

Application Data

Important Safety Information

Read this page before using any of the information in this catalog.

This catalog is designed to be used as a guide in selecting the proper hose for the applications listed herein. It contains many cautions, warnings, guidelines, and directions for the safe and proper use of Boston hose. All these directions and footnotes should be read and understood before specifying or using any of these hoses.

Throughout this catalog, potentially harmful situations are highlighted with the following symbols.

 This symbol is used to indicate imminently hazardous situations which, if not avoided, will result in serious injury or death.

 This symbol is used to indicate potentially hazardous situations which, if not avoided, could result in serious injury or death.

 This symbol is used to indicate potentially hazardous situations which, if not avoided, may result in property or equipment damage.

Some of the most common problems in the chemical hose industry result from improper hose and coupling

selection, improper assembly techniques, failure to correctly inspect and test hose assemblies, and improper cleaning practices and hose assembly storage techniques.

In turn, these situations can lead to material leakage, spraying, spattering, end blow-offs, explosions, and other situations that may result in serious personal injury and property damage.

Personal injuries caused by improper hose assembly specification, installation, and usage could include cuts and abrasions, serious burns, irreparable eye damage, or even death.

Therefore, for your safety and the safety of others working around you, Eaton strongly urges you to read and comply with all safety information printed in this publication.

 **WARNING:** Failure to properly follow the manufacturer's recommended procedures for the care, maintenance and storage of a particular hose may result in its failure to perform in the manner intended and may result in serious injury, death, and damage to property.

 **WARNING:** Testing can be dangerous and should be done only by trained personnel using proper tools and procedures. Failure to follow such procedures might result in serious injury, death, or damage to property.

Consult the coupling manufacturer to make sure you choose the correct coupling and proper assembly for the application, or contact Eaton Technical Support.

Before using any hoses in this catalog, consult the safety section in this catalog, and Chemical Compatibility Chart on page 21 or Boston Hose Chemical Resistance Guidelines. If you do not have the most recent copy, contact Eaton Customer Support at 1-888-258-0222.

Selection of Hose

Selection of the proper Boston hose for an application is essential to the proper operation and safe use of the hose and related equipment. Inappropriate hose selection may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying

fluids or flying projectiles. To avoid serious bodily injury or property damage resulting from selection of the wrong hose, you should carefully review the information in this catalog. Some of the factors to consider in proper hose selection are:

- hose size
- hose length
- hose ends
- fluid conveyed
- bends
- temperature
- hose pressure
- static head pressure
- installation design

These factors and the supplemental information contained in this catalog should be considered in selecting the proper hose for your application. If you have any questions regarding the proper hose for your application, please contact Eaton at 1-888-258-0222.

Application Data

Important Safety Information

Proper Selection of Hose Ends

Selection of the proper Boston hose end or coupling is essential to the proper operation and safe use of hose assemblies and related equipment. Inadequate attention to the selection of the end fittings may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from selection of an incompatible hose end or coupling, you should carefully review the information in this catalog. Some of the factors which are involved in the selection of the proper hose couplings are:

- fluid compatibility
- temperature
- installation design
- hose size
- corrosion requirements
- fluid conveyed

The given hose and hose end selection factors and the other information contained in this catalog should be considered by you in selecting the proper hose end fitting for your application.

If you have any questions regarding the use of hose/hose ends, please contact Eaton Technical Support at 1-888-258-0222.

Hose Installation

Proper installation is essential to the proper operation and safe use of the hose assembly and related equipment.

Improper hose assembly installation may result in serious injury or property damage caused by spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from improper hose assembly installation carefully review the information in this catalog. Some of the factors to be considered when installing a hose assembly are:

- hose elongation or contraction
- proper bend radius/hose routing under pressure
- elbows and adapters to relieve strain
- protection from rubbing or abrasion high temperature sources
- protection against excessive movement
- twisting from pressure spikes/surges

These hose assembly installation factors and the other information in this catalog should be considered by you before installing the hose assembly. If you have any questions regarding proper hose installation, please contact Eaton Technical Support at 1-888-258-0222.

Hose Maintenance

Proper maintenance of the hose is essential to the safe use of the hose and related equipment. Hose should be stored in a dry place. Hose should also be visually inspected. Any hose that has a cut or gouge in the cover that exposes the reinforcement should be retired from service. Hoses should also be inspected for kinking or broken reinforcement. If the outside diameter of the hose is reduced by 20% or more, the hose should be repaired or removed from service. Inadequate attention to hose maintenance may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.

