

Oilfield Hoses, Fittings, & Assemblies



DRILLING

EAGLE TANK® TRUCK 150	7
GATES BLACK GOLD SUPER-VAC (60-150)SD	7
EAGLE ARCTIC® OILFIELD 150 PSI TANK TRUCK HOSE	8
EAGLE TANK® TRUCK 300 PSI HOSE.....	8
EAGLE OILFLEX 150 PSI TANK TRUCK HOSE.....	9
EAGLE OILVAC® 150 PSI HOSE.....	9
ARCTIC EXTREMEFLEX™	10
CONTINENTAL CONTITECH PROSPECTOR™ BOP 3000	10
EAGLE SLIM HOLE ROTARY HOSE.....	11
CONTINENTAL CONTITECH PROSPECTOR™ SLIM HOLE ROTARY HOSE.....	11
EAGLE O.S.& D.® HOSE	12
CONTINENTAL CONTITECH PROSPECTOR™ FLEX OILFIELD 150.....	12
KURIYAMA FLEXOR RIG™ SLIM HOLE ROTARY DRILLING HOSE	13

CEMENTING

14

J-FLEX 12M SAE 100R12 HYDRAULIC HOSE.....	15
J-FLEX 13M SAE 100R13 HYDRAULIC HOSE	15
EAGLE BULK® MATERIAL HD HOSE (FRAC SAND DISCHARGE HOSE)	16
EAGLE HOT AIR® BLOWER HOSE	16

HYDRAULIC FRACTURING

17

CONTINENTAL CONTITECH PLICORD® FRAC HOSE	18
CONTINENTAL CONTITECH PLICORD® S&D FRAC.....	18
EAGLECHEM® UHMW CHEMICAL SUCTION & DISCHARGE HOSE	19

WATER TRANSFER	20
EAGLE PUMP® HD 150 .....	.21
CONTINENTAL CONTITECH SPIRAFLEX® 1600 .....	.21
KANAFLEX EPDM 300 .....	.22
KANAFLEX KANALINE SR. ....	.22
EAGLE WATER TRANSFER PU HD LAY FLAT HOSE .....	.23
EAGLE SUPER FLOW NITRILE DISCHARGE HOSE .....	.23
HEAVY DUTY NITRILE LAYFLAT WATER TRANSFER HOSE .....	.24
EAGLE COMPOSITE® FLEX-PUMP 200 PSI HOSE .....	.24
DRILLSITE SUPPORT	25
J-FLEX 1 1SN/SAE 100R1AT HYDRAULIC HOSE .....	.26
J-FLEX 2M 2SN/SAE 100R2AT HYDRAULIC HOSE .....	.26
J-FLEX 12M SAE 100R12 HYDRAULIC HOSE .....	.26
J-FLEX 10K JACK HOSE .....	.27
J-FLEX HOT OIL 2SC HOSE .....	.27
J-FLEX 13M SAE 100R13 HYDRAULIC HOSE .....	.28
J-FLEX 15M SAE 100R15 HYDRAULIC HOSE .....	.28
J-FLEX 17 SAE 100R17 HYDRAULIC HOSE .....	.28
EAGLE EPDM STEAM HOSE .....	.29
EAGLE AIR® WIRE REINFORCED HOSE .....	.29
ALUMINUM CAM & GROOVE COUPLINGS .....	.30
KING COMBINATION NIPPLES .....	.31
SIGHT GLASS (NPT THREADS) .....	.33
HAMMER UNIONS .....	.34
OIL & GAS INDUSTRY VALVES .....	.36

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 NO.	ID	OD	WP	BEND RADIUS	WEIGHT
	in	in	psi	in	lbs
009-0242-0125I	1-1/2	1.93	150	4	0.92
009-0322-0125I	2	2.48	150	7	1.10
009-0482-0124I	3	3.50	150	9	1.86
009-0642-0150I	4	4.61	150	15	2.72
009-0962-0150I	6	6.69	150	26	5.21
009-1282-0150I	8	8.9	150	40	8.40

