



Solutions for:

**Metals & Minerals**

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# Private Brands

LGG Industrial is a leading provider of industrial solutions across North America, delivering high-performance products, technical expertise, and value-added services. With a focus on safety, reliability, and uptime, we partner with customers to reduce downtime, improve performance, and drive operational efficiency in demanding industries.

One of our key differentiators is our portfolio of brands that are engineered to deliver consistent quality, innovation, and application-specific performance.



Our **Goodall**® industrial hose brand provides premium industrial hose solutions built for durability and safety in critical applications, helping customers maximize uptime and reduce risk. From its plant in Collingwood, ON, to strategic destinations throughout the North American market, Goodall delivers unmatched quality.



**Dunlop Hiflex**® offers a complete range of hydraulic hose and fluid power solutions, combining proven global performance with our assembly expertise and full traceability capabilities.



**Leader Gasket**® delivers advanced sealing technology with a strong emphasis on performance and traceability. With a full range of gasket solutions and a "Total Flange Care" approach, it helps improve seal integrity and reduce emissions.



**Advanced Sealing**® specializes in high-performance gasket solutions for the most demanding environments. Known for innovation and low-emission designs, it supports safer, more efficient operations in critical industries.

Together, these brands create a comprehensive, integrated solution—backed by LGG Industrial's expertise and commitment to customer success.

LGG Industrial is your go-to partner for industrial solutions, delivering performance, reliability, and expertise.



# Industrial Hose

## Air Hose

SUPER HARDROK II	I.D.	W.P.	Temp.	Application
N3000	2"	900 psi	-40°F to +268°F	<ul style="list-style-type: none"> <li>• Heavy-duty and high-pressure compressed air hose for use in mines, quarries and construction jobs</li> <li>• Special heavy-duty construction with superior flexibility and kink-resistance</li> <li>• Excellent in bull air line service</li> <li>• Ideal for the safe transfer of high-temperature air</li> <li>• May also be used as a very robust oil transfer hose</li> </ul>



DEFENDER	I.D.	W.P.	Temp.	Application
N1460	2" - 4"	400-550 psi	-40°F to +180°F	<ul style="list-style-type: none"> <li>• Medium-duty compressed air hose for use in construction sites</li> <li>• Ideal for the transfer of high-temperature air</li> <li>• May be used as a water transfer hose</li> </ul>

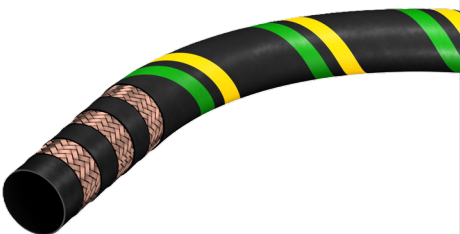


ROCK BREAKER	I.D.	W.P.	Temp.	Application
N2705	1" - 2"	400 psi	-40°F to +200°F	<ul style="list-style-type: none"> <li>• Heavy-duty multi-purpose air hose for use in industrial, construction and mining applications</li> <li>• Extremely flexible and kink-resistant</li> </ul>



## Suction & Discharge Hose

SUPER MINE KING II	I.D.	W.P.	Temp.	Application
N4000	3/4" - 2"	475-550 psi	-40°F to +200°F	<ul style="list-style-type: none"> <li>• Air &amp; water general purpose</li> <li>• Heavy-duty construction</li> <li>• Kink-resistant</li> </ul>



## Suction & Discharge Hose

ALLIGATOR	I.D.	W.P.	Temp.	Application
N645	1" - 8"	150 psi	-22°F to +212°F	<ul style="list-style-type: none"> <li>Suction and delivery hose for water: sea water, wastewater, etc.</li> <li>Also suitable for mud, mild chemicals and fertilizer solutions in general industrial and agricultural applications</li> <li>The special construction of the hose makes it very light, extremely flexible and easy to handle.</li> <li>Classification Grade Ω/T</li> </ul>



RUBBER WATER DISCHARGE	I.D.	W.P.	Temp.	Application
N325	1" - 10"	100 - 300 psi	-22°F to +180°F	<ul style="list-style-type: none"> <li>General purpose water discharge hose for in-plant water service in general industrial and agricultural applications. Also suitable for air service.</li> <li>Flexible and easy to handle</li> </ul>




## Material Handling Hose


GOODFLEX	I.D.	W.P.	Temp.	Application
S1242	2" - 14"	150 psi	-40°F to +160°F	<ul style="list-style-type: none"> <li>For suction and discharge of highly abrasive materials such as slurries, dry materials, and fly ash in cement plants, power plants, construction sites, coal mines, and many other industries</li> <li>Uses externally attached, reusable, field attachable flanged ends that provide full unrestricted flow for higher product volume delivery and elimination of internal fitting wear issues</li> </ul>




