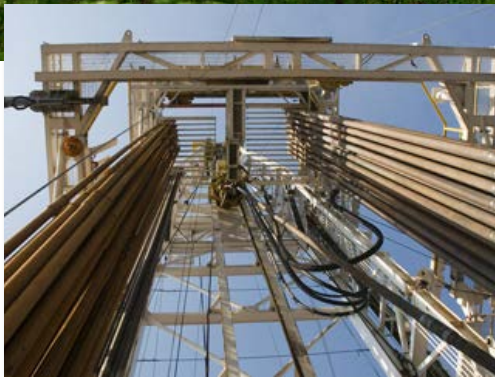


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Oilfield

Hoses, Fittings, & Assemblies



Expert Assemblies for Expert Drillers

JGB® Enterprises has been a leading supplier of hose, fittings, and hose assemblies to the oilfield market since 1977. Our assemblies service pressure hydrofracking, flow back, tank truck, pumping services, high volume water transfer, cementing, and acidizing.

Our exceptional customer service will keep you drilling twenty four hours a day, seven days a week.

We have the largest oilfield hose inventory, so we can provide just in time solutions in an effort to reduce unnecessary down time. Our multiple locations can provide in field technical support, and assure timely delivery of your assemblies.

Categories

DRILLING HOSE

JGB® Enterprises specializes in the supply of premium quality hose assemblies for oilfield drilling. We supply advanced assemblies in a full range of sizes and types for overall drilling efficiency in demanding oil and gas applications.

Our supply of expert assemblies will provide excellent drilling, long run life, and an excellent combination of drilling efficiency and durability.

CEMENTING HOSE

Successful cementing operations result in a cement sheath to bond and support casing and provide zonal isolation. Good zonal isolation helps prevent the loss of production, control inter-zonal flow and/or flow to the surface, reduce water production, and improves confinement of stimulation treatments.

JGB® Enterprises supplies a full line of the toughest, most versatile, expert cementing hose assemblies. We provide a wide range of sizes that can handle up to 5000 psi. Our assemblies will handle the tens of thousands of gallons of cement necessary for expert casings.

HYDRAULIC FRACTURING HOSE

Opening rock formations to release natural gases via hydraulic fracturing requires expert hose assemblies. JGB® Enterprises is a leader in the manufacturing of custom Frac hose assemblies to transfer necessary fracturing fluids such as water, oil, and hydrochloric acid.

Our Frac hose assemblies are rugged and flexible enough to handle the coarsest fluids and highest pressures associated with hydraulic fracturing.

WATER TRANSFER HOSE

Transferring millions of gallons of water from ponds, tanks, and the like is crucial to keep your drilling site productive.

Whether your application involves discharge, suction, or both, there's a high quality JGB® Enterprises water hose to fill your need.

DRILLSITE SUPPORT

When it comes to drillsite support, JGB® Enterprises manufactures and distributes the assemblies you need to keep your rigs running smooth.

From expert hydraulic assemblies to camlocks, we offer support products that maximize productivity for every application.

DRILLING

JGB® Enterprises specializes in the supply of premium quality hose assemblies for oilfield drilling.

We supply advanced assemblies in a full range of sizes and types for overall drilling efficiency in demanding oil and gas applications.

Our supply of expert assemblies will provide excellent drilling, long run life, and an excellent combination of drilling efficiency and durability.

Eagle Tank Truck® 150



Application: For use in tank truck, bulk petroleum stations, and in-plant oil service.
Construction
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
Temperature: Suitable for use in the range -40°F to + 180°F

PART #	ID		OD		WP	BEND RADIUS		WEIGHT	
	in	mm	in	mm	psi	in	mm	lbs/ft	kg/m
009-0242-0125I	1-1/2	38.1	1.93	49.1	150	4	101.6	0.92	0.28
009-0322-0125I	2	50.8	2.48	62.7	150	7	177.8	1.10	0.34
009-0482-0124I	3	76.2	3.50	88.9	150	9	228.6	1.86	0.58
009-0642-0150I	4	101.6	4.61	117.1	150	15	381.0	2.72	0.84
009-0962-0150I	6	152.4	6.69	169.9	150	26	660.4	5.21	1.61
009-1282-0150I	8	203.2	8.9	226.4	150	40	1016.0	8.40	2.58

* Full Vacuum

* 2", 2-1/2" meet SAE 100R4 specifications

Gates Black Gold Super-Vac (60-150)SD



Application: **NOTE: NOT RECOMMENDED FOR REFINED PETROLEUM PRODUCTS SUCH AS GASOLINE.**

Tank truck service, including oil field vacuum truck, where full suction or rated WPs are required. Ideal for applications handling crude oil, salt and fresh water, tank bottoms, drilling mud, dilute solutions of hydrochloric acids, diesel fuels and sewage transfer.

Construction

Tube: Type C (Nitrile), Black
Reinforcement: Synthetic, high tensile textile with steel wire helix
Cover: Type D (SBR), Black corrugated with blue spiral stripe
Temperature: -40°F to +150°F (-40°C to +66°C) continuous service
 NOTE: Diesel fuel normally conveyed below 120°F (+49°C)

PART #	NOM ID		NOM OD		MAX WP		SUCTION		MIN BEND RADIUS		WEIGHT	
	in	mm	in	mm	psi	Mpa	in/Hg	mm/Hg	in	mm	lbs/ft	kg/ft
4688-0651	1	25.4	1.42	36.1	150	1.03	30	762	3	76	0.52	0.24
4688-0653	1-1/4	31.8	1.68	42.7	150	1.03	30	762	3	76	0.67	0.30
4688-0656	1-1/2	38.1	1.97	50.0	150	1.03	30	762	3	76	0.77	0.35
4688-0665	2	50.8	2.47	62.7	150	1.03	30	762	4	102	0.99	0.45
4688-0668	2	50.8	2.47	62.7	150	1.03	30	762	4	102	0.99	0.45
4688-0675	2-1/2	63.5	2.99	75.9	150	1.03	30	762	5	127	1.46	0.66
4688-0680	3	76.2	3.52	89.4	150	1.03	30	762	6	152	1.76	0.80
4688-0690	4	101.6	4.52	114.8	100	0.69	30	762	8	203	2.29	1.04
4688-0697	6	152.4	6.67	169.4	60	0.41	30	762	18	457	4.37	1.98
4688-0698	6	152.4	6.67	169.4	60	0.41	30	762	18	457	4.37	1.98
4688-0702	6	152.4	6.67	169.4	60	0.41	30	762	18	457	4.37	1.98

Eagle Arctic® Oilfield 150 PSI Tank Truck Hose



Application: For suction and discharge applications in truck and tank car transfer of gasoline, oil, and other petroleum-based products with up to 50% aromatic content. Where extreme flexibility is needed in low temperature.

Construction

Tube: Black conductive, oil resistant Nitrile (NBR)

Reinforcement: High tensile textile cords and highly flexible steel helix

Cover: Blue corrugated, abrasion, hydrocarbon, and ozone resistant

Temperature: -65°F to +180°F

Branding: EAGLE ARCTIC® OILFIELD 150 PSI WP

PART #	ID	OD	BEND RADIUS	WP	MIN BEND RADIUS	WEIGHT
	in	in	in	psi	in	lbs/ft
009-0326-0150IA	2	2.51	3	150	2	1.10
009-0486-0150IA	3	3.62	4	150	3	2.67
009-0646-0150IA	4	4.64	6	150	4	2.84

* Full Vacuum

Eagle Tank Truck® 300 PSI Hose



Application: Tank truck hose for transport of mineral oil products and fuel mixtures with aromatic content up to 50%

Construction

Tube: Oil resistant, black conductive Nitrile (NBR)

Reinforcement: High tensile textile cord, steel helix, crossing antistatic wires

Cover: Black corrugated - abrasion, ozone, and hydrocarbon resistant neoprene

Temperature: -40°F to +180°F

Branding: EAGLE TANK TRUCK® SERVICE 300 PSI WP

Couplings: Contact JGB® for proper fitting recommendation and coupling procedure.