* Full Vacuum

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 working pressures 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 NO.	NOM. ID		NOM. OD		MAX. W.P		SUCTION		MIN. BEND RADIUS		WEIGHT	
	in.	mm	in.	mm	psi	Mpa	in. Hg	mm Hg	in.	mm	lbs/ft	kgs/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 NO	ID	OD	BEND RADIUS	WORKING PRESSURE	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 NO.	ID	OD	MIN BEND RADIUS	WORKING PRESSURE	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 NO.	ID	OD	BEND RADIUS	WORKING PRESSURE	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 NO.	ID	OD	MIN BEND RADIUS	WORKING PRESSURE	WEIGHT
	in.	in	in	psi	lbs/ft
009-0322-0155I	2	2.40	3	150	0.93
009-0482-0155I	3	3.46	4	150	1.73
009-0642-0155I	4	4.49	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. W.P		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm	in.	mm	psi	Mpa	in.	mm	in.	mm	lb./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: 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 NO.	ID		OD		MAX. WORKING PRESSURE		MIN. BEND RADIUS		MIN. BURST PRESSURE		WEIGHT
	in.	mm	in.	mm	psi	Mpa	in.	mm	psi	Mpa	lb./ft.
BOP-06	3/8	9.5	1.11	28.2	3000	20.7	6.0	152	12000	82.7	0.75
BOP-08	1/2	12.7	1.19	30.2	3000	20.7	8.0	203	12000	82.7	0.81
BOP-12	3/4	19.1	1.49	37.8	3000	20.7	11.0	279	12000	82.7	1.22
BOP-16	1	25.4	1.84	46.7	3000	20.7	15.0	381	12000	82.7	1.74

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. WORKING PRESSURE †	MIN. BEND RADIUS		WEIGHT
in.	mm	in.	mm				in.	mm		lbs./100 ft.
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 NO.	ID		OD		MAX. WORKING PRESSURE		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" available in 131 FT Continuous Coils

Eagle O.S.& D.® Hose



- Application:** For oil/water suction and delivery service.
- 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)
- Stock Options:** 4", 6", 8", 10, and 12" IDs (10' and 20' lengths.)

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

PART NO.		ID	OD	WORKING PRESSURE	BEND RADIUS	WEIGHT *	
10'	20'	in	in	psi	in	lbs	
						10'	20'
009-0643-0010	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
009-2243-0010	009-2243-0020	14	15-3/4	250	68	573	845
009-2563-0010	009-2563-0020	16	17-3/4	250	78	765	1130

* Assembled weight

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. WORKING PRESSURE		BEND RADIUS	WEIGHT	
in.	mm	in.	mm	psi	Mpa	in.	lb./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. WORKING PRESSURE †	MIN BEND RADIUS	WEIGHT	COUPLING RECOMMENDATIONS
in.	mm	in.	mm			psi	in.	lbs./100 ft.	
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 NO.	HOSE ID in.	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
		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	0.93	4.92	0.56
182-7012-4000IM	3/4	4000	16000	1.20	5.90	0.84
182-7016-4000IM	1	4000	16000	1.50	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 13M SAE 100R13 Hydraulic Hose



Tube: Mineral, vegetable, and glycol based hydraulic oil resistant special synthetic rubber
Reinforcement: 4 or 6 high tensile steel spiral
Cover: Hydraulic oil, abrasion and weather resistant special synthetic rubber (MSHA Approved)
Temperature: -40 °F to 248 °F (257 °F intermittent)
Branding: J-FLEX 13M SAE 100R13M 5000 PSI

PART NO.	HOSE ID in.	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
		WORKING psi	BURST psi			lbs/ft
182-9012-5000IM	3/4	5500	22000	1.24	5.90	0.90
182-9016-5000IM	1	5500	22000	1.50	7.09	1.30
182-9020-5000IM	1 1/4	5000	20000	1.94	16.53	2.39
182-9024-5000IM	1 1/2	5000	20000	2.26	19.69	3.09
182-9032-5000IM	2	5000	20000	2.82	24.80	4.27

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



- Application:**
- Pneumatic transport of abrasive materials such as cement and 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 NO.	ID	OD	PLIES	TUBE CONSTRUCTION	WORKING PRESSURE	WEIGHT
	in.	in.			psi	lb./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 NO.	ID	OD	BEND RADIUS	WORKING PRESSURE	WEIGHT
	in.	in.	in.	psi	lb./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	lb./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	lb./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:** Clear Ultra High Molecular Weight polyethylene
- Reinforcement:** Multiple plies of high tensile textile with dual helix
- Cover:** Green abrasion resistant green EPDM (Available in red, blue, yellow black and grey, white and orange - with 400 ft order)
- Temperature:** Up to -40°F to +250°F
- Branding:** EAGLECHEM® CHEMICAL TRANSFER HOSE UHMWPE TUBE 240 PSI MAX WP
- Lengths:** 100 ft.