# Industrial Hose

## Material Handling Hose


HEAVY DUTY INDUSTRIAL VACUUM	I.D.	W.P.	Temp.	Application
704HA 	2" – 10"	150 psi	-40°F to +176°F	<ul style="list-style-type: none"> <li>• Bulk material suction and delivery in heavy duty applications.</li> <li>• Specially designed for sewer and waste suction vehicles, industrial vacuum, drill cuttings suction in mobile drilling rigs.</li> <li>• Corrugated construction for increased flexibility.</li> </ul>


FLEXVAC™	I.D.	W.P.	Temp.	Application
180AR 	1-¼" – 12"	25-45 psi	-40°F to +140°F	<ul style="list-style-type: none"> <li>• Bulk Unloading, Cement Plant, Industrial Plant Services General Use, Mining General Use, Septic, Street Sweeper, Vacuum Truck, Waste Management General Use</li> <li>• Lightweight and flexible SBR rubber hose blended with static carbon black makes it extremely abrasion resistant.</li> <li>• Static dissipating with no grounding wire.</li> <li>• Smooth bore allows for precise flow and promotes drain ability.</li> </ul>


WEAR KING	I.D.	W.P.	Temp.	Application
N2498 	4"	75 psi	-20°F to +194°F	<ul style="list-style-type: none"> <li>• Discharge of sand, pebble lime, or other highly abrasive dry materials</li> <li>• ¼ inch thick tube to ensure a longer hose life</li> <li>• Conductive tube to ensure safe handling</li> </ul>



## Chemical & Petroleum Hose

KEMFLEX	I.D.	W.P.	Temp.	Application
N2700 	½" - 4"	200-250 psi	-40°F to +212°F	<ul style="list-style-type: none"> <li>Developed for use in chemical plants, or ship, barge and tank truck service</li> <li>Braided construction is flexible and resistant to kinking</li> <li>Can be open end steam cleaned (max 30 minutes at 266°F)</li> </ul>


CORRUGATED KEMFLEX	I.D.	W.P.	Temp.	Application
N2700-C 	2"	250 psi	-40°F to +212°F	<ul style="list-style-type: none"> <li>Developed for use in chemical plants, or ship, barge and tank truck service</li> <li>Braided construction is flexible and resistant to kinking</li> <li>Can be open end steam cleaned (max 30 minutes at 266°F)</li> <li>Delivers a 67% reduction in bend flex force versus the smooth-cover version, improving handling and flexibility</li> </ul>


SULFUR DIOXIDE DISCHARGE HOSE	I.D.	W.P.	Temp.	Application
N2683 	1" - 2"	250 psi	-40°F to +180°F	<ul style="list-style-type: none"> <li>Specifically designed for sulfur dioxide wet service 100% concentration</li> </ul>




# Industrial Hose

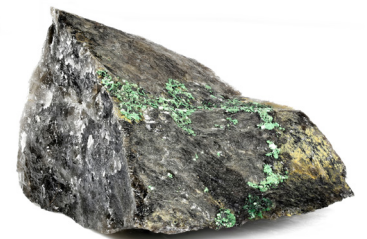
## Chemical & Petroleum Hose

PETROLEUM TANK TRUCK HOSE	I.D.	W.P.	Temp.	Application
	1" - 8"	150 psi	-40°F to +170°F	<ul style="list-style-type: none"> <li>Suction and delivery hose with corrugated cover for filling and discharging tanks, petrol tankers and ships with unleaded fuels (EN228:2017) with an aromatic content of components 50% max</li> <li>Suitable for industrial oils, diesel oils (EN 590:2017), fuel oils (DIN 51 603 parts 1 - 5) and mineral oil-base hydraulic oils</li> <li>Very flexible but still robust, due to flat corrugated cover</li> </ul>

STANDARD CHEMICAL SERVICE HOSE	I.D.	W.P.	Temp.	Application
	1" - 10"	200 - 250 psi	-40°F to +212°F	<ul style="list-style-type: none"> <li>Specifically designed for in-plant liquid transfer operations as well as tank truck delivery and rail car loading</li> <li>Constructed with multiple plies of polypropylene films and polyester vapor barriers</li> <li>Rated for full vacuum</li> </ul>

## Steam Hose

SUPER INFERNO	I.D.	W.P.	Temp.	Application
N2861 	¾" - 3"	250 psi	-40°F to +450°F	<ul style="list-style-type: none"> <li>High-pressure steam hose for saturated steam at 450°F</li> <li>Heavy-duty construction with a 20:1 burst pressure for increased user safety</li> <li>Smooth, seamless extruded chlorobutyl (CIIR) tube for excellent resistance to popcorning and blistering</li> <li>Longer service life and reduced downtime</li> </ul>



## Steam Hose

INFERNO	I.D.	W.P.	Temp.	Application
N2711	½" - 3"	250 psi	-40°F to +450°F	<ul style="list-style-type: none"> <li>Developed for use in construction chemical and petroleum industries</li> <li>Best value in terms of performance relative to price</li> <li>Easy identification by its red cover and yellow mylar stripe</li> <li>Can also be used as a hot water transfer hose</li> <li>High-pressure steam hose for saturated steam at 450°F</li> </ul>




