

## ADDITIONAL TUBING INFORMATION

### AIR HOSE

Our air hose is manufactured using PVC compounds and is reinforced with polyester braiding. The red outer covering is abrasion, heat and ozone resistant in addition to being non-marking. It is ideal for high temperature and high pressure applications, while providing maximum fitting retention. This rugged hose is made to contain most air and water applications.

**Make:** Polyester Braided PVC

**Color:** Red

**Hardness:** Shore A, Durometer, 80+/-3

**Pressure Range:** 150 - 300 psi

**Brittle Point:** -50°F

**Max. Operating Temp:** +175°F

### BILGE HOSE

The bilge hose is designed with corrugated, ultra-low polyethylene that allows for high operating temperature stability. It has a high tear strength and impact puncture resistance. This tubing is an excellent choice for marine applications, sump pump and all discharge operations where no vacuum is present. It features molded cuffs every foot for easy use without additional fittings.

**Make:** Low Density Polyethylene

**Color:** White

**Tensile Strength:** 3040psi

**Toxicity:** Non-toxic

**Brittle Point:** +10°F

**Max. Operating Temp:** +140°F

### BRAIDED VINYL TUBING

Polyvinyl chloride reinforced with polyester braiding has four times the working pressure of single wall PVC tubing. The streamlined bore maximizes flow and reduces sediment buildup. It handles a wide array of chemicals, gas and liquids with excellent resistance to acids, alkalis and many other solvents. This tubing is the perfect choice for severe operating conditions and is a go to item for hydraulic, pneumatic and vacuum lines.

**Make:** Polyester Reinforced PVC

**Color:** Clear

**Hardness:** Shore A, Durometer 83+/-3

**Toxicity:** NSF Listed Materials

**Pressure Range:** 70-250psi

**Max. Operating Temp:** +175°F

### BLACK VINYL TUBING

Polyvinyl chloride is manufactured to exact specifications using NSF listed materials. The streamlined bore maximizes flow and reduces buildup. This black PVC tubing is UV and ozone resistant which makes it the perfect choice for cooler supply lines, drainage lines and protective insulation in water gardens. It is also safe to use with fish tanks. **Do not use with ice makers.**

**Make:** Polyvinyl Chloride

**Color:** Black

**Hardness:** Shore A, Durometer, 83+/-3

**Toxicity:** NSF listed materials

**Pressure Range:** 25-55psi

**Max. Operating Temp:** +175°F

## CLEAR VINYL TUBING

Our clear poly tubing is manufactured to exact specifications which gives it the flexibility of rubber and the clarity of glass. The streamlined bore maximizes flow and reduces buildup. This PVC tubing handles an array of chemicals, gases, and liquids. It is a perfect choice for resistance against acids, alkalis and many solvents, it makes a superior drainage line and can be used for protective insulation. **Do not use with ice makers.**

**Make:** Polyvinyl Chloride

**Color:** Clear

**Hardness:** Shore A, Durometer, 83+/-3

**Tensile Strength:** 1550psi

**Toxicity:** NSF listed materials

**Pressure Range:** 19-55psi

**Brittle Point:** -40°F

**Max. Operating Temp:** +175°F

## DISCHARGE HOSE

The discharge hose is designed with corrugated, ultra-low polyethylene that allows for high operating temperature stability. It has a high tear strength and impact puncture resistance. This tubing is an excellent choice for marine applications, sump pump and all discharge operations where no vacuum is present. It features molded cuffs every 3 feet for easy use without additional fittings.

**Make:** Low density polyethylene

**Color:** White

**Tensile Strength:** 3040psi

**Toxicity:** Non-toxic

**Brittle Point:** +14°F

**Max. Operating Temp:** +140°F

## DISPOSAL HOSE

Use in general operations for the transfer of water, wash down de-watering and irrigation. Use it for discharge or gravity flow of water, salt water and mild diluted acids in construction, agriculture, mining, rock dusting, well point systems, septic systems or equipment rental. It is lightweight and flexible, Works well for large volume transfer operations. **Note: Not recommended for use for sand or gravel.** For proper use, allow liquid to flush through hose for several minutes before using. When use the hose, no kink is allowed, please keep it straight and balanced.