PART NO.	ID	OD	PLIES	MBR in.	VACUUM HG in.	WP psi	WT lb./ ft.	LENGTH ft.
006-0129-0240I	3/4	1.19	2	3.5	29	240	0.58	100
006-0166-0240I	1	1.47	2	4	29	240	0.63	100
006-0246-0240I	1 1/2	2.08	2	4	29	240	1.06	100
006-0326-0240I	2	2.58	2	6	29	240	1.33	100
006-0406-0240I	2 1/2	3.03	2	10	29	240	1.78	100
006-0480-0240I	3	3.61	2	16	29	240	2.12	100
006-0646-0240I	4	4.61	2	24	29	240	2.83	100

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	WORKING PRESSURE	VACUUM HG	BURST PRESSURE	BEND RADIUS	WEIGHT
	in.	in.	psi	in.	psi	in.	lb./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.	lb./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, 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	WORKING PRESSURE	VACUUM RATING	WEIGHT	STANDARD LENGTH
in.	in.	in.	72°F in.	72°F psi	72°F in./Hg	lb./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 working pressures. 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	WORKING PRESSURE	VACUUM RATING	WEIGHT	STANDARD LENGTH
in.	in.	in.	72°F in.	72°F psi	72°F in./Hg	lb./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



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: Through-the-weave technology

PART NO.	ID	OD	WORKING PRESSURE	BURST PRESSURE	WALL THICKNESS	TENSILE STRENGTH
	in.	in.	psi	psi	in.	lbs.
*	4	4-3/16	200	600	0.150	22000
*	5	5-3/16	200	600	0.150	26400
008-0960-0150PU	6	6-5/16	200	600	0.150	33000
008-1280-0150PU	8	8-5/16	200	600	0.170	89000
008-1600-0150PU	10	10-3/8	200	600	0.170	100100
008-1900-0150PU	12	12-7/16	150	450	0.180	134000
*	16	16-7/16	100	300	0.190	

* Call for availability.

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 NO.	ID	THICKNESS	WEIGHT	WORKING PRESSURE	END PULL	BEND RADIUS
	in.	in.	lb./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	WORKING PRESSURE	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
	inch	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
inch	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
inch	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

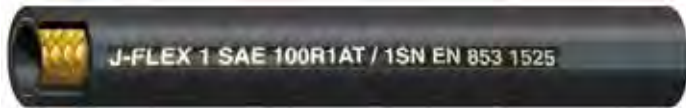
DRILLSITE SUPPORT

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



Cover: MSHA cover available

PART NO.	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



Cover: MSHA cover available

PART NO.	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



Cover: MSHA cover available

PART NO.	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 NO.	ID	OD	BEND RADIUS	WORKING PRESSURE	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 NO.	ID	OD	BEND RADIUS	WORKING PRESSURE	BURST PRESSURE	WEIGHT
	in.	in	in	psi	psi	lbs/ft
172-1024-2350IM	1.5	1.96	16.9	2350	7200	1.6

J-FLEX 13M SAE 100R13 Hydraulic Hose



Cover: MSHA cover available

PART NO.	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
182-9012-5000IM	3/4	5500	22000	1.24	5.90	0.90
182-9016-5000IM	1	5500	22000	1.50	7.09	1.30
182-9020-5000IM	1 1/4	5000	20000	1.94	16.53	2.39
182-9024-5000IM	1 1/2	5000	20000	2.26	19.69	3.09
182-9032-5000IM	2	5000	20000	2.82	24.80	4.27