THERMOFLEX RED	I.D.	W.P.	Temp.	Application
N2712	½" - 2"	250 psi	-40°F to +450°F	<ul style="list-style-type: none"> <li>Economical choice for use in harsh oilfield environments and general steam/boiler service</li> </ul>



## Specialty Hose & Pipe

### Metal Hose Products

FURNACE DOOR HOSE	I.D.	W.P.	Temp.	Application
	1.5"	250 psi	Various Heat Shielding Material such as Aramid (600 °F External Temperature) and Fiberglass (1000 °F External Temperature)	<ul style="list-style-type: none"> <li>Primarily used as a water coolant hose for furnace doors</li> <li>Specifically engineered for demanding environments such as steel mills, glassworks, and other high-heat operations.</li> <li>Offers exceptional resistance to radiant heat, open flames, and splashes of molten metal.</li> <li>Additional Option: 304 SS Braid for Molten Splatter Protection; Fry Sil Fire Jacket for Flame &amp; Molten Splatter Protection.</li> </ul>



LGG Industrial can fabricate metal hoses to accommodate your custom application requirements, including:

- C276
- Monel
- Inconel
- 316L/304 Stainless Steel

# Specialty Hose & Pipe

## Metal Hose Products

### Comprehensive Welding Program

We have the most comprehensive welding program in the industry that was created in partnership with metallurgists, inspectors, and subject matter experts in the chemical manufacturing industry. This partnership has created a proprietary fabrication and inspection process that increases mechanical integrity, reduces risk, and creates a lower total cost of ownership.

### ASME B31.3 Section IX Qualified

Our welders are ASME B31.3 Section IX qualified and maintain welding logs. This log helps us maintain the 5% random radiography requirement set forth within our industry.

## PTFE Hose

PTFE is highly chemical-resistant, and we have the capabilities to fabricate flare thru PTFE hose in-house. We can flare thru the end fittings of a hose to create a seamless PTFE layer for ultimate chemical compatibility. This is necessary in applications where corrosion of metals is likely. We can fabricate these hoses with rubber covers or utilize a variety of braid types:

- Polyvinylidene Fluoride (PVDF)
- Polypropylene (PP)
- Stainless Steel
- Monel
- C276



## ULTRA 600™ Induction Hardened Pipe

In mining and slurry transport, pipe failure isn't an option. ULTRA 600™ is engineered to withstand extreme abrasion, high solids content, and continuous flow conditions—delivering longer service life where conventional pipe falls short.

### Why ULTRA 600™ for Mining & Slurry?

- 50–65 HRC internal hardness protects against aggressive slurry erosion, dramatically extending pipe life.
- A ductile outer wall (14–32 HRC) absorbs impact and resists cracking in harsh mining environments.
- Rated at 90,000 psi tensile and 60,000 psi yield strength—ideal for high-pressure slurry lines.
- Longer wear-life means fewer change-outs, minimizing costly shutdowns and labor.
- Performs in temperatures from -6°C to 232°C (20°F to 450°F) and handles demanding operating cycles.
- Precision fit-up and custom spooling reduce installation time in the field.
- Every pipe is serialized, tested, and verified, ensuring consistent, reliable performance.



## Polyurethane Pipe and Fittings

These custom urethane pipes and fittings are made from a specially formulated polyurethane that is an extremely durable and versatile material. This solution can be especially beneficial in your potash gravity feed lines by limiting replacement costs and lowering your overall total cost of ownership.

### Benefits include:

- Handling flexibility & ease of installation: quick & simple assembly due to polyurethane's light weight
- Chemical resistance: unaffected by contact with most chemicals and capable of working in both caustic (10ph) and acidic (5ph) environments
- Abrasion resistance: rated 10 times better than carbon steel and 15 times better than polyethylene
- Less material buildup: a low coefficient of friction equates to cleaner pipe walls
- Translucent design: blockages readily seen for easier cleanout
- Conformation with schedule 80 pipe dimensions: matches bolt holes, diameters, etc. of steel pipe
- Greater wall thickness: extensive durability and extended life
- Coupling built into finished part: less labor and smaller on-hand supply needed



## Industrial Hose Accessories

### FloMax Fuel Nozzles

FloMax diesel fuel nozzles are specialized high-flow nozzles designed for the on-site refueling of large equipment in industries like construction, mining, and agriculture.



### MannTek Dry Disconnects

Designed for the quick and spill free connection and disconnection of hoses and pipelines. Dixon MannTek Dry Disconnect Couplings transfer liquids and gases in an economical, safe, and environmentally friendly way.



