COM

QUALITY
HOSE
PRODUCTS



RELIABLE, HIGH-QUALITY CUSTOM HOSES

Since 1947, Lamons® has been producing safety sealing and attachment solutions for a wide variety of critical industries across the globe. As a leading manufacturer of gaskets, fasteners, and hoses, we provide quality products, on-time delivery and exceptional customer service to keep your operations running 24/7/365.

Hoses are a critical aspect of our sealing and attachment solutions portfolio. By offering high-quality hose products and assorted fittings upon request, along with a wide array of gaskets and standard and specialty fasteners, we are a true one-stop resource. We provide engineered and tailored solutions that you cannot always get from larger hose manufacturers that focus on moving off-the-shelf products and large-quantity orders.

For high-performance, high-quality, custom hoses, fittings, replacements, and welded components, Lamons can deliver what you need, when you need it. Since our hose products are fabricated and distributed out of four U.S. locations, we can handle large, small and customized orders with extreme ease and care.

Our hose products undergo non-destructive testing (NDT) and certification, failure analysis, on-site application analysis, and field engineering.

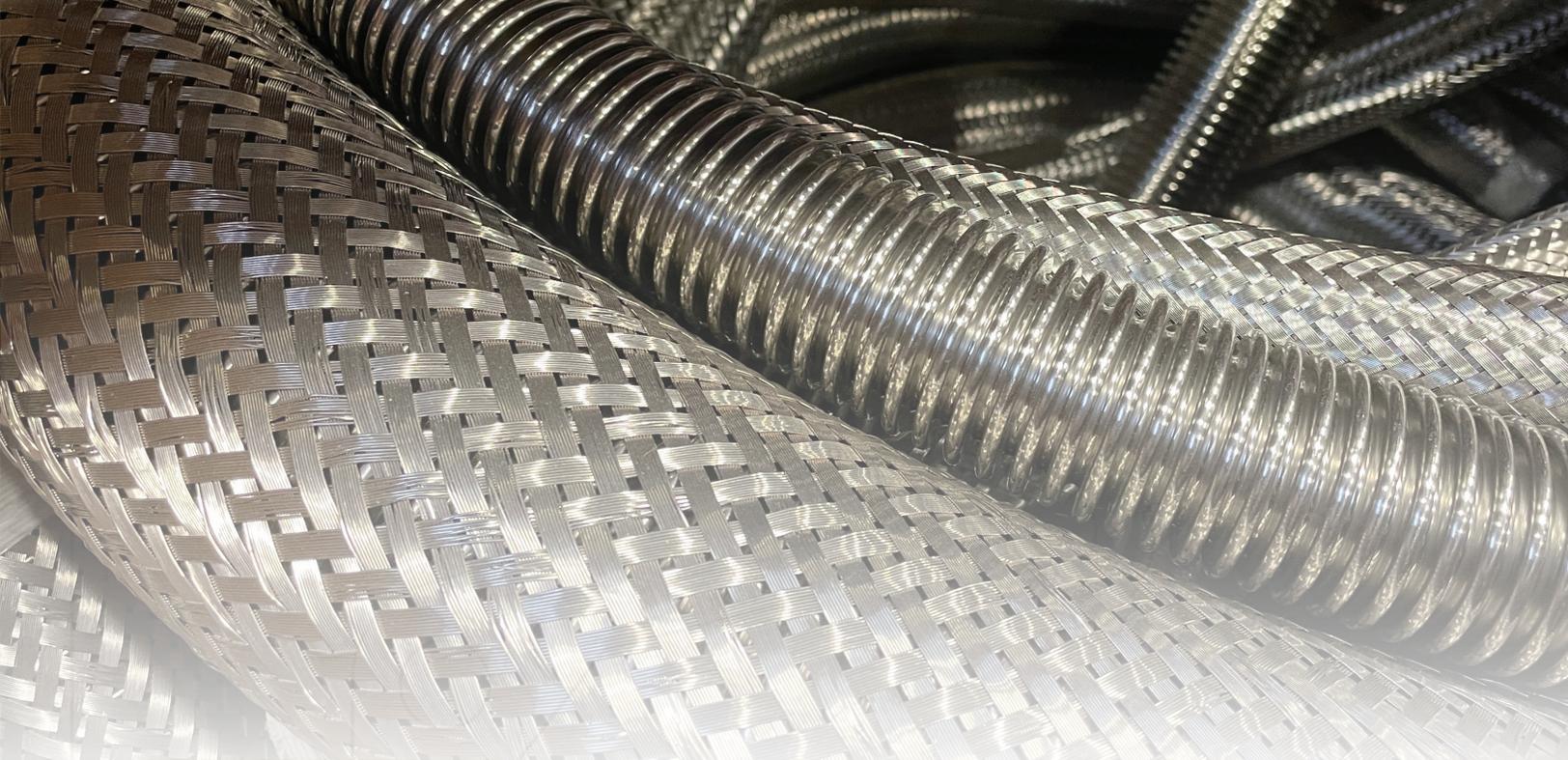
OUR FULL RANGE OF SERVICES INCLUDES:

Positive material identification (PMI) | Product application and installation seminars | On-site surveys
Complete engineering support | Approval drawings | Vendor-managed inventory (VMI) programs
Asset tracking | Preventive maintenance

CERTIFICATIONS:



- ISO 9001:2015 Quality Management System
- NDT Level-II personnel
- NAHAD member
- ASME BPVC SEC. IX certified weld procedures and personnel
- ASME B31.3 compliance



HIGHER
TEMPERATURE,
HIGHER CHEMICAL
RESISTANCE AND
HIGHER PRESSURE
RATING

FLEXIBLE METAL HOSES

Lamons offers hoses made with 321 SS, 316 SS, bronze, Monel®, Inconel®, and Hastelloy®. We produce braided or double-braided, reinforced hoses with these same materials. Our products are available from ¼" to 14" (.635 to 35.56 cm) sizes, with a maximum allowable working pressure (MAWP) of up to 4,406 psi (304 bar). Certain hoses are suitable for temperatures ranging from cryogenic to 2000°F (1093°C).

COMMON APPLICATIONS:

- Acids
- Chemicals
- Solvents
- In-plant transfer service
- FDA-compliant applications
- Hydrocarbons
- Chlorine
- High pressure
- High temperature
- Random motion
- Vibration
- Corrosive
- Abrasives

INDUSTRIES:

- Chemical processing
- Oil and gas
- Petrochemical
- Power generation
- Transportation
- Original equipment manufacturer (OEM)
- Steel mills
- Paper mills
- Marine
- Water and wastewater
- Construction

BENEFITS AND SERVICES:

- Four U.S. fabrication locations
- Quality control standards
- Material test reports (MTRs) and certificates of conformance (CoCs)
- 100% leak testing and certification
- NDT-certified procedures and personnel
- PMI
- Quick turnarounds
- NAHAD membership
- ASME PBVC Section IX-certified procedures and welders



FLUOROPOLYMER HOSES

These products are made with fluorinated ethylene propylene (FEP) and polytetrafluoroethylene (PTFE) backing, and they are braided and reinforced with textile cord and steel wire helix or highly flexible thermoplastic or fluoroplastic plies. The outer covers are ethylene propylene diene monomer (EPDM). Hoses range in size from ½" to 6" (1.27 to 15.24 cm), with a MAWP of up to 450 psi (31 bar) and are suitable for temperatures ranging from -40 to 350°F (-40 to 167°C).

WHERE
CORROSION,
TEMPERATURE
AND CLEANLINESS
ARE A FACTOR

COMMON APPLICATIONS:

- Acids
- Chemicals
- Solvents
- In-plant transfer service
- FDA-compliant applications
- Hydrocarbons
- Chlorine
- High pressure
- High temperature
- Random motion
- Vibration
- Corrosive
- Abrasives

INDUSTRIES:

- Chemical processing
- Oil and gas
- Petrochemical
- Power generation
- Transportation
- Original equipment manufacturer (OEM)
- Steel mills
- Paper mills
- Marine
- Water and wastewater
- Construction

BENEFITS AND SERVICES:

- Four U.S. fabrication locations
- Quality control standards
- MTRs and CoCs
- 100% leak testing and certification
- NDT-certified procedures and personnel
- PMI
- Quick turnarounds
- NAHAD membership
- ASME PBVC Section IX certified procedures and welders



LOWER
TEMPERATURES,
MILD CHEMICAL
RESISTANCE
AND LOWER
PRESSURE
RATINGS

INDUSTRIAL CHEMICAL/ PETROLEUM HOSES

Chemical hoses are produced with ultra-high-molecular-weight polyethylene (UHMWPE) and cross-linked polyethylene (XLPE) backing and braided and reinforced with textile cord and steel wire helix or highly flexible thermoplastic or fluoroplastic plies. The outer cover is EPDM. They range in size from 3/4" to 4" (2 to 10 cm), with a MAWP of up to 250 psi (17 bar) and are suitable for temperatures ranging from -40 to 212°F (-40 to 100°C), depending on type.

Petroleum hoses are made with nitrile reinforced with textile cord and steel wire helix. The outer cover is nitrile. They range in size from 1" to 8" (2.5 to 20 cm), with a MAWP of up to 300 psi (21 bar) and are suitable for temperatures ranging from -40 to 180°F (-40 to 82°C).