PART #	ID	OD	MIN BEND RADIUS	WP	WEIGHT
	in	in	in	psi	lbs/ft
009-0322-0300I	2	2.59	6	300	1.55
009-0482-0300I	3	3.74	9	300	2.46
009-0642-0300I	4	4.92	13	300	4.25
009-0962-0300I	6	7.08	25	300	7.74
009-1282-0300I	8	9.40	35	300	13.80

* Full Vacuum

Eagle OILFLEX 150 PSI Tank Truck Hose



Application: Flexible tank truck hose for suction and discharge applications in truck and tank car transfer of gasoline, oil, and other petroleum-based products with up to 50% aromatic content.

Construction

Tube: Black conductive, oil resistant Nitrile (NBR)

Reinforcement: High tensile textile cord, double steel helix

Cover: Red corrugated – abrasion, ozone, and hydrocarbon resistant

Temperature: -40°F to +180°F

Branding: EAGLE OILFLEX 150 PSI WP

Type: Mandrel Built

PART #	ID	OD	BEND RADIUS	WP	WEIGHT
	in	in	in	psi	lbs/ft
009-0243-0150I	1-1/2	1.97	3	150	0.74
009-0323-0150I	2	2.52	3	150	1.10
009-0483-0150I	3	3.54	4	150	1.85
009-0643-0150I	4	4.65	6	150	2.60
009-0963-0150I	6	6.77	18	150	6.00
009-1283-0150I	8	8.86	25	150	9.00

* Full Vacuum

Eagle OILVAC® 150 PSI Hose



Application: Oil field vacuum tank service for handling crude oil, frack solutions, and slurries in oilfield vacuum tank service.
Note: For applications up to 35% aromatics. Not for use with refined petroleum products.

Construction

Tube: Black Nitrile – PVC blend, limited oil resistance, for oil field use

Reinforcement: High tensile textile cords; highly flexible steel helix wire

Cover: Black SBR – abrasion, ozone, limited oil resistance

Temperature: -22°F to +176°F

Branding: EAGLE OILVAC® 150 PSI WP

Standard Length: 100 feet: 2" through 6"
 20 feet: 6" and 8" only

PART #	ID	OD	MIN BEND RADIUS	WP	WEIGHT
	in	in	in	psi	lbs/ft
009-0322-0155I	2	2.48	3	150	0.93
009-0482-0155I	3	3.46	4	150	1.73
009-0642-0155I	4	4.53	6	150	2.40
009-0962-0155I	6	6.61	18	150	4.59
009-1282-0155I	8	8.78	25	150	6.60

* Full Vacuum

Arctic ExtremeFlex™



Application: An extremely flexible and lightweight drop hose for transfer of petroleum-based products under suction, low-pressure discharge or gravity flow. Flexibility maintained down to -65°F (-54°C).

Construction

Tube: Black Nitrile, RMA Class A (High Oil Resistance)

Reinforcement: Spiral-plyed synthetic fabric with double wire helix

Cover: Corrugated Black Wingprene® synthetic rubber (wrapped impression), blue spiral stripe
Corrugated Blue Wingprene® synthetic rubber (wrapped impression), red spiral stripe

Temperature: -65°F to 180°F (-54°C to 82°C)

NOM ID		NOM OD		MAX WP		BEND RADIUS		VACUUM HG		WEIGHT	
in	mm	in	mm	psi	Mpa	in	mm	in	mm	lbs/ft	kg/m
2	51	2.50	63.5	150	1.03	2	51	29	737	1.08	1.61
3	76	3.48	88.5	150	1.03	3	76	29	737	1.62	2.41
4	102	4.55	115.7	150	1.03	4	102	29	737	2.35	3.50

Continental ContiTech Prospector™ BOP 3000



Application: This hose is a hydraulic control connection that is used in the well control system. The blow out preventer is a safety device to regulate uncontrolled pressure spikes and prevent blowouts. Drilling mud is pumped through it to control the pressure spikes. As a last result the choke and kill hose can activate the shears to close off the well or cement can be pumped down the well to seal it off permanently.

Inner Tube: Black Nitrile

Reinforcement: Two braids of high-tensile steel wire

Cover: Pink Neoprene Wrapped Finish

Approval / Verification: Independently tested as per test requirements specified by “Lloyd’s Register Fire Tests for Flexible Hoses on Offshore Installations” (OD/1000/499 – 29th June, 1992) and EUB (Directive 036)

Temperature: -40°F to 212°F (-40°C to 100°C)

PART #	ID		OD		MAX WP		MIN BEND RADIUS		MIN BURST PRESSURE		WEIGHT
	in	mm	in	mm	psi	Mpa	in	mm	psi	Mpa	lbs/ft
BOP3000-06	3/8	9.5	1.11	28.2	3000	20.7	6.0	152	12000	82.7	0.75
BOP3000-08	1/2	12.7	1.19	30.2	3000	20.7	8.0	203	12000	82.7	0.81
BOP3000-12	3/4	19.1	1.49	37.8	3000	20.7	11.0	279	12000	82.7	1.22
BOP3000-16	1	25.4	1.84	46.7	3000	20.7	15.0	381	12000	82.7	1.74

Independently tested per Lloyd’s Register Fire Tests for Flexible Hose on Offshore Installations (OD/1000/499-June 29th, 1992) and EUB (Directive 036)

Eagle Slim Hole Rotary Hose



- Application:** Rotary hose specially designed for use in portable, work-over, and seismograph drilling rigs.
- Tube:** Oil resistant synthetic rubber
- Reinforcement:** Four or six spiral wires for sizes -16 through -40 and four high tensile steel braids for size -48.
- Cover:** Abrasion, ozone, hydrocarbon, and flame resistant synthetic rubber.
- Temperature:** -40° F (-40° C) to 200° F (+93° C) constant operation.
-40° F (-40° C) to 176° F (+80° C) ambient temperature
- Safety Factor:** 4:1 for ID sizes 1" to 2"
3:1 for ID sizes 2-1/2" to 3"
- Couplings:** Male NPT API Style
- Lengths:** -24 through -48 100' lengths

NOM. ID		NOM OD		DASH SIZE	CONSTRUCTION	MAX WP †	MIN BEND RADIUS		WEIGHT
in	mm	in	mm				psi	in	
1	25	1.52	38.7	-16	4 Spiral	5,000	12.2	305	134
1-1/4	32	1.96	49.8	-20	6 Spiral	5,000	16.8	419	241
1-1/2	38	2.26	57.3	-24	6 Spiral	5,000	20.3	508	322
2	51	2.79	70.9	-32	6 Spiral	5,000	25.4	635	447
2-1/2	54	3.20	81	-40	4 Spiral	3,000	28.8	720	426
3	76	4.13	100	-48	4 Spiral	2,000	36.4	910	521

† Minimum burst pressure 4:1 safety factor for sizes 1" to 2" and 3:1 for ID sizes 2-1/2" to 3"

Continental ContiTech Prospector™ Slim Hole Rotary Hose



- Application:** High-pressure rotary hose for slim-hole, seismograph, work-over, or portable drilling rigs. For use with small- to medium-blast, water-well, or shot-hole drilling applications. Used in hydraulic oil, mud, or air applications, or where pulsating pump is required.
- Tube:** Neoprene
- Reinforcement:** Four alternating layers of spiraled high-tensile steel wire for the SHR5000-16 (1") and SHR3650-32 (2")
Six alternating layers of spiraled high-tensile steel wire for the SHR5000-20 (1 1/4") through SHR5000-32 (2")
- Cover:** Black Neoprene, pin pricked
- Temperature:** When conveying air: -40°F to 158°F (-40°C to 70°C)
When conveying fluids: -40°F to 250°F (-40°C to 121°C)
When conveying fluids for SHR3650-32: -40°F to 212°F (-40°C to 100°C)

PART #	ID		OD		MAX WP		MIN BEND RADIUS		MIN BURST PRESSURE		WEIGHT
	in	DIN	in	mm	psi	Mpa	in	mm	psi	Mpa	
SHR5000-16	1	25	1.51	38.50	5000	34.5	12.0	305	20000	137.9	1.34
SHR5000-20	1-1/4	31	1.85	47.00	5000	34.5	16.5	419	20000	137.9	2.40
SHR5000-24	1-1/2	38	2.26	57.30	5000	34.5	20.0	508	20000	137.9	3.35
SHR5000-32	2	51	2.80	71.10	5000	34.5	25.0	635	20000	137.9	4.38
SHR3650-32	2	51	2.68	68.10	3650	25.2	28.0	711	14600	100.7	3.13

* 1" available in 50 ft. Box or 200 ft. Coil.

