

SPECIFICATIONS

Inflatable Leak Sealing System

Introduction

These purchase specifications cover the minimum requirements for a 56 lb. (25.4 kg.) Inflatable Leak Sealing System to be purchased by _____. This equipment is to be used by emergency personnel for sealing leaks, gashes, tears, and holes. This system will consist of the following Inflatable Leak Sealing Bags, components and accessories:

- Two Leak Sealing Bags
- Two Ratchet Belts
- Two Extension Belts
- One Hose
- Two Harnesses
- One Single Controller w/ Bypass Valve

Instructions to Bidders

Bidders shall conform as much as possible to these specifications. Exceptions or omissions must be set out in writing on a separate sheet entitled “Exceptions” which must accompany the bid. Failure to do so will result in automatic rejection of the bid.

The buyer shall be the sole interpreter of the intent of any clause of these specifications and shall be the sole judge as to whether the equipment or any part thereof complies with the specifications.

The buyer reserves the right to reject any and all bids, to waive informalities in bidding, to negotiate small options with the successful bidder and to accept the bid, which in the opinion of the buyer, will be in its best interests.

General Construction Features

Each Inflatable Leak Sealing Bag shall be constructed to a standard, which affords a 22-psi working pressure, irrespective of size and capacity. This design criterion shall be corroborated and certified by an independent source. Each Inflatable Leak Sealing Bag shall have a label placed prominently on it giving the following information:

- Maximum Working Pressure
- Date of Manufacture
- Serial Number
- Manufacturer’s Logo
- Series Identification

Dimensions and Capacities

The Inflatable Leak Sealing System shall adhere to the following designations and dimensions:

Quantity	Designation	Dimensions
1	Leak Sealing Bag	15 in. x 21 in. (38.1 cm. x 53.34 cm.)
1	Leak Sealing Bag	24 in. x 24 in. (60.96 cm. x 60.96 cm.)
1	Ratchet Belt (orange)	30 ft. (9.14 m.)
1	Ratchet Belt (yellow)	30 ft. (9.14 m.)
1	Extension Belt (orange)	20 ft. (6.1 m.)
1	Extension Belt (yellow)	20 ft. (6.1 m.)
1	Hose	16 ft. (4.88 m.)
1	Harness (for 24 in. x 24 in. / 60.96 cm. x 60.96 cm. Leak Sealing Bag)	
1	Harness (for 24 in. x 24 in. / 60.96 cm. x 60.96 cm. Leak Sealing Bag)	
1	Single Controller w/ Bypass valve	

Inflatable Leak Sealing Bags

Each Inflatable Leak Sealing Bag shall apply up to 22-psi of pressure over the damaged area to seal the leak. Each Inflatable Leak Sealing Bag shall be easy to inflate, chemical resistant with reinforced neoprene. Each Inflatable Leak Sealing Bag shall work effectively on both smooth and rough surfaces. Each Inflatable Leak Sealing Bag shall be able to control leaks and punctures in both stationary and mobile storage tanks.

Harness

A special harness design shall allow the Inflatable Leak Sealing Bags to slide into position easily.

Ratchet Belt

The Ratchet Belts shall be color coded to the extension belts and designed to secure and tighten the Inflatable Leak Sealing Bags into place.

Extension Belt

The Inflatable Leak Sealing System shall have additional strapping to ensure that the Inflatable Leak Sealing Bag is secure.

Hose and Single Controller w/ Bypass Valve

The Leak Sealing System shall contain a 16 ft. (4.88 m.) Air Hose and Control Valve to allow for a safe distance away from the hazard zone. The Air Hose shall be 3/8 in. (9.5 mm.) in diameter. The Single Controller shall have an inline relief valve.

Warranty

The seller shall be required to furnish a warranty on the complete Inflatable Leak Sealing System as described in these specifications for the service intended of the buyer. All equipment furnished by the successful bidder shall be warranted against all defects in material and workmanship for a period of at least one year from date of acceptance. The seller agrees to replace, without charge, any parts shown to be defective under the terms of this warranty.

Use, Care and Maintenance Manual

Seller shall provide an illustrated step-by-step guide on the use, care and maintenance of the Inflatable Leak Sealing System provided.