Coll-O-Crimp Hose, Hose Ends and Assembly Equipment Compatibility

The Coll-O-Crimp Equipment Package, Coll-O-Crimp Hose Ends and Coll-O-Crimp Hose have been engineered and designed as a complete hose assembly system. Each component of the Coll-O-Crimp hose assembly system is compatible with other Coll-O-Crimp components to which it relates. Component compatibility, along with the use of quality components, insures the production of reliable hose assemblies when assembled properly. The use or intermixing of fittings and hose not specifically engineered and designed for use with each other and Coll-O-Crimp equipment is not recommended and may result in the production of unsafe or unreliable hose assemblies. This can result in hose assembly leakage, hose separation or other failures which can cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.

Hose

Specialty Service Intro

Important Specialty Service Hose Safety Information!

WARNING: Testing can be dangerous and should be done only by trained personnel using proper tools and procedures. Failure to follow such procedures might result in serious injury, death, or damage to property.

WARNING: Failure to properly follow the manufacturer's recommended procedures for the care, maintenance, and storage of a particular hose may result in its failure to perform in the manner intended and may result in serious injury, death, or damage to property.

WARNING: Do not use chemical hose at temperatures or pressures above those recommended by the manufacturer. All operators must be thoroughly trained in the care and use of this hose and must at all times wear protective clothing. A hose or system failure could cause the release of a poisonous, corrosive or flammable material.

WARNING: Consult with the Coupling Manufacturer to make sure you choose the correct coupling and proper assembly for the application. Such matching of hose and couplings, and assembling of couplings, should be performed only by trained personnel using proper tools and procedures. Failure to follow manufacturer's instructions or failure to use trained personnel may result in serious bodily injury and/or property damage.

WARNING: Never use a hose to transfer material it is not specifically meant to transfer. Doing so could deteriorate the hose and result in leaking, hose bursting, or end blow-offs. This could lead to serious personal injury or death. Always transfer material in a hose that is designed specifically to transfer that material. This information is listed in this catalog.

WARNING: Consider both working pressure and pressure surges when determining "maximum" pressure. Failure to select a hose that meets both these requirements could lead to end blow-offs, hose leakage, and hose bursting. The result could be serious injury or death. The Boston hose you choose must meet or exceed the required working pressure, and must have a safety factor to allow for surge pressure.

WARNING: Do not use hose at temperatures that exceed the hose temperature rating. Doing so could deteriorate the hose, leading to leaks, hose bursting, and end blow-offs. This could result in serious personal injury or death.

WARNING: Selection of the proper hose for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to selection of hose for the application can result in serious bodily injury or property damage. In order to avoid serious bodily injury or property damage resulting from selection of the wrong hose, you should carefully review the information in this catalog.

Specialty Services Hose Benefits

4:1 Safety Factor (Burst: Working Pressure)

- Safer operation. Longer hose life

Remove the Guesswork from Selecting, Buying and Using Critical Application Hose

- When you're handling easily contaminated or hazardous material, it is critical to select the proper hose. The high visibility branding and color coding of Boston removes the guesswork for hose selection.

Environmental Resistance

- The tube and cover materials of Boston hose products are designed to assure maximum hose life at a superior value to the customer. Specialty service Boston hoses are sophisticated transfer products for demanding jobs. Exceptional aging, weathering and heat resistant properties keep the hose flexible and easy to use.

Permanent Branding for Easy Identification


- The name of the hose and the working pressure are molded into the hose cover...can't rub off. This makes hose selection on the job quicker, easier and safer.

The Boston Reputation for Quality

- Your assurance of dependable performance.

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Hot Tar Pumping



Tube: Nitrile (RMA Class A)
Reinforcement: Wire, 2 Braid
Cover: CPE/Pinpricked
Color: Black
Temperature Range: +350°F
Type Of Branding: Impression
Working Pressure: 250 PSI
Type Of Coupling: Wolf Coupling, 430 'U' Series, Interlocking or Steel Nipple. Clamps—Interlocking

Features:

- CPE cover
- Nitrile tube
- Continuous permanent brand/black cover

Advantages:

- Abrasion, oil, heat, and weather resistant
- Oil and heat resistant; handles intermittent temperatures of hot tar up to 400°F
- Easy identification
- Assures proper use

Markets:

- Road Construction
- Roof Construction


Applications:

- Convey hot tar/asphalt in road projects
- Convey hot tar

PRODUCT NUMBER	NOMINAL I.D. (IN.)	NOMINAL I.D. (MM)	BRAID	NOMINAL O.D. (IN.)	NOMINAL O.D. (MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MINIMUM BEND RADIUS (IN.)	MINIMUM BEND RADIUS (MM)	STANDARD LENGTH (FT)
H960316	1	25.4	2	19/16	39.7	90	250	12	304.8	50
H960316-100										100
H960316-150										150

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Chemforce



Tube: PVC/Polyurethane Blend
Reinforcement: Fiber, 2 or 4 Spiral
Cover: PVC
Color: Yellow (YW), Green (GN) or Blue (BU)
Temperature Range: +15°F to +160°F
Type Of Branding: Unbranded
Working Pressure: 250, 600, 800 PSI
Type Of Coupling: Barbed Inserts. Clamps—Brass Collar. **Do not use internal expanded couplings.**

Features:

- Polyurethane/PVC blend tube
- Durable non-marking PVC cover
- Light weight
- Color availability
- Non-conductive
- Factory tested to exceed minimum electrical resistivity of one megohm per inch at 1000 volts D.C.

Advantages:

- Compatible with hydrocarbon based aromatic chemicals for pest control
- Excellent abrasion resistance
- Good ozone resistance
- Easy to handle and store
- Easy identification for color coded applications

Markets:

- Agriculture
- Nursery
- Orchard
- Landscape
- Lawn Care Services

Applications:

- Weed and pest control spraying; suitable for use with aromatic based hydrocarbons


PRODUCT NUMBER	NOMINAL I.D. (IN.)	(MM)	SPIRAL	NOMINAL O.D. (IN.)	(MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MTO* MIN. ORDER QTY.	STANDARD COILS (FT)
H156006-300R	3/8	9.5	2	13/20	16.5	13	250	3,000	300(GN)
H156008-300R	1/2	12.7	2	21/25	21.3	17	250	3,000	300(GN)
H156012-300R	3/4	19.1	2	1-1/40	26.0	35	250	3,000	300(GN)
H156106-300R	3/8	9.5	4	13/20	16.5	13	600	—	300(YW)
H156108-300R	1/2	12.7	4	21/25	21.3	17	600	—	300(YW)
H156110-300R	5/8	15.9	4	39/40	24.8	27	600	3,000	300(YW)
H156112-300R	3/4	19.1	4	1-7/50	29.0	35	600	—	300(YW)
H156206-300R	3/8	9.5	4	13/20	16.5	14	800	3,000	300(BU)
H156208-300R	1/2	12.7	4	21/25	21.3	21	800	—	300(BU)
H156212-300R	3/4	19.1	4	1-7/50	29.0	36	800	3,000	300(BU)

Stated working pressures are tested at 70°F. Working pressure decreases as temperature increases. See chart on page 14 showing the relationship between working pressure and temperature for reinforced PVC hose.

* MTO - Made to Order

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Hydrocarbon Drain



Tube: Nitrile (RMA Class A)
Reinforcement: Wire, 2 Braid
Cover: Chlorinated Polyethylene (CPE)/Pinpricked
Color: Blue
Temperature Range: +350°F
Type Of Branding: Printed Strip
Working Pressure: 250 PSI
Type Of Coupling: Wolf Coupling or Interlocking.
 Clamps—Interlocking.

Features:

- CPE cover
- Nitrile tube
- Blue cover

Advantages:

- Temperature, oil, and abrasion resistant
- Oil resistant
- Easy identification in color code systems

Markets:

- Petroleum


Applications:

- Hydrocarbon drain service

PRODUCT NUMBER	NOMINAL I.D. (IN.)	NOMINAL I.D. (MM)	BRAID	NOMINAL O.D. (IN.)	NOMINAL O.D. (MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	STANDARD LENGTH (FT)
H969012-150	3/4	19.1	2	1-5/16	34.1	60	250	150

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Nitrogen Service



Tube: Nitrile
Reinforcement: Fiber, 4 Spiral
Cover: Neoprene/Pinpricked
Color: Yellow (YW), Blue (BU)
Temperature Range: Ambient (70°F)
Type Of Branding: Ink Print
Working Pressure: 300 PSI
Type Of Coupling: 'U' Series, Barbed Inserts, Long Shank. Clamps—Interlocking, Band.

