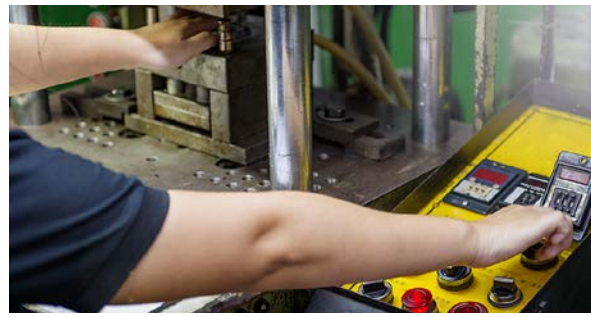




Injection Molding Hose & Fittings



JGB[®] *Your Hose and Fittings Connection*
enterprises inc.

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Hydraulic Hose

J-FLEX® 2M 2SN/SAE 100R2AT HOSE

For medium-high pressure hydraulic systems in industry and agriculture.

Sizes:	Available in 1/4" to 2" IDs
Tube:	Synthetic rubber, resistant against hydraulic fluids
Reinforcement:	Two braids of high tensile steel wire
Cover:	MSHA Approved. Abrasion and ozone resistant synthetic ru 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
Working Pressures:	1160 to 5800 psi



** J-FLEX® is a JGB Private Brand Hose*

J-FLEX® 4 SAE 100R4 HOSE

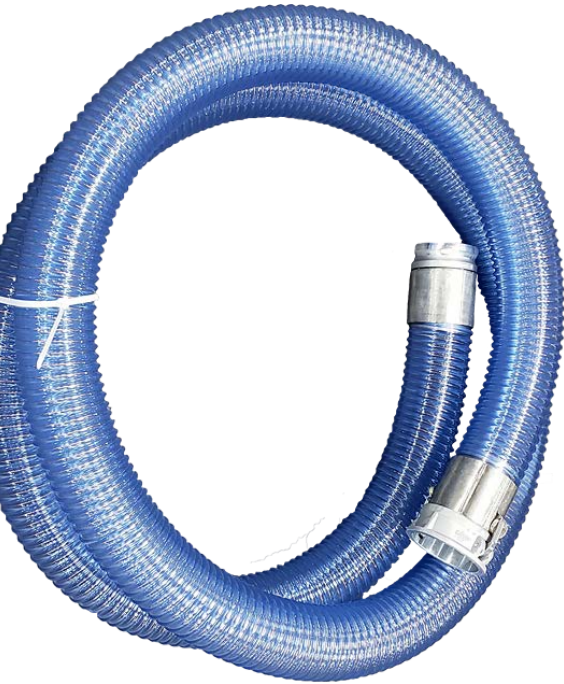
Used in hydraulic systems to return the oil to tank for reuse. Resistant to aromatic content < 40%.

Sizes:	3/4" to 3" IDs
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
Standard Notice:	SAE 100R4
Working Pressures:	56 to 300 psi



** J-FLEX® is a JGB Private Brand Hose*

Material Handling Hose



EAGLE CLEARVAC-SW HOSE

Heavy-duty, food grade suction hose with embedded copper grounding wire for dry or wet material applications including plastic processing equipment - pneumatic conveying of lightweight solids such as powders and plastic pellets. Hose complies with all applicable FDA requirements for use in meat and poultry plants. Clear PVC and clear helix construction allows for visual confirmation of material flow. Smooth bore eliminates material build up. Heavy corrugation provides high flexibility. Embedded wire prevents static electricity build up.

- Sizes:** 1-1/2" to 4" IDs
- Tube:** Corrugated, clear, flexible PVC with smooth bore and a rigid, clear PVC right-handed helix with embedded copper wire for static dissipation
- Reinforcement:** Rigid PVC Helix
- Temperature:** -4°F to 150°F
- Working Pressures:** 35 to 50 psi @ 68°F
- Vacuum:** 24 to 28 psi
- Safety Factor:** 3 to 1



Material Handling Hose



tigerflex®

Phthalate
FREE



TIGERFLEX - WE™ SERIES PVC MATERIAL HANDLING HOSE (WITH GROUNDING WIRE)

Designed for plastic processing equipment, pneumatic conveying equipment, material handling - standard duty, and pharmaceutical product transfer.