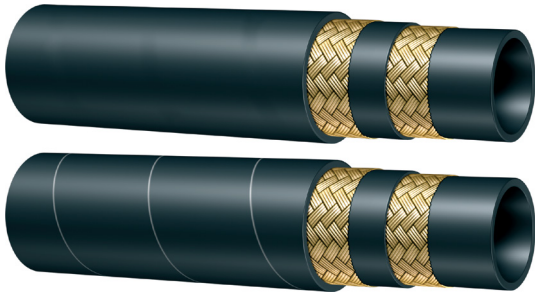
### Rapp-It Pipe Repair Kit

Reduce costly downtime with Rapp-It, the ultimate pipe repair system. No mixing or measuring required. Rapp-It sets rock hard in 30 minutes and can even be applied underwater.



# Hydraulic Hose & Accessories

## // 241T SUPERSLIMLINE - HI-TUFF



MSHA

### EN 857 2SC (up to 1") - ISO 11237 - SAE 100 R16

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** two high tensile steel braids.

**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

**WP (psi):** 1820 - 6000

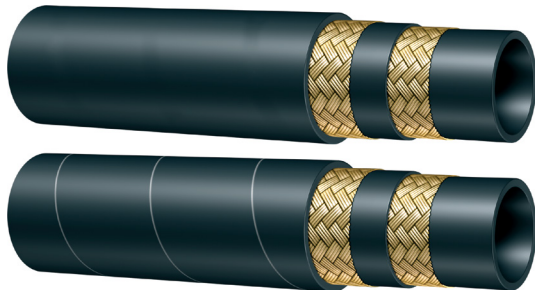
**ID (in):** ¼" - 1.25"

**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

**Length:** random up to 1" - 61 m max over 1-¼"

## // 241R SUPERSLIMLINE - HI-TUFF HP



MSHA

### EN 857 2SC (up to 1") - ISO 11237 - SAE 100 R16

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** two high tensile steel braids.

**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

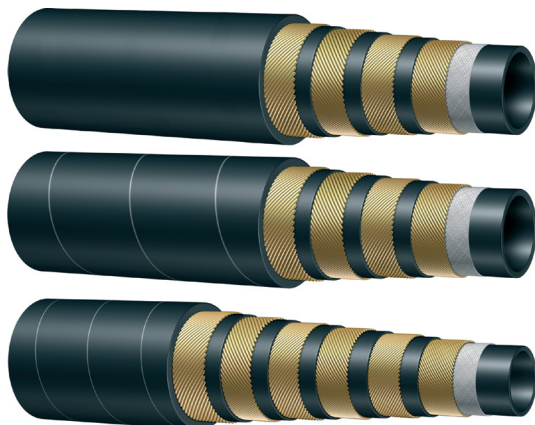
**WP (psi):** 3630 - 5000

**ID (in):** ½" - 1"

**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

## // POWERFLEXBIO EXTRA 5000 - HI-TUFF **NEW**



MSHA

### exceeds ISO 18752

**Tube:** petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

**Reinforcement:** four/six high tensile steel spirals.

**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

**WP (psi):** 5000

**ID (in):** 5/8" - 2"

**Temperature:** -40 °C +121 °C (-40 °F +250 °F)

## // POWERFLEXBIO EXTRA 6000 - HI-TUFF **NEW**



MSHA

### ISO 18752 - exceeds SAE 100 R15

**Tube:** petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

**Reinforcement:** four/six high tensile steel spirals.

**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

**WP (psi):** 6000 - 6550

**ID (in):** ¼" - 2"

**Temperature:** -40 °C +121 °C (-40 °F +250 °F)

## // 241X SUPERSLIMLINE - TUFLEX



MSHA

### EN 857 2SC - ISO 11237 - SAE 100 R16

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** two high tensile steel braids.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber. Special "tuflex" cover for excellent abrasion resistance and long service life in heavy duty applications.

**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

**WP (psi):** 3000 - 6000

**ID (in):** ¼" - 1"

**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

## // FLEXOR R4 634



### Extra flexible

#### SAE 100 R4

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** high tensile textile cords with embedded steel helix wire.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** fuel, oil and hydraulic fluids with 50% max aromatic content suction and delivery. Specially designed for hydraulic oil return lines requiring tight bend radius.

**WP (psi):** 100 - 300

**ID (in):** ¾" - 2"

**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

## // GAFLO 661 R4 HT



MSHA

### High Pressure - High Temperature

#### SAE 100 R4

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** high tensile textile cords with embedded steel helix wire.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.

**Application:** fuel, oil and hydraulic fluids with 50% max aromatic content suction and delivery. Specially designed for high temperature applications and hydraulic oil return lines requiring tight bend radius.