Features:

- Neoprene cover
- Nitrile tube
- Continuous permanent brand
- Flexible

Advantages:

- Abrasion, age, and oil resistant
- Abrasion and oil resistant
- Easy identification
- Easy to handle

Markets:

- Chemical/Petroleum Industry

Applications:


- Transfer of nitrogen at ambient temperatures

PRODUCT NUMBER	NOMINAL I.D. (IN.) (MM)		SPIRAL	NOMINAL O.D. (IN.) (MM)		APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MTO* MIN. ORDER QTY.	STANDARD LENGTH (FT)
H881108-250	1/2	12.7	4	7/8	22.2	23	300	40 pieces	5-50's(YW)
H881112-250	3/4	19.1	4	1-3/16	30.2	38	300	—	5-50's(YW, BU)
H881112-600R									600 (BU)

*MTO - Made to Order

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Kelly Power



Tube: Nitrile (RMA Class A)
Reinforcement: Wire, 4 Spiral
Cover: Neoprene
Color: Black
Temperature Range: -40°F to +250°F
Type Of Branding: Printed Strip
Working Pressure: 3000 PSI
 4:1 Safety Factor
Type Of Coupling: 430 'U' Series.

Features:

- Neoprene cover
- Neoprene tube
- Patch brand

Advantages:

- Abrasion, oil and weather resistant
- Good oil resistance
- Easy identification

Markets:

- Oil Exploration
- Drilling

Applications:


- Rotary drilling on portable drilling rigs, work over rigs, and slim hole rigs

PRODUCT NUMBER	NOMINAL I.D. (IN.)	NOMINAL I.D. (MM)	SPIRAL	NOMINAL O.D. (IN.)	NOMINAL O.D. (MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MINIMUM BEND RADIUS (IN.)	MINIMUM BEND RADIUS (MM)	STANDARD LENGTH (FT)
H037732	2	50.8	4	2-21/32	67.5	310	3,000	25	635	50*

*150's available on request.

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Nyall



Tube: Nylon

Reinforcement: Fiber, 1 or 2 Braid

Cover: Neoprene (BK), Vinyl Nitrile (RD)

Red—RMA Class B Oil Resistance

Color: Black (BK), Red (RD)

Temperature Range: -30°F to +160°F

Type Of Branding: Ink Print

Working Pressure: 500-750 PSI

Type Of Coupling: 'U' Series, Barbed Inserts, Quick Acting or Steel Nipple. Clamps—Interlocking, Band.

Features:

- Neoprene cover
Vinyl Nitrile cover
- Nylon tube
- Continuous permanent brand
- High working pressure multi-purpose hose

Advantages:

- Abrasion, oil and weather resistant
- Compatible with many fluids (See Chemical Resistance Chart)
- Excellent flow rate
- No swelling
- Easy to clean
- Easy identification
- Wide variety of applications

Markets:

- Agriculture
- Equipment Rental
- Assembly/Manufacturers
- Chemical/Petroleum Industry
- Lumber/Paper/Pulp Industry
- Food Processing Industry
- Construction
- Ship Building


Applications:

- Fertilizer and pesticides spray
- General service application; convey air, water, oils, paints, etc.
- Transfer of chemicals, solvents, paints, glues, and petroleum products (See Chemical Resistance Chart)
- Paint spray
- Convey air, water, and fuels; paint spray

PRODUCT NUMBER	NOMINAL I.D. (IN.)	I.D. (MM)	BRAID	NOMINAL O.D. (IN.)	O.D. (MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	STANDARD REELS (FT)
H194104-500R	1/4	6.3	1	1/2	12.7	10	500	500(RD, BK)
H194105-500R	5/16	7.9	1	9/16	14.3	13	500	500(BK)
H194106-500R	3/8	9.5	1	11/16	17.5	15	500	500(RD, BK)
H194108-500R	1/2	12.7	1	25/32	19.8	19	500	500(RD)
H194208-500R	1/2	12.7	2	7/8	22.2	26	750	500(RD, BK)
H194212-500R	3/4	19.1	2	1-3/16	30.2	40	750	500(RD)
H194216-300R	1	25.4	2	1-1/2	38.1	56	500	300(RD)

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Blackcat Hot Tar & Asphalt



Tube: Nitrile

Reinforcement: 2 Fiberglass Plys and Helical Wire

Cover: Neoprene

Color: Black

Temperature Range: +350°F

Type Of Branding: Printed Strip

Suction: Full Vacuum

Working Pressure: 200 PSI (Depending on Coupling)*

Type Of Coupling: Cam and Groove or Swaged/Crimped. Clamps—Interlocking or Band (only for pressures up to 50 PSI).