Sizes:	Available in 1" to 8" IDs
Construction:	PVC Tube with Rigid PVC Helix and Grounding Wire
Temperature:	-4°F to 150°F
Working Pressures:	10 to 55 psi

Features and Advantages:

- **Superior Product Design** – Tigerflex™ WE™ series hoses are an industry standard for pneumatic material handling, due to our specially engineered compound, innovative design and uncompromising quality control. Provides the ideal combination of light weight, flexibility and durability.
- **Food Grade Materials** – Hose complies with applicable FDA requirements. Hose approved by USDA for use in meat and poultry plants.
- **Grounding Wire** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It's embedded within the rigid helix to prevent contamination of transferred materials.
- **Transparent Construction** – "See-the-flow." Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

BSE/TSE⁽⁰²⁾, FDA⁽⁰³⁾, Phthalate Free⁽¹⁰⁾, RoHS⁽¹¹⁾, USDA⁽¹²⁾



tigerflex®

Phthalate
FREE



TIGERFLEX - WT SERIES - (LOADER HOSE)

Designed for plastic processing equipment, pneumatic conveying equipment.

Sizes:	Available in 1" to 8" IDs
Tube:	PVC tube
Reinforcement:	Rigid PVC helix
Cover:	Convuluted outer cover
Temperature:	-4°F to 150°F
Working Pressures:	20 to 55 psi



Features and Advantages:

- **Superior Product Design** – Tigerflex™ WT™ series hoses are an industry standard for pneumatic material handling due to our specially engineered compound, innovative design and uncompromising quality control. Provides the ideal combination of light weight, flexibility and durability.
- **Food Grade Materials** – Hose complies with applicable FDA(03) and 3-A(01) requirements. Hose approved by USDA(12) for use in meat and poultry plants.
- **Transparent Construction** – "See-the-flow." Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

3A⁽⁰¹⁾, BSE/TSE⁽⁰²⁾, FDA⁽⁰³⁾, Phthalate Free⁽¹⁰⁾, RoHS⁽¹¹⁾, USDA⁽¹²⁾

Material Handling Hose

EAGLE TANK TRUCK® 150 HOSE

Designed for use in tank truck, bulk petroleum stations, and in plant oil service.

Sizes:	1-1/2" to 8" IDs
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
Branding:	EAGLE TANK TRUCK® SERVICE 150 PSI WP
Temperature:	-40°F to + 180°F
Working Pressures:	150 psi

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



EAGLE HOT AIR® BLOWER HOSE

Designed for conveying of hot air from blower or compressor to tanks on dry bulk material carriers.

Sizes:	3" & 4" IDs
Tube:	Black EPDM
Reinforcement:	Multiple plies of high tensile textile with dual steel wire helix
Cover:	Black EPDM
Branding:	EAGLE HOT AIR® BLOWER 150 PSI / 400 DEG. F. MAX
Temperature:	-40°F to + 400°F
Working Pressures:	150 psi

- 100 ft. lengths
- 3" ID is full vacuum



Material Handling Hose



EAGLE 700 METAL HOSE

EAGLE 700 Metal Hose Assembly with SS 316 Flanges - Hydro Formed

- Sizes:** Available in 1" to 12" IDs
Construction: SS 316L Corrugated Flexible Hose with SS 304 Double Wire Braiding
Safety: 4:1
Couplings: TIG Welded with 150# SS 316 Swivel flanges at both ends with SS 316 Sch.40 Stub end.
Working Pressures: 151 to 1137 psi

Quality Certifications & Testing:

- Hydrostatic and pneumatically tested
- ISO 14001:2004
- PED Certified
- 10 or 20 ft. lengths available



PENFLEX INTERLOCKED METAL HOSE (CONVEYOR)

Penflex conveyor hoses are excellent for applications involving the pneumatic transmission of flake or pelletized plastics, grain, coal dust, slag and other dry granular or abrasive materials. It can be used for the loading or unloading of ships, barges, containers, silos, elevators, highway and rail cars.

Smooth Bore Conveyor Hose:

Smooth Bore conveyor hose is produced in a size range from 1 1/2" to 20" inside diameters. Because Smooth Bore conveyor hose is manufactured using two separate pieces of metal strip, the completed hose can be composed of two different types of material. TLSS is an all stainless steel construction for maximum corrosion and abrasion resistance. Smooth Bore conveyor hose is a uni-directional flow hose; make sure that the inlet and outlet end connections are specified.