**WP (psi):** 240

**ID (in):** 2.5" - 4"

**Temperature:** -40 °C +135 °C (-40 °F +275 °F)

# Hydraulic Hose & Accessories

## Corrosion Resistant Fittings

Dunlop Hiflex hydraulic fittings feature a proprietary ALFAGOMMA Top Coat (ATC) plating, providing superior corrosion resistance

- Tested in accordance with ASTM B117-03 and UNI ISO 9227 standards
- Over 500 hours corrosion prevention in salt spray fog to white rust
- More than 1000 hours corrosion resistance to red rust

THE SUPERTUFF COAT  
RESISTS 400 HOURS  
IN SALT SPRAY FOG



THE NEW TOP COAT  
INTRODUCED BY ALFAGOMMA  
RESISTS MORE THAN  
1000 HOURS IN SALT SPRAY FOG



## Hydraulic Crimpers and Accessories

LGG Industrial has a full crimper program available along with a full range of accessories including crimpers, dies, pumps, hose racks, hose saws, die racks, and much more.



## Finn-Power Traceability Solutions

LGG Industrial, together with Finn-Power, delivers a complete hose fabrication solution designed to ensure quality control and full traceability throughout the production process.

The ICC connectivity package integrates with other factory systems, enabling electronic recipe management, online job queue control, and real-time production tracking.

When combined with equipment such as hose tags, the Smart Die Rack, and the ICC4 Graphical Quality Control system, it helps prevent bad crimps and provides full traceability for every hose assembly from start to finish.

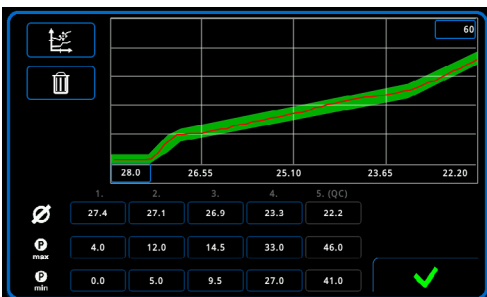


### Heavy Duty ClearWraps

- Certags Heavy Duty ClearWraps are engineered for reliable hose identification in high-demand industrial environments.
- Self-laminating wraps are ideal for high-volume environments where long-lasting, legible labeling is essential.

### Smart Die Rack

- Smart Die Rack reduces human error during die set changes.
- Locks all die sets and allows selection only of the correct die set specified by ICC control.
- Indicator lights identify the correct die set and open holders for faster changes.
- Designed for 32-series and 20-series die sets and requires ICC control.



### ICC4 Graphical Quality Control

- Patented integrated graphical quality control monitors the entire crimping process.
- Detects issues in real time and stops the process if a problem occurs.
- Automatically records crimping parameters and quality data.
- Improves production efficiency while preventing faulty assemblies and reducing additional testing.
- Allows for individual user management with different user rights

# Hydraulic Hose & Accessories

## CLEAN SEAL SYSTEM™



Once cleaned, protect your assemblies with Clean Seal Capsules. Using heat-shrink technology, each capsule forms a tight, secure, contamination-proof seal.

- Keeps assemblies 100% contamination-free
- Eliminates risks from loose caps and plugs
- No particle shedding or poor fit issues
- Only 19 sizes cover most applications
- Options available for angled (45° / 90°) fittings



At Castrol®, everything we develop is driven by understanding the challenges our customers face. We develop advanced lubricant technology to help our customers overcome these challenges. We apply our expertise, environmental leadership and global reach to provide solutions for maximum reliability and performance.

# Hose Management Program



## Hose Management Service Offering

LGG Industrial offers a complete hose management program, including on-site testing and recertification for asset management systems. Hose management helps ensure that hoses are safe for employees and reduces downtime. Our services include:

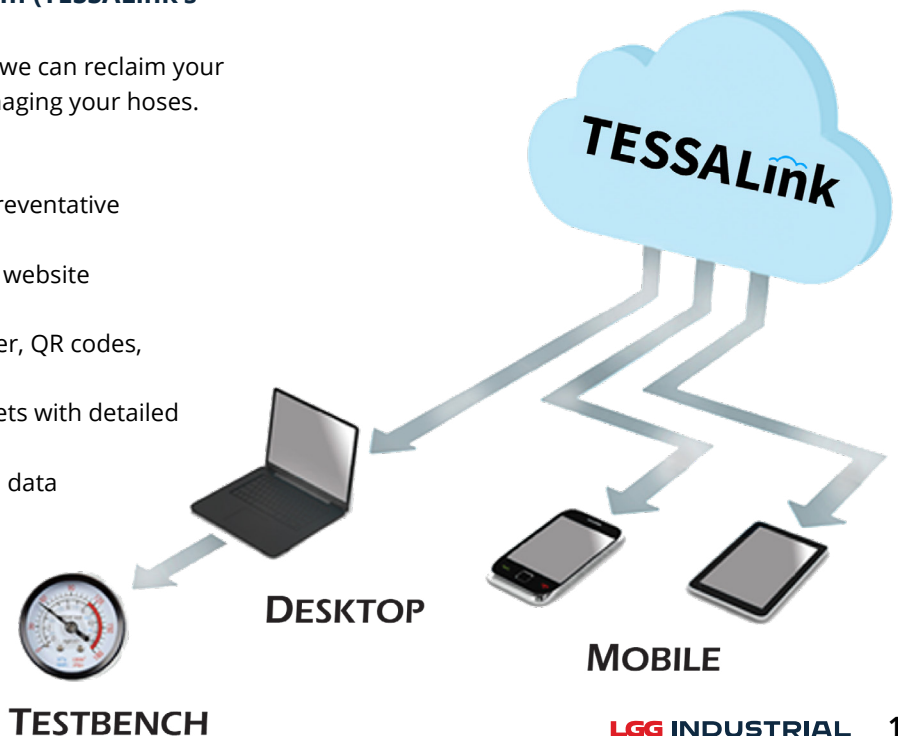
- On-Site Hose Audits
- Testing and Re-Certification
- Education and Continuous Improvement Training