1 1/4," 1 1/2," & 2" are available in 131 ft. Continuous Coils.

Eagle O.S.& D.® Hose



- Application:** For oil/water suction and delivery service. Full vacuum.
- Tube:** Oil and fuel resistant conductive nitrile (NBR)
- Reinforcement:** Multiple high tensile synthetic tire cords (polyester cords) with steel wire helix
- Cover:** Oil, weather and ozone resistant, cloth impression, black synthetic rubber
- Temperature:** -40°F to +194°F
- Lengths:** 10' and 20' standard length
- Branding:** EAGLE OIL SERVICE S&D® CARGO 250 MAX WP #Q## MEETS USCG 33CFR 154.500
- Packaging:** Custom skids
- Couplings:** Built-in pipe flanges fixed x floating (ANSI B16.5)
- Safety Factor:** 4:1
- Stock Options:** 4", 6", 8", 10", 12", 14" and 16" IDs (10' and 20' lengths)

All Eagle OS&D Hose assemblies are hydrotested at 1.5 times WP. Tested following U.S.C.G. certification standards.

PART #		ID	OD	WP	BEND RADIUS	WEIGHT *	
10'	20'	in	in	psi	in	lbs	
						10'	20'
**	009-0483-0020	3	4-3/4	250	15	-	110
**	009-0643-0020	4	5-1/2	250	19	100	176
009-0963-0010	009-0963-0020	6	7-1/2	250	29	183	265
009-1283-0010	009-1283-0020	8	9-1/2	250	38	214	368
009-1603-0010	009-1603-0020	10	11-1/2	250	48	342	540
009-1923-0010	009-1923-0020	12	13-3/4	250	48	503	732
009-2242-0010	009-2240-0020	14	15-3/4	250	68	573	845
009-0256-0010	009-0256-0020	16	17-3/4	250	78	765	1130

* Assembled weight

** Made to Order

Continental ContiTech Prospector™ Flex Oilfield 150



- Application:** Used in the tank truck service industry including oilfield applications handling crude oil, drilling mud, and diesel fuels. In-plant transfer of diluted industrial chemicals and petroleum waste, sludge, and sediments. It is not recommended for refined petroleum products or concentrated industrial chemicals. Do not use with gasoline and other refined products when aromatic content exceeds 35%.
- Construction:** Black Nitrile/SBR tube with black SBR (corrugated) cover
- Temperature:** -25°F to 180°F (-36°C to 82°C)
- Branding:** Prospector™ Flextra® Oilfield 150 psi (6" Prospector™ Flextra® Oilfield 60 psi)
- Order Codes:** 543-456

ID		NOM OD.		MAX WP		BEND RADIUS	WEIGHT	
in	mm	in	mm	psi	Mpa	in	lbs/ft	kg/m
1	25.3	1.4	35.9	150	1.03	3	0.53	0.80
1-1/4	32.0	1.7	42.6	150	1.03	3	0.64	0.96
1-1/2	38.0	1.9	49.2	150	1.03	4	0.77	1.16
2	51.2	2.5	62.3	150	1.03	5	1.00	1.50
2-1/2	63.7	3.0	76.2	150	1.03	6	1.42	2.13
3	76.1	3.5	89.3	150	1.03	7	1.79	2.69
4	102.1	4.5	115.5	150	1.03	9	2.50	3.75
6	152.7	6.6	167.0	60	0.41	18	4.14	6.21

Kuriyama Flexor Rig™ Slim Hole Rotary Drilling Hose



- Application:** Rotary hose, specially designed for use in portable, work-over, and seismograph drilling rigs.
- Tube:** Oil resistant synthetic rubber
- Reinforcement:** Four or six spiral wires for sizes -16 through -40 and four high tensile steel braids for size -48.
- Cover:** Abrasion, ozone, hydrocarbon, and flame resistant synthetic rubber
- Temperature:** -40° F (-40° C) to 200° F (+93° C) constant operation
-40° F (-40° C) to 176° F (+80° C) Ambient temperature
Note: Operating temperatures in excess of 212° F (100° C) may materially reduce the life of the hose.
- Branding:** ALFAGOMMA FLEXOR RIG ID – SLIM HOLE ROTARY –...WP ...MPa (...PSI) – DN – IN... MSHA IC-152/9 - Q/YR
- Lengths:** For -16 and -20: Consult JGB
-24 through -48: 100' lengths
- Safety Factor:** 4:1 for ID sizes 1" to 2". 3:1 for ID sizes 2-1/2" to 3".

ID		NOM OD.		DASH SIZE	CONSTRUCTION	MAX WP †	MIN BEND RADIUS	WEIGHT	COUPLING RECOMMENDATIONS
in	mm	in	mm						
1	25	1.52	38.7	-16	4 Spiral	5,000	12.2	134	Interlock
1-1/4	32	1.75	44.4	-20	6 Spiral	5,000	11.0	152	Interlock
1-1/2	38	2.26	57.3	-24	6 Spiral	5,000	20.3	322	Interlock
2	51	2.79	70.9	-32	6 Spiral	5,000	25.4	447	Interlock
2-1/2	64	3.20	81.0	-40	4 Spiral	3,000	28.8	426	Interlock
3	76	4.13	100.0	-48	4 Braids	2,000	36.4	521	Consult JGB

† Minimum burst pressure 4:1 safety factor for ID sizes 1" to 2" and 3:1 for ID sizes 2-1/2" to 3"

CEMENTING

Successful cementing operations result in a cement sheath to bond and support casing and provide zonal isolation. Good zonal isolation helps prevent the loss of production, control inter-zonal flow and/or flow to the surface, reduce water production, and improves confinement of stimulation treatments.

JGB® Enterprises supplies a full line of the toughest, most versatile, expert cementing hose assemblies. We provide a wide range of sizes that can handle up to 5000 psi. Our assemblies will handle the tens of thousands of gallons of cement necessary for expert casings.

