



# Kuriyama Oil & Gas Products Commercial Diving

## LIFESTAR® LD1283 Series

Commercial diving breathing air hose with the unique “Star Core” safety design.

### Construction:

- Core Liner – White, low odor, food grade polymeric compound.
- Reinforcement – Two layers of spiraled high tensile synthetic yarn.
- Cover Material – Black elastomeric compound.

### Features and Advantages:

- Made with a food grade polymeric compound to give the diver a clean breathing air passageway.
- This fresh air hose was made with cleanliness in mind.
- Capable of handling mixtures of oxygen, helium and nitrogen gases which are customarily used in diving applications.
- The LifeStar® “Star Core” safety design core tube may just be the most kink resistant Commercial Diving product on the market today. (Test data on kink resistant design can be provided upon request).



“Star Core Design”  
Keeps Air Flowing

- LifeStar® hose can be made in long continuous lengths.
- Meets MIL-H-2815G section 3.12.2 off-gassing for air breathing applications, especially commercial diving.
- Silicone-free core and cover.
- RoHS compliant.
- Tested to the highest standards.
- Standard package is a 1,200 ft. reel.



LifeStar® can also be used as part of an umbilical hose group.

**Service Temperature Range: -15°F (-26°C) to +150°F (+65°C)**

### Nominal Specifications

Series	Size Code	Nominal ID (in.)	Nominal OD (in.)	Max. Working Pressure (PSI) @ 70°F (20°C)	Min. Burst Pressure (PSI) @ 70°F (20°C)	Standard Length Reels (ft.)	Approx. Weight (lbs./100 ft.)
LD1283	06	0.400	0.750	1,125	4,500	1,200	18

### **NEW** Lifestar® LDR Series Brass Reusable Hose Fittings

### Nominal Specifications

Part Number	Description	Hose Size (in.)	Fitting Size (in.)	Thread (in.-TPI)	Weight Each (lb.)	Standard Carton
LDROXY-0606	Female Swivel Oxygen (UNF Threads)	3/8	3/8	9/16-18	0.19	200
LDRFJS-0606	Female Swivel JIC 37 Degree (UNF Threads)	3/8	3/8	9/16-18	0.19	200



Female Swivel Oxygen



Female Swivel JIC 37 Degree

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

**Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.**

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



# Assembly Instructions for LIFESTAR® Reusable Hose Fittings

ONLY USE KURIYAMA LIFESTAR® LDR SERIES FITTINGS ON LIFESTAR® HOSE



1. Inspect fitting closely for damage, especially on the threads. The threads on the stem and mating threads on the ferrule should not have any irregularities. Do not use any reusable hose coupling that is damaged.



2. Cut hose squarely with hose cutter. Hose end must be straight and clean. Apply a small amount of Lubricant to outside of hose end. Use only non-toxic lubricants.



3. Push ferrule onto end of hose and ensure it is started straight. Using the proper wrench on the ferrule, grasp hose firmly and turn counter clockwise until it bottoms out. (Do not over tighten)



4. Put a mark on the hose at the end of the ferrule.



5. Place assembly in a vice. Apply lubricant sparingly to the threads on the stem. Use only non-toxic lubricants.



6. Using the proper wrench, screw stem into ferrule and hose slowly until it bottoms against the ferrule. Do not over tighten or install with excessive force. If the stem is misaligned, damage will be caused to the fittings and hose.



< 3/16"

7. Measure the position of the mark on the hose at the end of the ferrule. If it has not moved more than 3/16", the fitting should have acceptable retention.

8. Before use, each assembly should be tested according to specific requirements for the application.

PLEASE REFER TO CURRENT KURIYAMA TERMS, CONDITIONS AND LIMITED WARRANTY OF SALES ISSUED 9/2005



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