### Asset Tracking and Management System (TESSALink's CertNet)

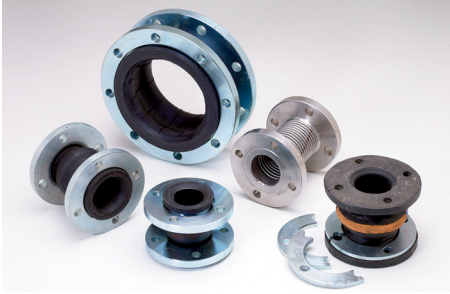
With LGG Industrial's Asset tracking software, we can reclaim your time and take on the task of tracking and managing your hoses.

Our capabilities include:

- Life cycle tracking and management
- Alerts for re-certification or scheduling of preventative maintenance of hoses
- Testing certifications on demand via app or website
- Unique serialization of hose assets
- Customer specific tagging with serial number, QR codes, Barcodes or RFID chipping
- Customer specific reporting on all hose assets with detailed data available
- Record keeping of all testing and inspection data



# Expansion Joints



LGG Industrial provides the chemical industry with a full range of expansion joint types, including PTFE, metal, rubber, and fabric. We work closely with the industry's largest and highest-quality expansion joint suppliers, which allows us to meet any expansion joint requirement.



## PTFE Expansion Joints

Our extensive range of molded PTFE joints and PTFE-lined rubber joints cater to diverse piping applications, offering exceptional resistance to chemicals and high temperatures.



## Rubber Expansion Joints

LGG Industrial provides everything from standard-size piping joints to custom sizes, lengths, offsets, and angles to meet unique piping configuration needs.



## Metal Expansion Joints

Our expertise extends from standard stainless steel piping joints to highly engineered solutions utilizing exotic metals and custom hardware, ensuring optimal performance in even the most demanding applications.



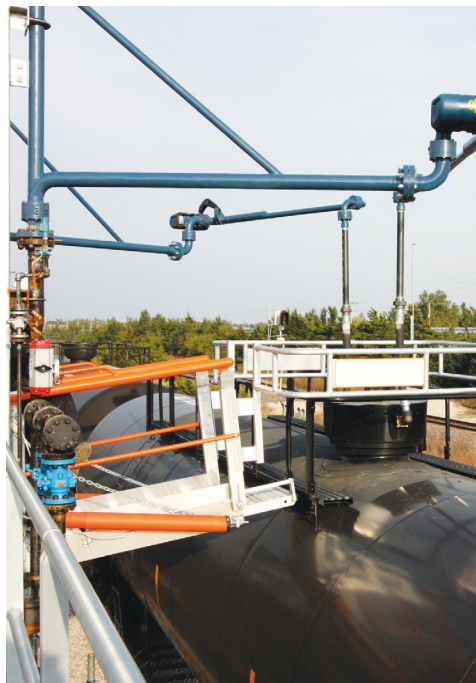
## Fabric Duct Joints

We offer a wide range of Fabric Duct Joints designed to withstand extreme temperatures and address unique ducting challenges.

# Loading Arms

We can supply a full line of loading arms and accessories including:

- A-Frame Loading Arms
- Counterweight Loading Arms
- Fixed Reach Horizontal Loading Arms
- Horizontal Hose Loader
- Scissor Style Loading Arms
- Telescoping Loading Arms
- Unsupported Boom Style Loading Arms
- Swivel Joints including:
  - Cap Seal
  - Loading Arm
  - O-Ring
  - Split Flange
  - V-Ring



# Conveyor Belting & Accessories

## Heavyweight Belting

- Elevator Belts / Buckets
- Feeder Belts / Sidewall Belts
- Specialty Belting Products
- Fabric/Steel Cable Construction

## Lightweight Belting

- Thermoplastics
- Monofilaments
- Urethane/PVC
- Rough Top /Incline Profiles
- Cleats
- V-guides
- Cleated / Profile Belting