J-FLEX® 12M SAE 100R12 Hydraulic Hose



Application: For hydraulic systems with high peak pressures and arduous operating conditions.
Tube: Mineral, vegetable, and glycol based hydraulic oil resistant special synthetic rubber
Reinforcement: 4 high tensile steel spirals
Cover: Hydraulic oil, abrasion, and weather resistant special synthetic rubber (MSHA Approved)
Temperature: -40°F to 248°F (257°F intermittent)
Branding: J-FLEX® 12M SAE 100R12

PART #	ID	OD	PRESSURE		BEND RADIUS	WEIGHT
	in	in	WORKING psi	BURST psi	in	lbs/ft
182-7006-4000IM	3/8	0.80	4000	16000	3.94	0.44
182-7008-4000IM	1/2	0.93	4000	16000	4.92	0.56
182-7012-4000IM	3/4	1.20	4000	16000	5.90	0.84
182-7016-4000IM	1	1.50	4000	16000	8.86	1.25
182-7020-3000IM	1-1/4	1.83	3000	12000	9.84	1.71
182-7024-2500IM	1-1/2	2.09	2500	10000	19.69	2.12
182-7032-2500IM	2	2.62	2500	10000	25.59	2.66

J-FLEX® 13M SAE 100R13 Hydraulic Hose



Tube: Nitrile; Mineral, vegetable, BIO OIL, and glycol based hydraulic oil resistant
Reinforcement: 4 or 6 high tensile steel spiral
MSHA Fire Resistant Cover: Abrasion, ozone, and hydrocarbon resistant special synthetic rubber
Temperature: -40 °F to 250 °F
Branding: J-FLEX® 13M SAE 100R13M 5000 PSI

PART #	ID	OD	PRESSURE		BEND RADIUS	WEIGHT
	in	in	WORKING psi	BURST psi	in	lbs/ft
182-9012-5000IM	3/4	1.22	5500	22000	5.9	0.83
182-9016-5000IM	1	1.51	5500	22000	7.1	1.13
182-9024-5000IM	1-1/2	2.22	5000	20000	19.7	3.00
182-9032-5000IM	2	2.76	5000	20000	21.7	4.20

* For 1-1/4" refer to 15M SAE 100R15

Eagle Bulk® Material HD Hose (Frac Sand Discharge Hose)



- Application:**
- Pneumatic transport of abrasive materials such as cement, sand, and other dry abrasive bulk materials
 - Anti-static transfer of materials that create static buildup on the liner (anti-static compound in hose liner protects from static electricity)
- Construction**
- Tube:** 1/4 abrasion resistant layer of synthetic and natural elastomer blend, smooth
1/8 abrasion resistant layer of synthetic and natural elastomer blend, smooth
- Reinforcement:** High tensile textile cord
- Cover:** Blend of synthetic and natural elastomers, black, smooth with cloth impression, antistatic, abrasion, weather, and ozone resistant. Black SBR.
- Temperature:** -30°F to 185°F
- Lengths:** 100 ft.
- Branding:** EAGLE BULK® MATERIAL 75 PSI

PART #	ID	OD	PLIES	TUBE CONSTRUCTION	WP	WEIGHT
	in	in			psi	lbs/ft
14-0642-0074I	4	4.49	2	1/8"	75	1.67
14-0642-0075I	4	4.72	2	1/4"	75	2.14

Eagle Hot Air® Blower Hose



- Application:** Conveys hot air from blower or compressor to tanks on dry bulk material carriers
- Construction**
- Tube:** Black EPDM
- Reinforcement:** Multiple plies of high tensile textile with dual steel wire helix
- Cover:** Black EPDM
- Temperature:** -40°F to 400°F
- Lengths:** 100 ft.
- Branding:** EAGLE HOT AIR® BLOWER 150 PSI / 400 DEG. F. MAX
- Lengths:** 100 ft.

PART #	ID	OD	BEND RADIUS	WP	WEIGHT
	in	in	in	psi	lbs/ft
014-0482-0150I *	3	3.58	10	150	1.89
014-0642-0150I	4	4.72	13	150	2.41

* Full Vacuum

HYDRAULIC FRACTURING

Opening rock formations to release natural gases via hydraulic fracturing requires expert hose assemblies.

JGB® Enterprises is a leader in the manufacturing of custom Frac hose assemblies to transfer necessary fracturing fluids such as water, oil, and hydrochloric acid.

Our Frac hose assemblies are rugged and flexible enough to handle the coarsest fluids and highest pressures associated with hydraulic fracturing.

Continental ContiTech Plicord FRAC Hose



Application: Used in fracturing process for the discharge of sand, water, and frac fluids

Construction

Tube: Black Nitrile

Reinforcement: Multiple plies of synthetic fabric

Cover: Black Chemivic™, smooth cover with wrapped finish. Also available with ARC treatment for improved abrasion resistance.

Product Codes: 543-827, 543-710, 546-462

ID		NOM OD		MAX WP		WEIGHT	
in	mm	in	mm	psi	Mpa	lbs/ft	kg/m
3	76.2	3.87	98.4	400	2.76	2.74	4.076
4	101.6	4.76	121.4	400	2.76	3.16	4.698

Continental ContiTech Plicord® S&D FRAC



Application: Frac suction and discharge application and for frac tank connections

Construction

Tube: Modified ChemiTuf™

Reinforcement: Fabric Plies and Helical Wire

Cover: Black SBR

Temperature: -35°F to 180°F

Packaging: 100' lengths, coiled and polywrapped

Branding: Continental ContiTech 549-133 frac hose suction and discharge 400 psi with modified ChemiTuf™

Lengths: 100 ft.

Order Code: 541-133

NOM ID		NOM OD		MAX WP	WEIGHT
in	mm	in	mm	psi	lbs/ft
8	203.6	9.517	241.7	400	13.01

EagleChem® UHMW Chemical Suction & Discharge Hose



- Application:**
- Designed for almost every common industrial chemical used in chemical transfer applications today
 - Non-staining UHMW tube
 - Not for steam service
 - Can be open end steam cleaned
- Construction**
- Tube:** Ultra-High Molecular Weight polyethylene (UHMW-PE), clear, smooth, food quality, resistant to a wide range of chemicals
- Reinforcement:** High tensile textile cord, dual galvanized steel helix
- Cover:** EPDM - Green, smooth with cloth impression, resistant to weather, ozone, and abrasion (Available in red, blue, yellow black and grey, white and orange - with 400 ft. order)
- Temperature:** -40°F to 212°F, 250°F (Intermittent)
- Branding:** EAGLECHEM® CHEMICAL TRANSFER HOSE UHMWPE TUBE 240 PSI MAX WP
- Lengths:** 100 ft.

PART #	ID	OD	MBR in	VACUUM HG in	WP psi	WT lb./ ft.
006-0129-0240I	3/4	1.19	3.5	29	240	0.58
006-0166-0240I	1	1.47	4	29	240	0.63
006-0246-0240I	1-1/2	2.08	4	29	240	1.06
006-0326-0240I	2	2.58	6	29	240	1.33
006-0406-0240I	2-1/2	3.03	10	29	240	1.78
006-0480-0240I	3	3.61	16	29	240	2.12
006-0646-0240I	4	4.61	24	29	240	2.83
006-0960-0240I	6	6.89	36	26	240	6.89

WATER TRANSFER

Transferring millions of gallons of water from ponds, tanks, and the like is crucial to keep your drilling site productive.

Whether your application involves discharge, suction, or both, there's a high quality JGB® Enterprises water hose to fill your need.

Eagle Pump® HD 150



Application: Water suction and discharge in industrial and construction services

Construction

Tube: Natural and Synthetic Rubber

Reinforcement: High tensile synthetic textile and steel helix wire

Cover: Abrasion and weather resistant synthetic rubber

Temperature: -22°F to + 185°F

Branding: EAGLE PUMP® HD 150 PSI

PART #	ID	OD	WP	VACUUM HG	BURST PRESSURE	BEND RADIUS	WEIGHT
	in	in	psi	in	psi	in	lbs/ft
004-0242-0150I	1-1/2	1.89	150	28	450	5	.73
004-0322-0150I	2	2.44	150	28	450	7	1.2
004-0482-0150I	3	3.50	150	28	450	12	1.9
004-0642-0150I	4	4.53	150	28	450	17	2.6
004-0962-0150I	6	6.61	150	24	450	27	4.9
004-1282-0150I	8	8.86	150	24	450	43	7.2
004-1602-0150I	10	10.98	150	24	450	59	12.2
004-1922-0150I	12	12.95	150	24	450	75	13.79

Continental ContiTech SPIRAFLEX® 1600



Application: Spiraflex® 1600 is for water suction and discharge service in construction and septic tank cleaning operations, and for general industrial and agricultural applications where mild chemical resistance is required.