Smooth Bore Conveyor Hose features rugged interlocking construction plus an integral metal strip lining. This lining provides Smooth Bore conveyor hose with a smooth bore that minimizes impaction and reduces turbulence for free flowing transmission of materials. Smooth Bore conveyor hose can also be produced with the inclusion of packing in the interlocks to reduce air loss and for low pressure requirements.



Air & Multipurpose Hose

EAGLE AIR EPDM - (CIRCULATOR HOSE)

An economical multi-purpose air and water hose suitable for a wide range of industrial, construction and agricultural applications.

Sizes:	1/4" to 1-1/2" IDs
Tube:	EPDM, black, antistatic, smooth
Reinforcement:	2 textile spiral (4 spiral in 1-1/2")
Cover:	EPDM, red, resistant to heat, sunlight, ozone and weather
Temperature:	-40°F / +212°F
Packaging:	Reel-Core Plastic Reels
Safety Factor:	4:1
Max WP:	300 psi



CONTINENTAL CONTITECH FRONTIER HOSE

An economical air and water hose for a wide range of industrial, construction and agricultural applications. Available in 200, 250 and 300 psi working pressures.

Sizes:	3/16" to 2" IDs
Tube:	EPDM synthetic rubber, ARPM Class C (Limited Oil Resistance)
Reinforcement:	Spiral synthetic yarn, 2" is braided
Cover:	EPDM Synthetic Rubber, ARPM Class C (Limited Oil Resistance)
Temperature:	-40°F to 210°F
Packaging:	Plastic Reels
Colors:	Available in blue, yellow, black or red
Max WP:	200, 250 or 300 psi



Air & Multipurpose Hose

EAGLE SHOP AIR HOSE

An economical multi-purpose air and water hose suitable for a wide range of industrial, construction and agricultural applications.

Sizes:	3/8" IDs
Application:	Air compressor hose
Tube:	SBR + NR
Reinforcement:	2 Spiral Polyester Yarns
Cover:	EPDM
Temperature:	-22°F to +176°F
Branding:	3/8" EAGLE AIR 300PSI MAX WP #Q##
Oil Resistance:	Limited
Packaging:	50 ft. length each with shrink film
Couplings:	1/4 NPT x 18 Fitting at both ends
Color:	Red
Standard Length:	50 ft.



CONTINENTAL CONTITECH VARIFLEX™ HOSE

A good-quality, economical general purpose hose for industrial air service, compressor lines, pneumatic tools, low-pressure spray and many other applications where the need for oil resistance is high. Non-conductive, minimum electrical resistance greater than one (1) megohm per inch of length of hose at 1000 V DC. Available in 200 and 300 PSI working pressures.



Sizes:	1/4" to 2" IDs
Tube:	Nitrile Synthetic Rubber, ARPM Class A (High Oil Resistance)
Reinforcement:	Spiral Synthetic Yarn (3/16"-1½"), Braided Synthetic Yarn (2")
Cover:	Chemivic™ Synthetic Rubber, ARPM Class A (High Oil Resistance) Spiral Synthetic Yarn (3/16"-1½"), Braided Synthetic Yarn (2")
Temperature:	-20°F to 210°F
Branding:	Example: VariFlex™ Non-conductive 1/2" (12.7 mm) 200 psi WP Made in USA Continental ContiTech
Packaging:	Reels
Couplings:	(Ready 2 Go logo)- Coupled assemblies available in Red.
Standard Length:	50 ft.

Air & Multipurpose Hose

CONTINENTAL CONTITECH INSTA-GRIP™ 300

For use with push-on fittings at working pressures of 300 psi. For low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance and automotive assembly applications. Non-conductive, minimum electrical resistance, greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers.

- Sizes:** 3/16" to 3/4" IDs
- Tube:** Chemivic™ oil and heat-resistant synthetic rubber, ARPM class A (high oil resistance) [Silicone is not used in the manufacturing of this hose.]
- Reinforcement:** One braided high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability.
- Cover:** Black, green, blue, red, yellow and gray (contact customer service for more colors); MSHA approved, weather-, abrasion- and oil-resistant synthetic rubber. ARPM class B. (medium oil resistance)
- Temperature:** -40°F to 210°F
- Branding:** Example: Insta-Grip™ 1/4" 300 psi WP Flame-resistant USMSHA 2G-IC-14C/33 Made in USA Continental ContiTech
- Packaging:** 500' reels, maximum 4 pieces, 10' minimum



Continental

GATES - LOL LOCK-ON HOSE

For petroleum-based hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils, and air. Suitable for low-pressure cleaning and pneumatic systems, return lines and low pressure lines.

