


Hose

Low Working Pressure

 Refer to warnings and safety information on pages 3-4 and page 38.

Boston Polyforce II



Tube: PVC

Reinforcement: Fiber, 2 Spiral

Cover: PVC/Pinpricked

Color: Red (RD), Blue (BU), Yellow (YW)

Temperature Range: -10°F To +150°F

Type Of Branding: Ink Print

Working Pressure: 125-250 PSI

Type Of Coupling: 'E' Series, 265 'P' Series, Barbed Inserts, Quick Acting or Long Shank. Clamps—Single Bolt, Brass Collar or Band.

Do not use internal expanded couplings.

Features:

- Light weight
- Flexible
- PVC tube
- PVC cover
- 95% one piece reels and coils
- Continuous permanent brand
- Factory tested to exceed minimum electrical resistivity of one megohm per inch at 1000 volts D.C.

Advantages:

- Easy to handle
- Easy to route
- Moderate oil resistance
- Abrasion, age, ozone and moderate oil resistance
- Economical; less waste
- Easy identification

Markets:

- Assembly/Manufacturers
- Light Chemical Processing
- Construction
- Food processing
- Metal Working
- Mining
- Oil Industry
- Paper/Pulp Processing
- Plywood/Chip Board Manufacturing
- Ship Building

Applications:

- Transfer air and water
- Air tools
- Water supply
- Robotics
- Water washdown
- Lubricated air

PRODUCT NUMBER	NOMINAL I.D. (IN.)	(MM)	SPIRAL	NOMINAL O.D. (IN.)	(MM)	APPROX. LBS. WEIGHT PER 100 FT.	MAX. WORKING PRESS. (PSI)	MTO* MIN. ORDER QTY.	STANDARD LENGTH (FT)
H27503-600R*	3/16	4.8	2	27/64	10.7	6	250	6,000	600*(RD)
H27504	1/4	6.4	2	1/2	12.7	7	250	—	50(RD,BU,YW)
H27504-600R									600*(RD,BU,YW)
H27505-600R*	5/16	7.9	2	33/64	13.1	8	250	6,000	600*(RD)
H27506	3/8	9.5	2	5/8	15.9	12	250	—	50(RD,BU,YW)
H27506-600R									600*(RD,BU,YW)
H27508	1/2	12.7	2	3/4	19.1	15	250	—	50(RD,BU,YW)
H27508-500R									500*(RD,BU,YW)
H27510-500R	5/8	15.9	2	57/64	22.6	21	250	—	500*(RD)
H27512	3/4	19.1	2	1-1/32	26.2	23	250	—	50(RD)
H27512-500R									500*(RD)
H27516	1	25.4	2	1-5/16	33.3	34	200	—	50(RD)
H27516-200R									200**(RD)
H27520-100	1-1/4	31.8	2	1-11/16	42.9	52	200	—	100**(RD)
H27524-100	1-1/2	38.1	2	1-15/16	49.2	61	200	—	100**(RD)
H27532-100	2	50.9	2	2-1/2	63.5	91	125	—	100*(RD)

Stated working pressures are tested at 68°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