Construction: Olive green Pliovic® with high-density rigid Pliovic® helix

Temperature: 0°F to 158°F (-9°C to 70°C)

Order Code: 586-411

ID		NOM OD		MAX WP		BEND RADIUS		VACUUM HG		WEIGHT	
in	mm	in	mm	psi	Mpa	in	mm	in	mm	lbs/ft	kg/m
3/4	19.1	0.98	24.9	130	0.90	3	83	29	737	0.18	0.27
1	25.4	1.24	31.5	106	0.73	5	114	29	737	0.25	0.37
1-1/4	31.8	1.53	38.9	99	0.68	5	127	29	737	0.32	0.48
1-1/2	38.1	1.78	45.2	89	0.61	6	152	29	737	0.37	0.55
2	50.8	2.32	58.9	79	0.54	8	203	29	737	0.59	0.91
2-1/2	63.5	2.85	72.4	65	0.45	10	254	29	737	0.87	1.29
3	76.2	3.41	86.6	65	0.45	12	305	29	737	1.08	1.61
4	101.6	4.46	113.3	55	0.38	16	406	29	737	1.69	2.51
6	152.4	6.57	166.9	47	0.32	36	914	29	737	3.27	4.54
8	203.2	8.92	226.6	40	0.28	60	1524	20	508	6.35	9.45
10	254.0	10.93	277.6	35	0.24	100	2540	20	508	8.75	13.04

Kanaflex EPDM 300



Application: Lightweight and flexible, external helix provides for easy drag, resistant to agricultural chemicals, all weather suction and discharge hose. Heavy duty liquid suction hose for use in construction dewatering, liquid waste, cesspool cleaning, septic handling, agricultural applications, and marine use.

Construction

Tube: EPDM rubber, smooth bore
Reinforcement: Polyethylene helix
Cover: Corrugated O.D.
Temperature: -40°F to 140°F

ID	OD	PITCH	MINIMUM BEND RADIUS	WP	VACUUM RATING	WEIGHT	STANDARD LENGTH
in	in	in	72°F in	72°F psi	72°F in/Hg	lbs/ft	ft
1	1.34	0.30	1.9	50	29.8	0.23	100
1-1/4	1.65	0.33	3.2	50	29.8	0.34	100
1-1/2	1.84	0.35	3.2	50	29.8	0.40	100
2	2.43	0.39	5.2	50	29.8	0.67	100
2-1/2	2.99	0.56	5.6	50	29.8	0.92	100
3	3.52	0.59	7.1	43	29.8	1.10	100
4	4.61	0.65	11.0	38	29.8	1.84	100
6	6.81	0.87	20.0	23	28.0	3.07	60, 100

Kanaflex Kanaline SR



Application: Water suction and discharge hose for heavy-duty applications requiring combined vacuum and higher WPs. Heavy duty suction and discharge hose for use in fish suction and rental/construction pumping. Lightweight and flexible, external helix provides for easy drag, rated for both suction and discharge. Clear sidewall permits visual check of material flow.

Construction

Tube: Flexible PVC, smooth bore
Reinforcement: Rigid PVC helix
Cover: Synthetic braiding, corrugated O.D.
Temperature: -13°F to 140°F

ID	OD	PITCH	MINIMUM BEND RADIUS	WP	VACUUM RATING	WEIGHT	STANDARD LENGTH
in	in	in	72°F in	72°F psi	72°F in/Hg	lbs/ft	ft
1-1/2	2.03	0.37	2.5	110	28.0	0.47	100
2	2.60	0.43	4.0	100	28.0	0.70	100
3	3.70	0.59	6.3	100	28.0	1.13	100
4	4.78	0.65	7.1	75	28.0	1.74	100
6	7.17	0.93	10.2	70	28.0	3.88	60, 100
8	9.34	1.07	15.7	60	28.0	5.54	15, 20, 25
10	11.63	1.22	24.8	40	28.0	8.68	15, 20, 25, 40
12	13.66	1.34	45.0	28	25.0	10.30	20, 40

Eagle Water Transfer PU HD Lay Flat Hose



JGB's Eagle Water Transfer PU is coupled with forged fittings versus sand casted fittings, making them the strongest in the industry!

- Application:** Heavy-duty, large diameter, polyurethane layflat hose designed for construction sites, waste water industry, agriculture and mining, transport of abrasive materials, flexible pipeline even in extreme terrain, irrigation and sludge disposal, under the toughest conditions. Perfectly prepared for hydraulic fraction in shales and oil fields.
- Tube:** PU
- Reinforcement:** Polyester-Nylon textile
- Cover:** PU, ribbed or smooth
- Temperature:** -58°F to 176°F
- Lengths:** 100, 200, 300, 330, or 660 feet
- Packaging:** Rolled, packed on steel reel
- Manufacturing Technology:** [Extruded-Through-the-Weave](#)

PART #	ID	OD	WP	BURST PRESSURE	WALL THICKNESS	TENSILE STRENGTH	WEIGHT
	in	in	psi	psi	in	lbs	lbs/ft
008-0960-0150PU	6	6-5/16	200	600	0.150	33000	1.41
008-1280-0150PU	8	8-5/16	200	600	0.150	89000	1.94
008-1600-0150PU	10	10-3/8	200	600	0.165	100100	2.75
008-1900-0150PU	12	12-7/16	200	450	0.165	134000	3.33
*	14	14-1/2	150	450	0.205	178574	4.96
*	16	16-7/16	100	300	0.205	66140	5.09

* Call for availability

Powder Coated field ends are available for produce water applications



Eagle Super Flow Nitrile Discharge Hose



- Application:** Designed for hydraulic fracture water transfer
- Construction**
 - Tube:** Black PVC nitrile rubber, oil resistant tube
 - Reinforcement:** Polyester reinforcement provides working service pressures equal to or higher than most conventional PVC or rubber discharge hoses
 - Cover:** Black ribbed nitrile rubber cover provides high resistance to oil, weathering, and abrasion
 - Temperature:** Service temperature: -20° F (-29°C) to 176°F (+80° C)
 - Coupling:** Contact JGB Enterprises for proper fitting recommendation and coupling procedure
 - Color:** Black or Red

PART #	ID	THICKNESS	WEIGHT	WP	END PULL	BEND RADIUS
	in	in	lbs/ft	psi	lb.	ft.
*	4	0.10	0.64	150	5,280	5.60
*	6	0.12	1.11	150	11,000	7.40
0082-1282-0150I	8	0.12	1.95	150	14,000	11.0

* Call for availability

Eagle HD Nitrile Hose



Application: Used for irrigation, pumping of sludge or liquid fertilizers.
Tube: Polyester weave extruded internally & externally with NBR-PVC
Reinforcement: High-tenacity synthetic reinforced jacket
Cover: Ribbed for maximum abrasion resistance
Temperature: -4°F to +176°F
Standard Lengths: 50 ft, 100 ft, 330 ft, 660 ft
Color: Available in black
Manufacturing Technology: Through-the-weave technology

ID	WALL THICKNESS	MAXIMUM LENGTH	WP	BURSTING PRESSURE	END PULLS***	WEIGHT	BURST RADIUS @ WP
in	in	ft	psi	psi	lb	lbs/ft	ft
8	0.165	660	175	440	15450	2.355	8.20
10	0.157	660	175	440	32200	2.523	9.84
12	0.157	660	175	480	38800	3.028	10.83

*** Figures represent 35% of Total Effective Tensile Strength

Eagle Composite® Hose (Approved by DNV GL / *Complies with USCG 33CFR 154.500)



