



Your Hose & Fitting Connection

Large Diameter Hose (LDH) LAY FLAT Water Transfer



www.jgbhose.com

Click for directions:

New England Region
Liverpool, NY 13088
(315) 451-2770

Great Lakes Region
Cheektowaga, NY 14225
(716) 684-8224

Mid-Atlantic Region
Charlotte, NC 28273
(704) 588-9920

Midwest Region
St. Louis, MO 63111
(314) 256-0833

Gulf Coast Region
Pasadena, TX 77503
(281) 930-7777

LDH Lay Flat Water Transfer Hose

Polyurethane (PU)

Eagle Water Transfer PU 200 PSI for 8" & 10"

- Designed for irrigation, pumping of sledge and liquid fertilizers, supply or drag hose

- PU lining, Ribbed cover or smooth cover
- High-tenacity synthetic jacket
- Color: Black
- Packaged in rolls, packed in cartons or loaded in pallets
- [Extruded-Through-the-Weave](#) technology without - delamination issue
- Temperature Range is -58°F to 176°F

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



Nominal Size (in)	Working pressure (psi)	Burst pressure (psi)	OD (in)	Wall Thickness (in)	Tensile Strength (lbs)	Weight (lbs/ft)
6	200	600	6 5/16	0.150	33 000	1.41
8	200	600	8 5/16	0.150	89 000	1.94
10	200	600	10 3/8	0.165	100 100	2.75
12	200	450	12 7/16	0.165	134 000	3.33
14	150	450	14-1/2	0.205	178574	4.96
16	100	300	16 7/16	0.205	66140	5.09

JGB's PU Hose is rated for all produce water applications.

Powder Coated field ends are available for produce water applications.



LDH Lay Flat Water Transfer Hose

Nitrile Rubber

Heavy Duty Nitrile Layflat Water Transfer Hose



- Used for irrigation, pumping of sludge or liquid fertilizers
 - Nitrile Rubber with a smooth or ribbed cover
 - High-tenacity synthetic reinforced jacket
 - Available in black
 - Rolled, packed in carton, or loaded in pallet
 - Three-ply or through-the-weave technology without delamination issue
 - Standard Length 660 ft

Mfg. Technology: Through-the-weave-technology without delamination issues
(See Oroflex 20 PVC/Nitrile Rubber Discharge Hose)

ID		Wall Thickness		Maximum Length	Working Pressure	Bursting Pressure	Weight	Tensile Strength
(in)	(mm)	(in)	(mm)	(ft)	(psi)	(psi)	(lbs/ft)	(lbs)
8"	204	0.170	4.2	660	200	600	2.48	81,500
10"	254	0.170	4.2	660	200	600	3.02	100,000
12"	306	0.175	4.2	660	150	450	3.62	124,000

Couplings & Accessories

Grooved Couplings for Vic Type Clamps

- Designed for use in agriculture, energy, industrial, etc.

- **Features:**

- ◇ Full Bore design to minimize friction loss and increase flow.
- ◇ Sexless design to facilitate assembly and connection.
- ◇ Can be used with PVC/Nitrile or PU lay-flat hose.
- ◇ Light-weight aluminum design.
- ◇ Hard-coat anodized for abrasion resistance.



Epoxy powder coated for produced water available



**Standard Rigid Coupling
as well as QuickVic available.**



Field Attachable Ends

Large Diameter Shank Couplings (Shug-Grip Fittings)

- Designed for agricultural, energy and industrial applications.