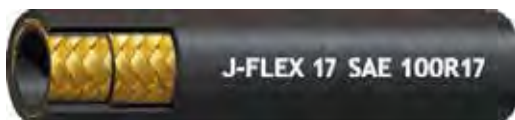
J-FLEX 15M SAE 100R15 Hydraulic Hose



Cover: MSHA cover available

PART NO.	HOSE ID	PRESSURE		HOSE OD	BEND RADIUS	WEIGHT
	in	WORKING psi	BURST psi			lbs/ft
182-5012-6000IM	3/4	6000	24000	1.26	10.43	1.01
182-5016-6000IM	1	6000	24000	1.51	12.99	1.34
182-5020-6000IM	1 1/4	6000	24000	1.94	17.51	2.39
182-5024-6000IM	1 1/2	6000	24000	2.25	20.87	3.12

J-FLEX 17 SAE 100R17 Hydraulic Hose



Cover: MSHA cover available

PART NO.	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 feet

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 NO.	ID	OD	MIN BEND RADIUS	WORKING PRESSURE	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: Steel wire reinforcement

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

Temperature: -22°F to 200°F

Lengths: 100 ft.

PART NO.	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

Aluminum Cam & Groove Couplings

Part A



SIZE in.	PART NO.
1 1/2	030-01024-824CI
2	030-01032-832CI
3	030-01048-848CI
4	030-01064-864CI
6	030-01096-896CI

Part E



SIZE in.	PART NO.
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 NO.
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 NO.
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 NO.
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 NO.
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 NO.
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 NO.
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.	BRASS Part #	ALUMINUM Part #	316 STAINLESS STEEL Part #	HASTELLOY Part #
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.	UNPLATED STEEL Part #	PLATED STEEL Part #	BRASS Part #
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.	ALUMINUM Part #	316 STAINLESS STEEL Part #	HASTELLOY Part #
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 NSCW (non-shock cold working pressure)



SIZE in.	CONFIGURATION	NSCW	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 NSCW (non-shock cold working pressure)



SIZE in.	CONFIGURATION	NSCW	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 NSCW (non-shock cold working pressure)



SIZE in.	CONFIGURATION	NSCW	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



SIZE in.	CONFIGURATION	NSCWP	FORGED STEEL Part #
4	threaded 206 series	2000	039-HUMF206400CS

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



SIZE in.	CONFIGURATION	NSCWP	FORGED STEEL Part #
2	threaded 1502 series	15000	039-HU1502200

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

Oil & Gas Industry Valves

JGB Enterprises, a full line supplier of high-performing industrial valves to its 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 NSCWP
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 NSCWP
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



Industrial & Specialty Hose products by JGB Enterprises, Inc.

JGB Enterprises, Inc. offers JGB Private Brand hoses including ...

- Petroleum Hose
- Air Hose
- Hydraulic Hose
- Material Handling Hose
- Water Hose
- Specialty Hoses



Large Diameter Hose (LDH) Program by JGB Enterprises, Inc.

JGB Enterprises, Inc. offers every style of industrial hose, fittings, and hose assemblies to the commercial sector. JGB leads the industry in the manufacturing of custom hose assemblies, including large diameter hose (LDH). Whether your application involves...

- 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.



Industrial Rental Hoses, Fittings, & Assemblies by JGB Enterprises, Inc.

JGB is proud of the high quality hose, fittings, & hose assemblies that we offer to the contractor & "do-it-yourselfer". For over 30 years JGB has served the farm, rental, construction & municipality markets, by providing hose solutions to customers across the nation.

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".



Large Diameter Hose (LDH) LAY FLAT Water Transfer by JGB Enterprises, Inc.


The LDH, or Large Diameter Hose market, is one of the fastest growing markets in our industry, specifically in the energy exploration sector. With the addition of the **Techmaflex PES-500 Large Bore Hose Assembly Machine**, we've expanded our production capabilities to meet the demand of these customers. JGB Enterprises is a one stop shop for all of your custom LDH Lay Flat hose assemblies.



J-FLEX, Hydraulic Hose Solutions by JGB Enterprises, Inc.

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.

Locations



Williston Branch
520 Bean Dr.
Williston, ND 58801
(701) 774-2195

Buffalo Branch
2540 Walden Ave.
Suite 150
Cheektowaga, NY 14225
(716) 684-8224

JGB Corporate
115 Metropolitan Dr
Liverpool, NY 13088
(315) 451-2770

St. Louis Branch
9707 Green Park Industrial Dr.
St. Louis, MO 63123
(314) 487-3144

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

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



Your Hose & Fitting Connection

ISO 9001:2008 Compliant



Connect with us:



www.jgbhose.com