Application: Suction and discharge of gasoline, diesel fuel, paraffin, kerosene, lubricating oils, 100% aromatics, black oils, and heavy lubricants and solvents.
Carcass: Multiple layers of polypropylene fabric, film, and polyester barrier layers
Reinforcement: High tensile strength galvanized inner and outer wire
Cover: Abrasion resistant PVC impregnated fabric
Temperature: -22°F to +176°F
Flange: Fix x floating per ANSI B 16.5 CARBON STEEL 150LBS SPECIFICATION
Victaulic: Standard cut groove carbon steel victaulic
Branding: EAGLE COMPOSITE® OIL SERVICE S&D CARGO 200PSI MAX WP #Q## USCG 33CFR 154.500I

PART #	ID	MAX W.P		BURST		BEND RADIUS	WEIGHT		MAX. LENGTH
	in	bar	psi	bar	psi	inch	kg/mt	lb/ft	ft
006-0642-0010I/0020I	4	15	200	60	850	16	5.2	3.5	65.00
006-0962-0010I/0020I	6	15	200	60	850	23	11.5	7.7	65.00
006-1280-0010I/0020I	8	15	200	60	850	32	18.0	12.0	65.00
006-1600-0010I/0020I	10	15	200	60	850	40	25.0	16.9	40.00
006-1920-0010I/0020I	12	15	200	60	850	47	29.47	19.8	40.00

Approximate weight of Fix x Floating Flange

HOSE SIZE	HOSE LENGTH	WEIGHT OF ASSEMBLY	HOSE LENGTH	WEIGHT OF ASSEMBLY
in	ft	lbs	ft	lbs
4	10	70.55	20	99.20
6	10	160.94	20	233.69
8	10	264.56	20	381.40
10	10	363.76	20	507.06
12	10	551.25	20	760.01

Approximate weight of Vic x Vic

HOSE SIZE	HOSE LENGTH	WEIGHT OF ASSEMBLY	HOSE LENGTH	WEIGHT OF ASSEMBLY
in	ft	lbs	ft	lbs
4	10	52.91	20	85.98
6	10	136.69	20	209.44
8	10	227.08	20	343.92
10	10	319.67	20	462.97
12	10	396.43	20	606.16

DRILLSITE SUPPORT

HOSES, FITTINGS, & ACCESSORIES

When it comes to drillsite support, JGB® Enterprises manufactures and distributes the assemblies you need to keep your rigs running smooth.

From expert hydraulic assemblies to camlocks, we offer support products that maximize productivity for every application.

J-FLEX® 1 1SN/SAE 100R1AT Hydraulic Hose



MSHA cover available

PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
171-1004-3265I	1/4	3265	13060	0.52	3.93	0.13
171-1006-2610I	3/8	2610	10440	0.67	5.11	0.19
171-1008-2320I	1/2	2320	9280	0.80	7.08	0.24
171-1012-1525I	3/4	1525	6100	1.08	9.44	0.38
171-1016-1275I	1	1275	51 00	1.39	11.81	0.56

J-FLEX® 2M 2SN/SAE 100R2AT Hydraulic Hose



MSHA cover available

PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
172-1004-5800I	1/4	5800	23200	0.58	3.93	0.21
172-1006-4800I	3/8	4800	19200	0.73	5.11	0.30
172-1008-4000I	1/2	4000	16000	0.85	7.08	0.36
172-1010-3625I	5/8	3625	14500	0.98	7.87	0.44
172-1012-3120I	3/4	3120	12480	1.14	9.44	0.56
172-1016-2400I	1	2400	9600	1.48	11.81	0.83
172-1020-1815I	1-1/4	1815	7260	1.87	16.53	1.19
172-1024-1305I	1-1/2	1305	5220	2.14	19.68	1.46
172-1032-1160I	2	1160	4640	2.63	24.80	1.88

J-FLEX® 12M SAE 100R12 Hydraulic Hose



MSHA cover available

PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
182-7006-4000IM	3/8	4000	16000	0.80	3.94	0.44
182-7008-4000IM	1/2	4000	16000	0.95	4.92	0.56
182-7012-4000IM	3/4	4000	16000	1.22	5.90	0.84
182-7016-4000IM	1	4000	16000	1.51	8.86	1.25
182-7020-3000IM	1-1/4	3000	12000	1.83	9.84	1.71
182-7024-2500IM	1-1/2	2500	10000	2.09	19.69	2.12
182-7032-2500IM	2	2500	10000	2.62	25.59	2.66

J-FLEX® 10K Jack Hose



- Application:** For hydraulic jacking applications
- Construction**
- Tube:** Oil resistant synthetic rubber
- Reinforcement:** Two braids of high tensile steel wire
- Cover:** MSHA, abrasion and weather resistant synthetic rubber
- Temperature:** -40°F to +212°F depending on the medium
- Branding:** J-FLEX® 10K JACK HOSE 10,000PSI WP / 20,000PSI BP MSHA

PART #	ID	OD	BEND RADIUS	WP	TEST PRESSURE	BURST PRESSURE	WEIGHT
	in	in	in	psi	psi	psi	lbs/ft
172-8004-1000I	1/4	0.59	4	10000	12,000	20,000	0.20
172-8006-1000I	3/8	0.75	5	10000	12,000	20,000	0.34

J-FLEX® HOT OIL 2SC Hose



- Application:** Specially formulated high temperature oil hose
- Construction**
- Tube:** Black, oil resistant synthetic rubber
- Reinforcement:** Two high tensile steel braids
- Cover:** Black MSHA - abrasion, oil, and weather resistant synthetic rubber (Blue MSHA cover available on request)
- Temperature:** -40°F to +275°F (+300°F intermittent)
- Branding:** 1-1/2" -24 J-FLEX® HOT OIL 2350 PSI WP

PART #	ID	OD	BEND RADIUS	WP	BURST PRESSURE	WEIGHT
	in	in	in	psi	psi	lbs/ft
172-1024-2350IM	1-1/2	1.96	16.9	2350	7200	1.6

J-FLEX® 13M SAE 100R13 Hydraulic Hose



PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
182-9012-5000IM	3/4	5500	22000	1.22	5.9	0.83
182-9016-5000IM	1	5500	22000	1.51	7.1	1.13
182-9024-5000IM	1-1/2	5000	20000	2.22	19.7	3.00
182-9032-5000IM	2	5000	20000	2.76	21.7	4.20

* FOR 1-1/4" REFER TO 15M SAE 100R15

J-FLEX® 15M SAE 100R15 Hydraulic Hose



PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
182-5012-6000IM	3/4	6000	24000	1.23	8.3	0.99
182-5016-6000IM	1	6000	24000	1.50	9.8	1.36
182-5020-6000IM	1-1/4	6000	24000	1.94	17.5	2.32
182-5024-6000IM	1-1/2	6000	24000	2.22	22.0	3.00

J-FLEX® 17 SAE 100R17 Hydraulic Hose



MSHA cover available

PART #	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
171-1004-3000I	1/4	3000	12000	0.49	2.0	0.11
171-1006-3000I	3/8	3000	12000	0.63	2.5	0.18
171-1008-3000I	1/2	3000	12000	0.77	3.5	0.26
172-1012-3000	3/4	3000	12000	1.08	4.7	0.51
172-1016-3000	1	3000	12000	1.43	5.9	0.85

EAGLE EPDM Steam Hose



Application: The transfer of saturated and superheated steam up to 270 PSI and max 450°F in shipyards, chemical plants, and industrial applications.
 * **Proper draining of steam hose after each use will increase service life**
 * **Not recommended for washdown applications where detergent or oils are present**

Construction

Tube: Black heat-resistant extruded EPDM. *Not for steam cleaner use.*
Reinforcement: High tensile steel wire braids
Cover: Red heat-resistant EPDM rubber. Wrapped cover fabric impression. Pin-pricked cover to allow venting.
Temperature: -40°F to +410°F (Intermittent 450°F)
Branding: EAGLE EPDM STEAM 270 PSI WP
Standard Length: 50 or 100 ft.

