

**4" Hose in 100' sections****208 sections each**

Hose shall be made from 100% high tenacity synthetic polyester yarn, circularly woven and completely protected by a through-the-weave extruded PVC/Nitrile rubber, forming a single homogeneous construction without the use of glues or adhesives of any type. Hose shall have a ribbed construction to aid abrasion resistance. Hose will meet or exceed requirements of NFPA 1961. Hose shall carry a 10-year written warranty against defects in materials and workmanship. Hose length shall be 100'. Tensile strength of the lining and cover shall not be less than 1200 psi.

Hose shall withstand 10,000 cycles on the Taber Abrasion Machine (H-22 Wheel: 0.5 kg), without exposing the liner.

Hose shall have a capability of use down to -35 °F. Hose shall have no apparent damage to cover, reinforcement or lining when subjected to the following cold flexibility test: a 50' length of dry hose is to be firmly coiled and placed in a cold box at -35 °F for a duration of 24 hours.

Immediately after removal of the hose from the box, hose should be uncoiled and laid out by one operator.

Hose shall show no visible signs of cracking to the lining or cover when tested in accordance to ASTM D518 Procedure B (100 pphm / 118 °F / 70 hours).

Exposure to sea water and contamination by most chemical substances, hydrocarbons, oils, alkalis, acids and greases must have no effect on the short or long term performance of the hose.

Couplings are as required by purchaser, expansion ring threaded, Storz clamp ring, etc.



**4" Hose Clamp            16 each**

Hebert HC6 hose clamp with mount. Clamp shall be Screw down type.

One side is hinged while the other is a spring controlled positive lever lock. Simple and easy to operate.

Clamp will not damage the hose. Can be applied by 1 person with ease, simple to operate and quick to release. Clamp will be made of steel and high strength aluminum alloy to last a lifetime. 6" Clamp opening on 6" clamp: 2.5"H x 15"W x 5.5"D. Mount will be included.



4" Storz x 2.5" NH Male 16each

Storz Side 1 – 4" Storz

Male Side 2 – 2.5" NH (NST) Male (National Hose / National Standard Thread)

Working Pressure – 300PSI Max

Test Pressure – 1000PSI Max

Material – T-6061 Aluminum (Aircraft Grade)

Finishing – Anodized (99.9% Lead Free)

NFPA Standards - 1963, 4.12, 5.1-5.6.4 (Corrosion Resistance)

Military Standards – MIL-A-8625 Type III, Class 1

Industrial Standards – International ASTM B221

UL Labs Standards – 236 – 8.1 Through 8.2

USDA Standards – 5100-190C Tables 1-4

Origin – Made In The USA

Warranty – 5 Year Manufacture



**4" Storz x 2.5" NH Female**

**16each**

Storz Side 1 – 4" Storz

Female Side 2 – 2.5" NH/ NST Female Swivel (National Hose/ National Standard Thread)

Working Pressure – 300PSI Max

Test Pressure – 1000PSI Max

Material – T-6061 Aluminum (Aircraft Grade)

Finishing – Anodized (99.9% Lead Free)

NFPA Standards - 1963, 4.12, 5.1-5.6.4 (Corrosion Resistance)

Military Standards – MIL-A-8625 Type III, Class 1

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Origin – Made In The USA

Warranty – 5 Year Manufacture



## **4" Storz x 6" NH Male**

Made In USA

Storz Side - 4.0 inch

The Storz Will Only Connect To A 4.0 inch Storz Adapter

Male Side - 6.0 inch NH / NST

The Male Will Only Connect To A Female 6.0 NH / NST

Locking Storz - Yes

Material - 6061-T6 Aluminum

Finish - Hard Coat Anodized

Complies With NFPA 1963 (Corrosion Resistance)

99.95% Lead Free



#### **4" Storz x (2) 2.5" NH Male Wye**

Standard 2-Way Ball Valves Mid-Size 2-way LDH ball valve for feeding two lines with one large line.

A lightweight valve with powder coating for a lasting finish. Hard anodized balls with stainless steel tappets for corrosion resistance. The design permits feed from either direction.



**4" Storz x (2) 2.5" NH Female Wye**

**16each**

Distributor Ball Valves

Mid-Size 2 way LDH ball valve for feeding two lines with one large line. A light weight valve with powder coating for lasting finish. Hard anodized balls with stainless steel tappets for corrosion resistance.

The design permits feed from either direction.



### 4" Storz x 4" NH Female Wye

The Harrington 2-Way Siamese Adapter is a light weight, single clappered Siamese for supplying one LDH line from two smaller lines.

#### Features:

Aluminum alloy is powder coated for long lasting finish and corrosion resistance

One clapper design will close off the non pressurized inlet while permitting flow from the pressurized inlet





**Ball Intake Valve**                      **16 each**

Akron Revolution

Compact Design

It's compact design saves valuable space on your pump panel. The Revolutionary handwheel blends in with the body and will not obstruct surrounding equipment on the pump panel.

Easy to Operate

It's also easy to grab and adjust, providing simple and easy operator control. Utilizing a ball sector for controlling water flow, the Revolution is reliable and robust providing years of hassle free operation.