COMMON APPLICATIONS:

- Acids
- Chemicals
- Solvents
- In-plant transfer service
- FDA-compliant applications
- Hydrocarbons
- Chlorine
- High pressure
- High temperature
- Random motion
- Vibration
- Corrosive
- Abrasives

INDUSTRIES:

- Chemical processing
- Oil and gas
- Petrochemical
- Power generation
- Transportation
- Original equipment manufacturer (OEM)
- Steel mills
- Paper mills
- Marine
- Water and wastewater
- Construction

BENEFITS AND SERVICES:

- Four U.S. fabrication locations
- Quality control standards
- MTRs and CoCs
- 100% leak testing and certification
- NDT-certified procedures and personnel
- PMI
- Quick turnarounds
- NAHAD membership
- ASME PBVC Section IX-certified procedures and welders



UTILITY HOSES

These products are constructed with EPDM or oil-resistant nitrile and are reinforced with high-tensile textile cord or steel wire. The outer covers are nitrile or neoprene, offered in various colors. These hoses are available in sizes ranging from ¼" to 2" (.6 to 5 cm), with a MAWP of up to 300 psi (21 bar) and can service temperatures ranging from -40 to 212°F (-40 to 100°C).

FOR STEAM,
WATER, AIR
AND NITROGEN
SERVICE

COMMON APPLICATIONS:

- Steam
- Water (suction and discharge)
- Plant air
- Nitrogen
- Washdown
- Petrochemical refining
- FDA-compliant applications
- High pressure
- High temperature

INDUSTRIES:

- Chemical processing
- Transportation
- Marine
- Oil and gas
- Petrochemicals
- OEM
- Steel mills
- Paper mills
- Power generation
- Water and wastewater
- Food and beverage

BENEFITS AND SERVICES:

- Four U.S. fabrication locations
- Quality control standards
- MTRs and CoCs
- Leak testing and certification
- NDT-certified procedures and personnel
- Quick turnarounds
- NAHAD membership
- Dedicated inventories
- Vendor-managed inventory programs



WHERE
SUPERIOR
FLEXIBILITY
IS NEEDED

COMPOSITE HOSES

These hoses are constructed with galvanized stainless steel or polypropylene-coated steel wire and high-density polypropylene or PTFE inner liner, depending on the type. The outer covers are offered in various colors. These hoses are available in sizes ranging from 1" to 10" (2.54 to 25.4 cm), with a MAWP of up to 200 psi (14 bar) or 250 psi (17 bar), depending on type, and they can service temperatures ranging from -40 to 212°F (-40 to 100°C) or -40 to 250°F (-40 to 121°C), depending on type.

COMMON APPLICATIONS:

- Barge unloading
- Tank farms
- Chemical mixing plants
- Petrochemical refining
- Gasoline trucks
- Chemical tankers
- In-plant transfer service
- Rail car liquid chemical
- Vacuum
- Hazardous chemicals

INDUSTRIES:

- Chemical processing
- Transportation
- Marine
- Oil and gas
- Petrochemical

BENEFITS AND SERVICES:

- Four U.S. fabrication locations
- Quality control standards
- MTRs and CoCs
- Leak testing and certification
- NDT-certified procedures and personnel
- Quick turnarounds
- NAHAD membership
- Dedicated inventories
- Vendor-managed inventory programs

▶ VALUE-ADDED BENEFITS

Lamons provides smart technology solutions to help keep you up and running 24/7/365:

- **eCatalog eCommerce Solutions –**
An advanced, highly customizable online shopping catalog that integrates seamlessly with your material requirements planning (MRP) and enterprise resource planning (ERP) systems.
- **Drawings Online Repository –**
Paper drawings converted to electronic files with pertinent details including unit and equipment unique identifiers, kitting of components, part numbers, equipment specifics, required quantities, mechanical details for gaskets, and more. Drawings online can also create custom packing slips and detailed labels.
- **Inventory Management System –**
Rely on Lamons for on-site inventories of your routine parts. Whether inventories are owned or on consignment, you can manage inventory levels, replenish stock, and track material receipts and shipments with our web-based system. Simplify the purchase process even further by integrating our VMI with your ERP system.
- **Asset Tracking and Preventive Maintenance System –**
A desktop and mobile application that allows you to manage your purchased assets, assign unique tracking numbers, save and recall asset-specific documents, define preventive maintenance periods, and more

To learn more about how Lamons can support your operations, visit our website. To contact our engineering team directly, email: Engineering@Lamons.com.

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ABOUT US

Lamons is one of the leading gasket, seal, bolt, and hose assembly manufacturers in the world. Since 1947, our mission has been to provide industry-leading safety sealing and attachment solutions through our quality, engineered products, technical know-how, on-time delivery, and exceptional customer service. Understanding that product knowledge is power, we also offer comprehensive field services and training programs to help you maximize operational efficiencies.

Our 21 manufacturing branches across the globe stand ready to support your operations 24/7/365. For more information on our products and services, go to Lamons.com.

Lamons produces quality hoses in the following U.S. locations:



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Houston, Texas 77061 USA

Worldwide: +1 713.222.0284
U.S./Canada Toll Free:
800.231.6906

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