Warning:

Handling steam is very hazardous. If it is not properly controlled it can cause property damage, injury, or even death. Selection for the proper application, usage, and maintenance will not only increase hose life but will insure safe operation for the user.

PART #	ID	OD	MIN BEND RADIUS	WP	WEIGHT
	in	in	in@68°F	psi	lbs/ft
*	1/2	0.98	5	270	.29
*	3/4	1.26	7-1/2	270	.53
010-0161-0270I	1	1.50	10	270	.61
*	1-1/4	1.81	12-1/2	270	.86
*	1-1/2	2.05	15	270	.93
010-0321-0270I	2	2.64	20	270	1.38

* Non stock

Eagle Air® Wire Reinforced Hose



Application: High Pressure Wire Reinforcement air hose for heavy-duty use in construction, pneumatic drilling, mines, and quarries

Construction

Tube: Blend of synthetic elastomer compound, black, smooth, suitable for water and air, resistant to oil mist

Reinforcement: Brass coated steel wire

Cover: Synthetic elastomer compound, yellow, smooth with cloth impression, weather, ozone, and abrasion resistant

Temperature: -22°F to 200°F

Lengths: 100 ft.

PART #	ID in	OD in	PLIES	WP psi	BURST PRESSURE psi	BEND RADIUS in	WEIGHT lbs/ ft
003-0323-0600I	2	2.6	2	600	2400	8	1.69
003-0483-0600I	3	3.7	2	600	2400	15	3.02
003-0640-0500I	4	4.8	2	600	2400	20	4.54
003-0963-0600I	6	7.1	2	600	2400	37	8.03

Aluminum Cam & Groove Couplings

Part A



SIZE in	PART #
1-1/2	030-01024-824CI
2	030-01032-832CI
3	030-01048-848CI
4	030-01064-864CI
6	030-01096-896CI

SIZE in	PART #
1-1/2	030-05024-824CI
2	030-05032-832CI
3	030-05048-848CI
4	030-05064-864CI
6	030-05096-896CI

Part B



SIZE in	PART #
1-1/2	030-02024-824CI
2	030-02032-832CI
3	030-02048-848CI
4	030-02064-864CI
6	030-02096-896CI

Part F



SIZE in	PART #
1-1/2	030-06024-824CI
2	030-06032-832CI
3	030-06048-848CI
4	030-06064-864CI
6	030-06096-896CI

Part C



SIZE in	PART #
1-1/2	030-03024-824CI
2	030-03032-832CI
3	030-03048-848CI
4	030-03064-864CI
6	030-03096-896CI

Dust Plug



SIZE in	PART #
1-1/2	030-08024-800CI
2	030-08032-800CI
3	030-08048-800CI
4	030-08064-800CI
6	030-08096-800CI

Part D



SIZE in	PART #
1-1/2	030-04024-824CI
2	030-04032-832CI
3	L030-04048-848CI
4	030-04064-864CI
6	030-04096-896CI

Dust Cap



SIZE in	PART #
1-1/2	030-07024-800CI
2	030-07032-800CI
3	030-07048-800CI
4	030-07064-800CI
6	030-07096-800CI

King Combination Nipples



**Knurled
Wrench
Grip**

NPT threaded end with knurled wrench grip

SIZE in	UNPLATED STEEL Part #	PLATED STEEL Part #	BRASS Part #	ALUMINUM Part #
1/2	ST1	STC1	BST1	AST1
3/4	ST5	STC5	BST5	AST5
1	ST10	STC10	BST10	AST10
1-1/4	ST15	STC15	---	---
1-1/2	ST20	STC20	---	---
2	ST25	STC25	---	---



No Knurl

NPT threaded end no knurl

SIZE in	Part #			
	BRASS	ALUMINUM	316 STAINLESS STEEL	HASTELLOY
1/2	---	---	RST1 *	---
3/4	---	---	RST5 *	---
1	---	---	RST10	---
1-1/4	BST15	AST15	RST15	---
1-1/2	BST20	AST20	RST20	---
2	BST25	AST25	RST25	HST25

* made from casting



SIZE in	Part #		
	UNPLATED STEEL	PLATED STEEL	BRASS
2-1/2	ST30	STC30	BST30
3	ST35	STC35	BST35
4	ST40	STC40	BST40
5	ST50	STC50	---
6	ST60	STC60	---
8	ST80	STC80	---
10	ST100	STC100	---
12	ST120	STC120	---

SIZE in	Part #		
	ALUMINUM	316 STAINLESS STEEL	HASTELLOY
2-1/2	AST30	RST30	---
3	AST35	RST35	HST35
4	AST40	RST40	---
5	AST50	RST50	---
6	AST60	RST60	---
8	---	RST80	---

King Combination Nipples

BSPT end



SIZE in	PLATED STEEL Part #	316 STAINLESS STEEL Part #
1	STC10A	RST10A
1-1/4	STC15A	RST15A
1-1/2	STC20A	RST20A
2	STC25A	RST25A
2-1/2	STC30A	RST30A
3	STC35A	RST35A
4	STC40A	RST40A
6	STC60A	RST60A

Beveled end



SIZE in	UNPLATED STEEL Part #	316 STAINLESS STEEL Part #	ALUMINUM Part #
1/2	STB1	---	---
3/4	STB5	RSTB5	---
1	STB10	RSTB10	ASTB10
1-1/4	STB15	RSTB15	ASTB15
1-1/2	STB20	RSTB20	ASTB20
2	STB25	RSTB25	ASTB25
2-1/2	STB30	RSTB30	ASTB30
3	STB35	RSTB35	ASTB35
4	STB40	RSTB40	ASTB40
5	STB50	---	ASTB50
6	STB60	RSTB60	ASTB60
8	STB80	RSTB80	ASTB80
10	STB100	---	ASTB100
12	STB120	---	---

Grooved end



SIZE in	UNPLATED STEEL Part #	316 STAINLESS STEEL Part #
1	STV10	---
1-1/4	STV15	---
1-1/2	STV20	RSTV20
2	STV25	RSTV25
2-1/2	STV30	---
3	STV35	RSTV35
4	STV40	RSTV40
5	STV50	---
6	STV60	---
8	STV80	---
10	STV100	---
12	STV120	---

King Combination Nipples



NPT End with Knurled Wrench Grip - for plastic pipe

SIZE in	PLATED STEEL Part #
1/2	SAP1
3/4	SAP6
1	SAP11
1-1/4	SAP16
1-1/2	SAP21
2	SAP26

API Fitting



DESCRIPTIVE NO.	HOSE SIZE I.D.		THREAD SIZE (A)	HEX-1 SIZE		CUT-OFF(C)		LENGTH (L)	
	in	DIN dash size		Wrench Size	mm	in	mm	in	mm
SH-NPMAPI-1616	1	25.4	1 -11-1/2	17/16	36	2.66	67.5	5.18	131.5
SH-NPMAPI-2020	1-1/4	31.8	1-1/4 - 11-1/2	17/8	46	2.93	74.5	6.69	170
SH-NPMAPI-2424	1-1/2	38.1	1-1/2 - 11-1/2	2	50	3.27	83	6.53	166
SHDG-NPMAPI-3232	2	50.8	2 - 11-1/2	25/8	65	4.47	113.5	8.19	208
SH-NPMAPI-3232	2	50.8	2 - 11-1/2	25/8	65	4.47	113.5	8.19	208

Sight Glass (NPT Threads)



Sight Glass is made from a tough polycarbonate material and has a temperature rating of (-50 to +185°F).

It has a 500 PSI rating and allows for viewing of materials at all times.

PART NUMBER	SIZE	WEIGHT EACH (lbs)	STANDARD CARTON
SG300	3"	1.08	12
SG400	4"	2.25	6

WARNING: Never use a wrench on the Sight Glass; always tighten the connecting pieces.