- Sizes:** 1/4" to 3/4" IDs
- Tube:** Black, oil resistant, synthetic rubber highly resistant to oil and heat (Nitrile).
- Reinforcement:** One fiber braid.
- Cover:** Oil and abrasion resistant synthetic rubber (Nitrile and PVC). Available in black Polychloroprene (LOLA), blue (LOLB), green (LOLG), red (LOLR), yellow (LOLY) and gray (LOLC) colors.
- Temperature:** -40°F to 212°F
- Colors:** Black*, blue, gray, green, red, yellow
- WP:** 300 PSI
- Design Factor:** 4:1
- Standards:** Black cover meets MSHA Flame-resistant.
Tube: ARPM (Class A) High oil-resistance.
Cover: ARPM (Class B) Medium oil-resistance.



Gates



Lock-On hose and couplings are not recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Not recommended for gasoline or diesel fuels.

* Black Cover Only Meets Flame Resistance Acceptance Designation MSHA 2G.

Air & Multipurpose Hose

GATES - PLANT MASTER® XTREME™ 300 LOCK-ON BRAID

For petroleum-based hydraulic oils, water, glycol anti-freeze solutions, hot lubricating oils, and air.

Sizes:	1/4" to 3/4" IDs
Tube:	Type C Nitrile, Black.
Reinforcement:	Braided, high tensile synthetic textile cord.
Cover:	Type C2 (Modified Nitrile)
Temperature:	-40°F to 212°F
Colors:	Black, blue, gray, green, red, yellow
WP:	300 PSI
Design Factor:	4:1
Standards:	Black cover meets MSHA Flame-resistant. Tube: ARPM (Class A) High oil-resistance. Cover: ARPM (Class B) Medium oil-resistance.



Hose and couplings are not recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Not recommended for gasoline or diesel fuels.

EAGLE AIR WIRE REINFORCED - 600 PSI

Heavy duty air hose for use in mines, construction and industrial applications where maximum service is required.

Sizes:	2" to 6" IDs
Tube:	Blend of SBR and NBR, black, smooth, suitable for water and air, resistant to oil mist
Reinforcement:	Brass coated steel wire
Cover:	Blend of EPDM and SBR, 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.
WP:	600 PSI



Features:

- High safety against bursting, robust, long lasting



Ducting Hose



*Iron-oxide Coated Fabric on Fiberglass Substrate
with Steel Wire Helix, Sewn Construction*

Features:

- Constructed to withstand the effects of prolonged heat subjection
- Flame resistant in accordance with UL94VTM-O

ENVIRODUCT®

ENVIRODUCT® UHT (ULTRA-HIGH TEMPERATURE)

For extreme temperature air ducting & portable heater ducting with high heat content.

Sizes:	6" to 36" IDs	
Weight:	24 oz./yd. ²	
Standard Pitch:	Pitch	Diameters
	3"	6" & 7"
	4"	8" - 36"
Wire:	Hard-Drawn Steel	
Temperature:	-65°F to 900°F Intermittent to 1500° F	
Color:	DEEP RED	
Inside Diameter:	6" - 36"	
Length:	15', 25'	
Standard End Finish:	Soft Cuff	



Silicone Rubber-Coated Fiberglass with Steel Wire Helix

Features:

- Maintains its structural integrity under temperature duress
- Superior performance at both high and low temperatures

ENVIRODUCT®

ENVIRODUCT® SILVER SILICONE

For extreme high or low temperature control & portable heating with moderate to high heat content.

* Not recommended for aircraft ground support applications.