Features:

- Swiveling intake elbow with locking pin (30 degree inlet)

- Robust, integrated Pyrolite patent-pending handwheel for easy operation

- Critical pump side waterway components constructed of non-corrosive stainless steel

- Durable, powder coated interior and exterior finish

- Optional Storz cap and chain

- Field adjustable relief valve between 50-250 psi (requires 7/8" wrench to adjust). Includes 1" NPT female thread so hose can be connected to redirect water to a desirable location

- Quick turn Bleeder valve operation - vents into relief discharge

- Built-in Open/Close position indicator on top of valve

- 2000gpm max flow

- All parts that stay in contact with water are constructed of stainless steel

- Field serviceable design

- NFPA 1901 compliant

Specifications:

- Style: 7982

- Weight: 40 lbs (18.1 kg)

- Material: Aluminum/Stainless Steel

- Brand: Revolution

- Swivel Inlet: 4" Storz

- Width: 14.25" (362 mm)

- Height: 12.3" (312 mm)

Depth: 15.9" (with Storz cap) (378 mm)

Inlet: Storz\*- 4" Full Time Storz Swivel x 6" NH Female

Operating Pressure: 250 psi

Flow (GPM): 2000

Flow (LPM): 7600

**INCLUDES Cap**



#### **4.5" NHT Female to 4" Storz Adapter**

Made In USA

Rigid Storz Side - 4.0 inch

The Storz Will Only Connect To A 4.0 inch Storz Adapter

Female Side - 4.5 inch NH / NST

The Female Will Only Connect To A Male 4.5 NH / NST

Locking Storz - Yes

Material - 6061-T6 Aluminum

Finish - Hard Coat Anodized

Complies With NFPA 1963 (Corrosion Resistance)



**Hose Roller**

**16 each**

Roller is constructed from lightweight materials and have a capacity for up to 5" LDH hose. Rollers are made from PVC to protect hose. Soft grip handles are standard.



**Spanner Wrench Set                      16 sets**

Powder Coated Storz Spanner Wrench (Fits 1 1/2" to 5" Storz)

Storz spanner wrench. Fits 1 1/2", 2", 2 1/2", 3", 4" and 5" Storz couplings. Aluminum powder coated tool that combines a Storz wrench with a universal rocker lug spanner wrench. Spanners have smoothly rounded edges. Wrench is stamped 2, 3, 4 and 5 for quick reference.

Length - 16"

Finish - Powder coated

Spanners have smoothly rounded edges

Fits 1 1/2" to 5" Storz couplings

Fits 1 1/2" and 2 1/2" rocker lug couplings

**Mounting Bracket included for 1 set. Set includes 4 each**



**LDH Transition fittings from thread to thread**

2.5" NHT Double Female	16 each
2.5" NHT Double Male	16 each
2.5" NHT Female to 1.5" NHT male reducer	16 each
4.5" NHT Female to 2.5" NHT Male reducer	<u>16</u> each
Total	64

**LDH Transition fittings from thread to Storz**

4" Storz to 5" Storz Adapter	16
2.5" NHT Female to 4" Storz	16
2.5" NHT Female to 5" Storz	16
2.5 NHT Male to 5" Storz	<u>16</u>
Total	64

## **LDH Hydrant Valve, remote controlled (LDH low friction loss hydrant valve)**

Hydrant Master with Remote Control - 4" Storz X 4" Storz - 900MHZ

The Hydrant Master is a lightweight, low friction-loss hydrant valve that can be used in many water distribution applications. The valve is powered by (4) AA batteries, pressure activated, and equipped with a power-save mode. A handheld controller with pressure display and valve position feedback controls the valve up to 1200 feet (366 m) away. Both the valve and handheld are equipped with backlighting for use in low-light situations. The valve opens and closes with a sliding plug which is compliant with NFPA 1965 slow close requirements. The valve's position is controlled by operating a control valve which can be moved manually, operated electronically from push buttons on the valve, or by wireless remote control.

### Features

Main LDH Waterway size (at valve seat) - 4.5" (114 mm)

Minimum Operating Pressure - 5 psi (0.7 Bar) NOT FOR SUCTION USE

Maximum Operating Pressure - 300 psi (20 bar)

Hydrostatic Proof Test Pressure - 900 psi (62 bar)

Temperature Rating\* - -25°F to 135°F (-32°C to 57°C)

Batteries - 4 AA batteries, Lithium recommended

Expected valve battery life - 140 hours lithium, 100 hours alkaline For temperatures below 32°F (0°C), valves must be drained after use to avoid damage





### **LDH Piston Intake Relief Valve 16each**

Traditional piston intake valve design used for pumper intake control. Provides the following features: a 30 degree integrated elbow, a field adjustable pressure relief valve and an air bleeder valve.

This is a stainless steel piston, sleeve and spindle for corrosion protection. Choose from a variety of sizes of Storz or NH connections.

Incorporated 250 PSI field adjustable pressure relief valve adjustable in increments of 25 degrees from 75- 250 PSI.

Friction loss at 1,000 GPM is 2.30 PSI

Intake-4" Storz

Output-6" NHT with lugs



**LDH Portable Hydrant/Manifold**

**16each**

Manifold is lightweight, compact unit is a simple, economical way to feed multiple small lines with one large line, and continue with a large line.

4" Storz to (4) 2.5" male

**To include Storz Cap**