Hammer Unions

Hammer Unions 100 Series

Used on low pressure manifolds and lines and in applications running air, water, oil, or gas up to 1,000 PSI NSCWP (non-shock cold WP)



SIZE in	CONFIGURATION	NSCWP	FORGED STEEL Part #
2	Threaded 100 Series	1000	039-HU100200
2	Buttweld 100 Series	1000	039-HU100200BW*
2-1/2	Threaded 100 Series	1000	039-HU100250
3	Threaded 100 Series	1000	039-HU100300
4	Threaded 100 Series	1000	039-HU100400
4	Buttweld 100 Series	1000	039-HU100400BW*
6	Threaded 100 Series	1000	039-HU100600
8	Threaded 100 Series	1000	039-HU100800

* Buttweld ends are schedule 80

Hammer Unions 200 Series

Used in general service applications running air, water, oil, or gas up to 2,000 PSI NSCWP (non-shock cold WP)



SIZE in	CONFIGURATION	NSCWP	FORGED STEEL Part #
1	Threaded 200 Series	2000	039-HU200100
1-1/2	Threaded 200 Series	2000	039-HU200150
2	Threaded 200 Series	2000	039-HU200200
2	Buttweld 200 Series	2000	039-HU200200BW*
2-1/2	Threaded 200 Series	2000	039-HU200250
3	Threaded 200 Series	2000	039-HU200300
4	Threaded 200 Series	2000	039-HU200400
6	Threaded 200 Series	2000	039-HU200600

* Buttweld ends are schedule 80

Hammer Unions 206 Series

O-ring mounted sub provides excellent sealing properties, runs air, water, oil, or gas up to 2,000 PSI NSCWP (non-shock cold WP)



SIZE in	CONFIGURATION	NSCWP	FORGED STEEL Part #
1	Threaded 206 Series	2000	039-HU206100
1-1/2	Threaded 206 Series	2000	039-HU206150
2	Threaded 206 Series	2000	039-HU206200
2-1/2	Threaded 206 Series	2000	039-HU206250
3	Threaded 206 Series	2000	039-HU206300
4	Threaded 206 Series	2000	039-HU206400
6	Threaded 206 Series	2000	039-HU206600

Hammer Unions



Hammer Unions 206 Series

FORGED STEEL Part #	SIZE in	CONFIGURATION	NSCWP
039-HUMF206400CS	4	Threaded 206 Series	2000

Features:

- One-piece design
- Interchangeable with current fittings
- Durable and safe with reliable hose retention
- No leak path as experienced with two-piece threaded systems



Hammer Unions 1502 Series

FORGED STEEL Part #	SIZE in	CONFIGURATION	NSCWP
039-HU1502200	4	Threaded 1502 Series	15000

For use in extreme high pressure applications running air, water, oil, gas, or mud up to 15,000 PSI NSCWP (non-shock cold WP)

Oil & Gas Industry Valves

JGB® Enterprises, a full line supplier of high-performing industrial valves to clients in the oil & gas industry including Butterfly Valves, Gate Valves, Check Valves, and more. Our relationship with national manufacturers and suppliers allow us to deliver the valves you need fast!



WAFER BUTTERFLY VALVE (Drop-in Style)

ANSI 125/150 Flange Capable

SIZES:	2" - 12"
PRESSURE:	200 PSI NSCP
FEATURES:	Short Neck, Notched Body, Pinless Disc, Lever, or Gear Operated
BODY MATERIAL:	Ductile Iron, Epoxy Coated
DISC MATERIALS:	Ductile Iron Nickel Plated, Aluminum Bronze, Stainless Steel, Nylon Coated
SEAT MATERIALS:	Buna, Viton
Stem:	Available in Double D or Square Stem, 416 Stainless Steel



WAFER BUTTERFLY VALVE

ANSI 125/150 Flange Capable

SIZES:	2" - 24"
PRESSURE:	200 PSI NSCP
FEATURES:	4 Alignment Holes, Pinless Disc, Lever, or Gear Operated
BODY MATERIAL:	Ductile Iron, Epoxy Coated
DISC MATERIALS:	Ductile Iron Nickel Plated, Aluminum Bronze, Stainless Steel
SEAT MATERIALS:	Buna, EPDM, Natural Rubber
STEM:	Double D Style, 416 Stainless Steel

Oil & Gas Industry Valves



LUG STYLE BUTTERFLY VALVE

SIZES:	4" - 16"
PRESSURE:	200 PSI at ambient temperature (70°F)
FEATURES:	For use between two 150 lb. flanges - Will lock "open" or "closed"
BODY MATERIAL:	Ductile Iron, ASTM A536
DISC MATERIALS:	Aluminum bronze disc, ASTM B148, ALY 954
SEAT MATERIALS	Buna-N seal
STEM:	Stainless Steel top and bottom stems



CHECK VALVES

SIZES:	4" - 16"
PRESSURE:	4"-12": 200 PSI @ 150°F, 14"-16": 150 PSI @ 150°F
FEATURES:	Suitable for municipal and industrial applications
BODY MATERIAL:	Ductile Iron body with ASME Class 125 flanges
DISC MATERIALS:	Steel & fabric reinforced Buna-N
CAST BODY:	A536 60-45-12 Ductile Iron
STEM:	Lexide NK-511 (non-asbestos)

Oil & Gas Industry Valves



KNIFE GATE VALVES

SIZES:	4" - 16"
PRESSURE:	150 PSI CWP
FEATURES:	<ul style="list-style-type: none"> • Conforms to TAPPI TIS 405.8 face-to-face • Tested to MSS SP-81 • Full Port • Full lug body drilled and tapped to ASME Class 150 • Bi-directional shut-off resilient seated design




FLANGED GATE VALVES

SIZES:	2" - 16"
PRESSURE:	250 PSI Non Shock CWP
FEATURES:	Cast Iron
BODY MATERIAL:	Cast Iron Wedge
DISC MATERIALS:	Buna-N seal
STEM:	Bronze


Meets MSS SP-70, ASTM A126, AWWA C509, FM, and UL standards.

All JGB literature is available for download at www.jgbhose.com



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Large Diameter Hose (LDH) Program by JGB® Enterprises, Inc.
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- Standard sewer by-pass
- Well point jobs
- De-watering services
- Emergency response irrigation
- Flood zone

...we offer complete sales and service to develop the right assemblies for your application.

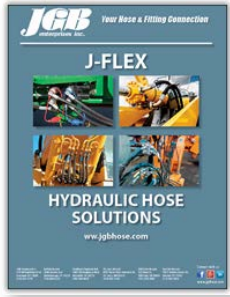


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JGB® stocks hose from manufacturers such as Gates, Kanaflex, Alfagomma, Kuriyama, Texcel, Continental ContiTech, Pacific Echo, Novaflex, Thermoid, and our own JGB® Private Brand hose. We look forward to being your "hose and fittings connection".



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 JGB® Enterprises, Inc. carries hydraulic hoses in the sizes, lengths & vacuum ratings for any low to high-pressure apparatus. Most of our hoses come with a choice of covers depending on usage conditions. Along with our bulk hose, JGB® custom assembles hydraulic hose in many variations. We also carry hydraulic fittings, adapters, and couplers to work with any type of machine.

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Midwest Region

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



Mid-Atlantic Region

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Charlotte, NC 28273
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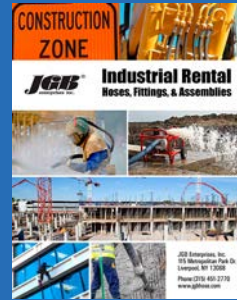
Gulf Coast Region

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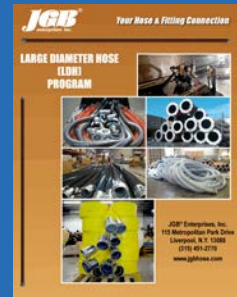
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