## Conveyor Belt Accessories, Including:

- Idlers
- Pulleys
- Belt Cleaners
- Lagging
- Mechanical fasteners
- Skirtboard / Wiper Rubber
- Impact and slider beds
- Chute liners
- Safety cages and doors
- Cold bond cements and repair kits
- Dust Suppression Systems



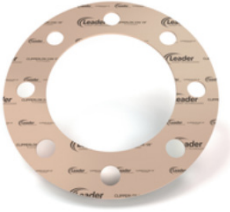

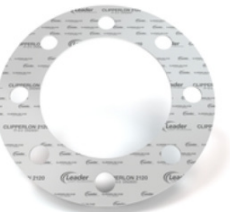

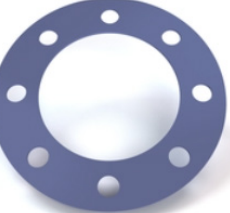
## Luff Industries Conveyor Components





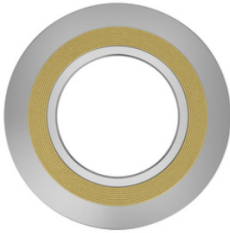

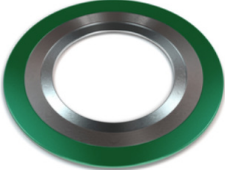

Luff Industries Ltd. is a global manufacturer of high-performance conveyor components, delivering reliable solutions since 1980. Known for innovative idlers with patented polymer endcaps and durable pulleys with industry-leading rim thickness, Luff products are built to enhance conveyor efficiency. With a fast 5-day manufacturing turnaround, advanced production technology, and a full 2-year warranty, Luff helps companies reduce downtime and keep operations running smoothly worldwide.