Features:

- Neoprene cover
- Nitrile tube
- Continuous printed brand and caution label every ten feet
- Fiberglass braid

Advantages:

- Abrasion, oil and weather resistant
- Heat and oil resistant
- Handles intermittent temperatures of hot tar up to +400°F
- Light weight
- Easy to handle
- Longer life
- Easy identification
- Assures proper use

Markets:

- Tank Trucks
- Construction
- Oil Field
- Manufacturing Plants

Applications:

- Loading or unloading, pumping, suction, or gravity flow discharge; transfer of hot tar
- Transfer of asphalt in roofing shingle plant


PRODUCT NUMBER	NOMINAL I.D. (IN.)	(MM)	PLY	NOMINAL O.D. (IN.)	(MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MINIMUM BEND RADIUS (IN.)	(MM)	STANDARD LENGTH (FT)
H037232-150	2	50.8	2	2-15/16	74.6	234	200	7	177.8	150
H037240-150	2-1/2	63.5	2	3-7/16	87.3	285	200	10	254.0	150
H037248-150	3	76.2	2	3-15/16	97.6	333	200	10	254.0	150
H037264-150	4	101.6	2	4-31/32	126.2	453	200	12	304.8	150

Handles intermittent temperature of hot tar and asphalt up to +400°F.

*Please contact Eaton Technical Support for applications at continuous elevated temperatures above 250°F.

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Boston Blackcat Hot Tar & Asphalt Corrugated



Tube: Nitrile
Reinforcement: 2 Fiberglass Plys and Helical Wire
Cover: Neoprene
Color: Black
Temperature Range: +350°F
Type Of Branding: Printed Strip
Suction: Full Vacuum
Working Pressure: 200 PSI (Depending on Coupling)*
Type Of Coupling: Cam and Groove, Combination Nipple, or Swaged/Crimped. Clamps—Interlocking or Band (only for pressures up to 50 PSI).

Features:

- Neoprene cover
- Nitrile tube
- Continuous printed brand and caution label every ten feet
- Fiberglass braid

Advantages:

- Abrasion, oil and weather resistant
- Heat and oil resistant
- Handles intermittent temperatures of hot tar up to +400°F
- Light weight
- Easy to handle
- Longer life
- Easy identification
- Assures proper use

Markets:

- Tank Trucks
- Construction
- Oil Field
- Manufacturing Plants

Applications:

- Loading or unloading, pumping, suction, or gravity flow discharge; transfer of hot tar
- Transfer of asphalt in roofing shingle plant


PRODUCT NUMBER	NOMINAL I.D. (IN.)	I.D. (MM)	PLY	NOMINAL O.D. (IN.)	O.D. (MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAXIMUM WORKING PRESS. (PSI)	MINIMUM BEND RADIUS (IN.)	RADIUS (MM)	STANDARD LENGTH (FT)
H061632	2	50.8	2	3	76.2	234	200	5	127	50
H061632-100										100
H061632-150										150

Handles intermittent temperature of hot tar and asphalt up to +400°F.

**Please contact Eaton Technical Support for applications at continuous elevated temperatures above 250°F.*

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Bulldog Fuel Oil Delivery



Tube: Nitrile (RMA Class A)
Reinforcement: Fiber, 2 Braid
Cover: Vinyl Nitrile
Color: Red
Temperature Range: -40°F to +180°F
Type Of Branding: White Ink Print
Working Pressure: 250 PSI
Type Of Coupling: Internally Expanded Permanent Petroleum Couplings or Reattachable Fuel Oil Couplings

Features:

- Neoprene cover
- Nitrile tube
- Continuous printed brand and caution label every ten feet
- Fiberglass braid

Advantages:

- Abrasion, oil and weather resistant
- Heat and oil resistant
- Handles intermittent temperatures of hot tar up to +400°F
- Light weight
- Easy to handle
- Longer life
- Easy identification
- Assures proper use

Markets:

- Tank Trucks
- Construction
- Oil Field
- Manufacturing Plants


Applications:

- Loading or unloading, pumping, suction, or gravity flow discharge; transfer of hot tar
- Transfer of asphalt in roofing shingle plant

PRODUCT NUMBER	NOMINAL I.D. (IN.)	(MM)	BRAID	NOMINAL O.D. (IN.)	(MM)	APPROX. LBS. WEIGHT PER 100 (FT)	MAXIMUM WORKING PRESS. (PSI)	STANDARD LENGTH (FT)
H90120-150	1-1/4	31.8	2	1-3/4	44.5	65	250	150
H90122-150	1-3/8	34.9	2	1-55/64	47.0	75	250	150
H90124-150	1-1/2	38.1	2	2	50.8	85	250	150