- **Sizes:** 5", 6", 8" and 10"

- **Features:**

- ◇ Full Bore design to minimize friction loss and increase flow
- ◇ Sexless design to facilitate assembly and connection
- ◇ Unique connection design allows hose to twist independently of each other, even under pressure
- ◇ Gasket design improves sealing over Vic Clamp shank couplings
- ◇ Can be used with PVC/Nitrile or PU hose
- ◇ Light-weight aluminum design
- ◇ Hard coat anodized for abrasion resistance



- **Also Available:**

- ◇ Reducer/Increase
- ◇ Adapters to Cam & Groove
- ◇ Available with Storz ends
- ◇ Menders
- ◇ End Plugs

Eagle Water Transfer PU

Heavy Duty Polyurethane (PU) Layflat

16" ID Large Diameter Hose (LDH)

- Application:** Construction sites, waste water industry, agriculture and mining, transport of abrasive materials, flexible pipeline even in extreme terrain, irrigation and sludge disposal, for heavy duty service under toughest conditions. Perfectly prepared for hydraulic fraction in shales and oil fields.
- Tube:** PU
- Cover:** PU, Ribbed cover or smooth cover
- Reinforcement:** Polyester-Nylon textile
- Temperature:** -58°F to 176°F
- Branding:** EAGLE PU WATER TRANSFER
- Color:** Black standard, blue, green, or red upon request
- Package:** Rolled, packed on steel reel
- Standard Length:** 660 ft (200m)
- Mfg. Technology:** Through-the-weave-technology



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

ID	Nom. OD	Max WP	Burst	Tolerance	Wall Thickness	Tensile Strength	Weight
in	in	psi/bar	psi/bar	in	in	lbs	lbs/ft
16	16 7/16	100/8	300/20	15.98 - 16.14	0.21	66140	5.09

Friction Loss of Eagle TPU Polyurethane Layflat Hose

Flow Rate		Pressure Drop (bar/200m)				Remark
M3/h	Q{L/min}	10"	12"	14"	16"	
480	8000	0.36				Known Data
600	10000	0.56	0.22	0.10		
900	15000	1.26	0.48	0.22	0.12	
1200	20000	2.22	0.86	0.40	0.21	
Friction Losses (theoretical value)						
2400	40000	8.24	3.19	1.48	0.76	calculated value
Friction loss of coupling (bar)		0.43	0.20	0.11	0.06	
Total friction losses (bar)		8.67	3.39	1.59	0.82	



Our Capabilities:

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 hose assemblies.



Eagle Water Transfer PU arriving at a JGB distribution center.



Racked and ready for shipment to our customer.

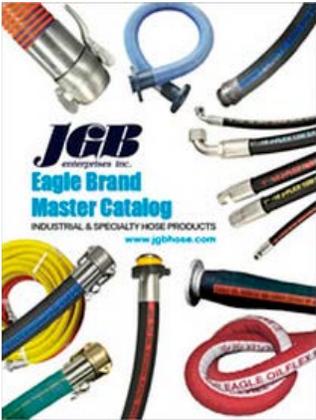


Crimped ends available on request.

*Non Field Attachable (Factory Crimped)
Sizes: 2" through 12"*

Visit www.jgbhose.com for more information.

For market specific catalogs visit www.jgbhose.com/hose-assemblies-fittings-by-market.



JGB Eagle Brand Catalog



LDH Catalog



Oilfield Catalog



Industrial Rental Catalog





Your Hose & Fitting Connection

Click for locations:



New England Region

115 Metropolitan Park Dr.
Liverpool, NY 13088
(315) 451-2770



Great Lakes Region

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



Midwest Region

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



Mid-Atlantic Region

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



Gulf Coast Region

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

Liverpool Location ISO 9001:2015 Certified QMS by Intertek



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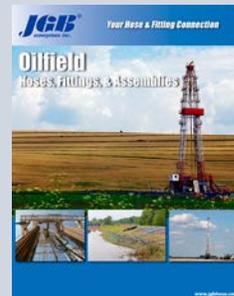
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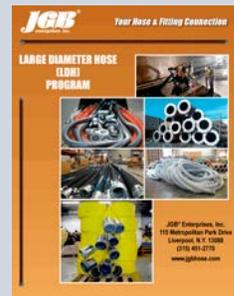
Disaster Relief Catalog



Industrial Rental Catalog
Hoses, Fittings & Assemblies



Oilfield Catalog
Hoses, Fittings & Assemblies



Large Diameter Hose
(LDH) Catalog

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