

SPECIFICATIONS

Inflatable Leak Sealing System

Introduction

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

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 affects 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

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. A special harness design allows the Inflatable Leak Sealing Bag to slide into position easily. The Leak Sealing Bags are available in five different sizes.

Wrap around Velcro Strap

Each Leak Sealing Bag contains multi directional strapping, which secures it into place for irregular surfaces.

Ratchet Belt

These Ratchet Belts are 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 Control Valve

Each Leak Sealing Bag contains a 16 ft. to 50 ft (5 m. to 15 m.) Air Hose and Control Valve to allow for a safe distance away from the hazard zone. Each Air Hose is 3/8 in. (9.5 mm.) in diameter.

Leak Sealing Plugs

All Leak Sealing Plugs shall be constructed of hardwood and neoprene. The molded neoprene plugs are designed to accept extension handles. The Plug Kit components consist of Long Wood Plugs, Long Neoprene Plugs, a 3 lb. non-sparking Brass Mallet and a composite case.

Manual Air Compressor

A compressed air source for that can be used with all Air Bags. All Working Air Cylinders are light and sturdy and an economical air supply for Air Bags and Air Operated Tools.

Quantity	Cu. ft (liters)	Includes: Valve & Gauge
1	13 (368.1)	
1	50 (1,415.8)	
1	80 (2,265.3)	

Nipples

The Inflatable Leak Sealing System shall contain an assortment of National Pipe Threaded Female (NPTF) and Male (NPTM) nipples.

Couplings

The Inflatable Leak Sealing System shall contain an assortment of National Pipe Threaded Female (NPTF) and Male (NPTM) couplings.

Tire Chuck

The Inflatable Leak Sealing System shall use a Locking Tire Chuck to draw air from truck tires or to inflate tires at a highway emergency. Locking chuck x nipple.

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.