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Boston Black Line Liquid Propane Gas (LPG)



Tube: Nitrile

Reinforcement: Fiber Braid
(1" has 2 Stainless Steel Static Wires)

Cover: Vinyl Nitrile, Pinpricked

Color: Black

Temperature Range: -40°F to +140°F (Hose is capable of this rating. LP-Gas should never be elevated above 100°F)

Standards: UL 21 Approved LP-Gas/Natural Gas

Type Of Branding: Ink Print

Working Pressure: LP-Gas 350 PSIG Max WP
Natural Gas 1 PSIG Max WP
5:1 Safety Factor on 350 PSIG

Type Of Coupling: Boston 'U' Series.

Features:

- Neoprene cover
- Nitrile tube
- Continuous printed brand and caution label every ten feet
- Fiberglass braid

Advantages:

- Abrasion, oil and weather resistant
- Heat and oil resistant
- Handles intermittent temperatures of hot tar up to +400°F
- Light weight
- Easy to handle
- Longer life
- Easy identification
- Assures proper use

Markets:

- Tank Trucks
- Construction
- Oil Field
- Manufacturing Plants

Applications:

- Loading or unloading, pumping, suction, or gravity flow discharge; transfer of hot tar
- Transfer of asphalt in roofing shingle plant

PRODUCT NUMBER	NOMINAL I.D. (IN.)	(MM)	BRAID	NOMINAL O.D. (IN.)	(MM)	APPROX. LBS. WEIGHT PER 100 (FT)	MAXIMUM WORKING PRESS. (PSIG)	STANDARD REELS* (FT)	MIN. BEND RADIUS (INCH)
H90004-500R	1/4	6.3	1	37/64	14.7	12	350/1	500	3
H90006-500R	3/8	9.5	1	23/32	18.3	17	350/1	500	4.5
H90008-500R	1/2	12.7	1	29/32	23.0	24	350/1	500	6
H90012-500R	3/4	19.1	2	1-15/64	31.4	41	350/1	500	9
H90016-150	1	25.4	2	1-1/2	38.1	52	350/1	150	12
H90016-500R								500	

*All lengths on reels are in 50' increments.




WARNING: Natural gas transfer applications:

- Hose should only be used in open, well ventilated areas.
- Maximum working pressure should not exceed 1 PSIG (UL Specification).
- Not for use in vehicles using compressed natural gas.

Hose

Specialty Service Hoses

 Refer to warnings and safety information on pages 3-4 and page 71.

Chemical Booster



Tube: Synthetic Rubber

Reinforcement: Textile, 2 Braid

Cover: Synthetic Rubber

Color: Red

Temperature Range: -40°F to +180°F

Type Of Branding: White Ink Print

Working Pressure: 800 PSI

Type Of Coupling: Spanner Hole Type - Chrome Plated Aluminum or Polished Brass

Features:

- Synthetic rubber cover
- Synthetic rubber tube
- Braided reinforcement

Advantages:

- Abrasion, ozone and weather resistant.
- Resistant to fire fighting chemicals.
- Best coupling retention for safe, high pressure service.

Markets:

- Fire Fighting Equipment

Applications:

- Pressure booster hose on fire fighting equipment.

PRODUCT NUMBER	NOMINAL I.D. (IN.) (MM)		BRAID	NOMINAL O.D. (IN.) (MM)		APPROX. LBS. WEIGHT PER 100 (FT)	MAXIMUM WORKING PRESS. (PSI)	STANDARD LENGTH (FT)
82-5751-22	3/4	19.1	2	1-1/4	31.8	56	800	50
82-5751-42	3/4	19.1	2	1-1/4	31.8	56	800	100
82-5751-82	3/4	19.1	2	1-1/4	31.8	56	800	200
82-5752-22	1	25.4	2	1-19/32	40.5	81	800	50
82-5752-42	1	25.4	2	1-19/32	40.5	81	800	100
82-5752-62	1	25.4	2	1-19/32	40.5	81	800	150
82-5752-82	1	25.4	2	1-19/32	40.5	81	800	200



WARNING:

Consult the coupling manufacturer to make sure you choose the correct coupling and proper assembly for the application.

Before using this hose, consult the chemical resistance chart or Boston Hose Chemical Resistance Guidelines.

If you do not have a most recent copy, contact Eaton.

Consult the coupling manufacturer to make sure you choose the correct coupling and proper assembly for the application or contact Technical Support.