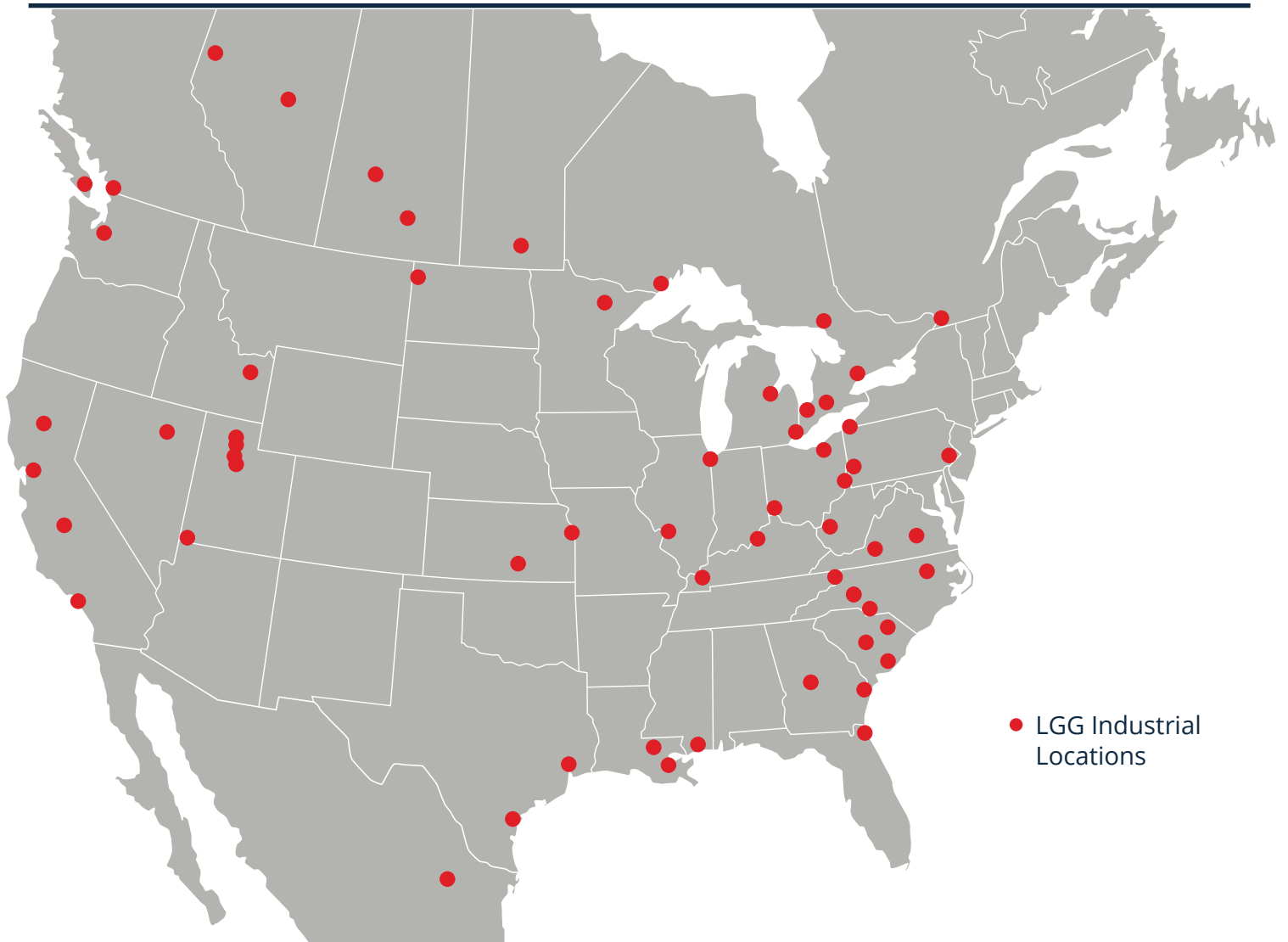


# Gasket Products

MATERIAL	PHOTO	TYPE	DESCRIPTION	TYPICAL USE
PTFE / Modified PTFE		Clipperlon 2100	<ul style="list-style-type: none"> <li>Modified PTFE sheet (gasket) with silica filler</li> <li>Universal grade with good coldflow resistance and stress retention even at elevated temperatures.</li> <li>Suitable for steel flanges</li> </ul>	CIP/CIL; Precipitation Tanks; Chemical Solution Tanks; Mixing Tank; Acid Tanks
		Clipperlon 2110	<ul style="list-style-type: none"> <li>Modified PTFE sheet (gasket) with hollow glass microsphere filler</li> <li>Outstanding sealing properties at lower seating stress</li> <li>Suitable for steel flanges and lower strength flanges</li> </ul>	
		Clipperlon 2120	<ul style="list-style-type: none"> <li>Modified PTFE sheet (gasket) with barium sulfate filler</li> <li>Barium sulfide filled sheet particularly suitable for hydrofluoric and chlorine applications approved by Chlorine Institute</li> <li>Suitable for steel flanges</li> </ul>	
ePTFE 2130		Clipperlon 2130	<ul style="list-style-type: none"> <li>Industrial grade Multidirectional 100% ePTFE sheet [gasket] with no added fillers. Joint Sealant and Tape forms available</li> <li>Very good adaptability and tightness with good blow out resistance in demanding flange applications</li> <li>Suitable for steel flanges and low loading flanges (i.e. FRP and Glass Lined)</li> </ul>	Weak flanges, low stress, manway flanges
Sheet and Cut gasket Rubber		SBR; Neoprene; Nitrile; Viton	<ul style="list-style-type: none"> <li>Temperature ranges from -32 to 400 Degrees F. Can be used in steel flat faced and raised face flanges</li> </ul>	Low pressure flanges; Waste Water; Manway Tanks

# Gasket Products

MATERIAL	PHOTO	TYPE	DESCRIPTION	TYPICAL USE
Graphite GR-T, GR-F, GR-H		Flexible Graphite	<ul style="list-style-type: none"> <li>Purified natural graphite flake compressed into sheets that can come homogeneous, wire inserted, and either .002" thick or .004" stainless steel metal insert. Good to 832F and high pressures depending on application</li> </ul>	Steel flanges, high temp
Mica LeaderTherm NXT		LeaderTherm NXT1000	<ul style="list-style-type: none"> <li>A filler for spiral wound gaskets for critical high temperature services. The gasket consists of specially treated phlogopite mica in combination with a profiled metal winding.</li> </ul>	Oxidizing atmosphere, high temp application such as furnace, drying area's, Smelters, ehaust systems
		LeaderTherm NXT1010	<ul style="list-style-type: none"> <li>Kammprofile gaskets for critical high temperature services. The gasket consists of specially treated phlogopite mica as facing material for Kammprofile gaskets</li> </ul>	
		LeaderTherm NXT1020	<ul style="list-style-type: none"> <li>Homogeneous sheet gasket material for critical high temperature services. The gasket consists of specially treated phlogopite mica for cut gaskets.</li> </ul>	
Spiral Wound/ Kammprofile/ Corrugated Metal		SRI; SR;R style with graphite, PTFE, Leader THERMNXT filler	<ul style="list-style-type: none"> <li>Multiple filler styles with multiple steel selections from 304, 316, Hastelloy C, Titanium, and others</li> </ul>	Utilities, steam, high pressure and higher temperatures.
Braided Packing		High Temperature valve stem packing, Emission packing, and pump packing	<ul style="list-style-type: none"> <li>Synthetic fiber with graphite or PTFE lubrication, Graphite robe and die formed rings</li> </ul>	All areas



**LGG Industrial offers a complete line of products including:**

- Fluid Transfer Solutions
- Fluid Power Hose Solutions
- Material Handling Solutions
- Sealing Solutions

**LGG Industrial Industries Served:**

- |                   |                    |                            |
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| • Agriculture     | • OEM              | • Refining & Petrochemical |
| • Chemical        | • Oil & Gas        | • Rental                   |
| • Food & Beverage | • Power Generation | • Tire                     |
| • Grain           | • Primary Metals   |                            |





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