- Sewn Construction
- Insulated and non-insulated available
- Ideal for moderate to high heat applications
- Maintains its structural integrity under temperature duress
- Superior performance at both high and low temperatures

Sizes:	6" to 36" IDs
Weight:	17.5 oz/yd ²
Standard Pitch:	3" for 6" & 7" Diameters 4" for 8" & Larger Diameters
Expanded Pitch:	6" for 12" or Larger Diameters
Wire:	Hard-Drawn Steel
Temperature:	-67° to 500° F
Color:	Silver Gray
Inside Diameter:	6" - 36" Larger diameters available upon request.
Length:	15', 25'
Optional End Finish:	Belt Cuff, Wire Rope Coupling, Soft Cuff

Ducting Hose



*Thermoplastic Urethane with Steel Wire
Helix, Heat-Sealed Construction*

Features:

- Durable abrasion resistance
- High tensile strength
- Superior flexibility at low temperatures
- Solvent-free, odor-free
- Not subject to common bond failure
- Resistant to oil and ozone

THERMOHOSE® THU



For conveying applications & light, medium & heavy material handling

- Heat-sealed construction
- Durable abrasion resistance
- High tensile strength
- Superior flexibility at low temperatures
- Solvent free, odor free
- Not subject to common bond failure
- Resistant to oil and ozone

Thickness:	25 mil
IDs:	2" - 30"
Standard Pitch:	.5" for 2" Diameters .75" for 3" Diameters 1" for 4" - 30" Diameters
Wire:	Hard-Drawn Steel
Temperature:	-65° to 280° F
Color:	Black, Clear (FDA Grade), Translucent Blue
Lengths:	25" Custom lengths available upon request.

Fittings



STRAIGHT-THROUGH COOLANT LINE CONNECTORS

Designed for connecting coolant lines to molds and dies on injection molding machinery and die casting equipment. These couplings significantly reduce downtime, by providing a quick and easy way to connect and disconnect lines during mold changes. Straight through & single shut-off – Straight, 90°, 45°.



HYDRAULIC QUICK COUPLINGS - MOLD COOLANT

Specifically designed for hydraulically operated molds. Materials: Steel, Brass, or Stainless Steel with spring, balls & retaining ring. 1/4" to 1" IDs. Buna-N seals are 1/8" to 1" sizes.

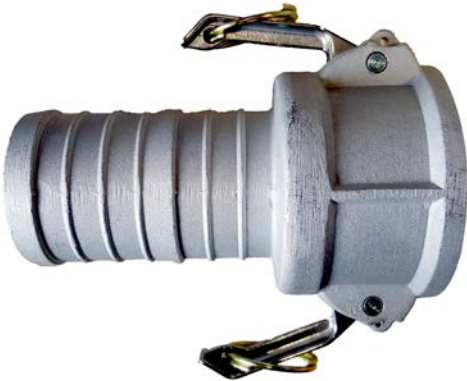
Additional Products



EZ KOTE® PAINT SPRAY HOSE

A high pressure conductive hose suitable for conveying paints, fuels, oils, and most other solvents. EZ Kote™ is recommended for applications where an electrostatic charge must be eliminated.

- Available in 3/16" to 3/8" IDs
- 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.



CAM & GROOVE FITTINGS

All types of Cam & Groove quick connect couplings, designed for rapid connection/disconnection of hoses.

- Available in Aluminum - Stainless Steel - Carbon Steel - Poly - Brass
- 1" to 8" IDs
- Working Pressures: 1" through 4" 150psi
6" 2 cam 75psi / 4 cam 150psi



GASKETS

- Every type of gasket for the Injection Molding industry



CLAMPS

- JGB offers Bolt Clamps, Band Clamps and Punch Lock Clamps



GAUGES

- Temperature, Pressure, Vacuum, Digital, General Purpose, etc.



Your Hose & Fitting Connection

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Cheektowaga, NY 14225
(716) 684-8224



Midwest Region

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



Mid-Atlantic Region

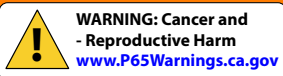
1407 Westinghouse Blvd. Suite B
Charlotte, NC 28273
(704) 588-9920



Gulf Coast Region

619 E Sam Houston Pkwy. Suite 200
Pasadena, TX 77503
(281) 930-7777

Liverpool Location ISO 9001:2015 Certified QMS by Intertek



Additional Resources:



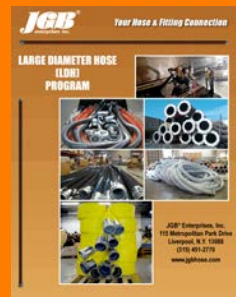
Disaster Relief Catalog



Industrial Rental Catalog
Hoses, Fittings & Assemblies



Oilfield Catalog
Hoses, Fittings & Assemblies



Large Diameter Hose
(LDH) Catalog



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