**Make:** PVC Material & Polyester Reinforced

**Color:** Black

**Toxicity:** Non-Toxic

**Brittle Point:** -22°F

**Max. Operating Temp:** +150°F

## FUEL HOSE

Our fuel hose is built to last with reinforced polyester braiding and a addition that is oil, grease and ozone resistant. It is made of PVC compounds blended with special additives for use with petroleum products. **Note: 1) No intended for Fuel Injection Applications 2) Not intended for potable water 3) For proper use, allow liquid to flush through hose for several minutes before using 4) When using this hose, no kinks can be present 5) Do not leave hose under pressure when not in use 6) Keep the hose away from fire**

**Make:** PVC Compounds & Polyester Reinforced

**Color:** Transparent Orange

**Hardness:** Shore A, Durometer, 80+/-3

**Oil Resistance:** Excellent

**Pressure Range:** 133psi

**Brittle Point:** -22°F

**Max. Operating Temp:** +150°F

## GARDEN HOSE

Tinted polyvinyl chloride compounds reinforced with braided tire cord and nylon yarn combine to make a good strong hose. Our exclusive small window braiding gives added strength not present in other comparably priced garden hoses. This design provides good flexibility along with an abrasion and UV resistant cover for durability.

**Make:** PVC with Nylon Cord

**Color:** Green

**Hardness:** Shore A, Durometer, 80+/-3

**Toxicity:** Non-toxic

**Working Pressure:** 125psi

**Brittle Point:** -95°F

**Max. Operating Temp:** +150°F

## HEATER HOSE

Our heater hose is manufactured with lightweight EPDM rubber reinforced with multiple textile plies. It has great resistance to heat, ozone and weather conditions with limited oil resistance. It is designed for use with automotive coolant under standard operating temperatures and pressures. This tubing can also be used as a dishwasher or washing machine discharge hose.

**Make:** EPDM Rubber

**Color:** Black

**Hardness:** Shore A, Durometer, 75+/-3

**Bend Radius:** 6" - 9"

**Working Pressure:** 80-105psi

**Brittle Point:** -40°F

**Max. Operating Temp:** +212°F

## LATEX HOSE

This natural latex tubing maintains its flexibility under extreme temperatures from subzero to steam sterilization. Its elastic properties are unaffected by repeated stretching and pulsing. A smooth outer and inner surface offers good flow characteristics and strong fitting retention. This tubing is a superior choice for drain tube o-ring gaskets, elastic bands, photographic chemicals, tourniquet bands and shock absorbers.

**Make:** Natural Latex Rubber

**Color:** Amber

**Hardness:** Shore A, Durometer, 35+/-3

**Tensile Strength:** 3500psi

**Toxicity:** NSF listed materials

**Brittle Point:** -70°F

**Max. Operating Temp:** +185°F

**Elongation:** 750%

## POLY TUBING

Low density polyethylene is manufactured to exact specifications from FDA listed material. This tubing is odorless, tasteless, flexible, lightweight and very easy to handle and cut. It has excellent resistance to many solvents, acids, alkalis and fuels. The natural milky-white color allows fluid levels and flow to be visually monitored. Polyethylene naturally resists cracking and makes excellent drinking water and pneumatic control lines.

**Make:** Low Density Polyethylene

**Color:** White

**Hardness:** Shore D, Durometer, 80+/-3

**Tensile Strength:** 2550psi

**Toxicity:** NSF listed materials

**Pressure Range:** 85-165psi

**Brittle Point:** -42°F

**Max. Operating Temp:** +125°F

**Elongation:** 365%

## VACUUM HOSE

This vacuum hose utilizes high grade, corrugated ultra-low density polyethylene. This design offers high melting temperatures, superior flexibility and high puncture & tear resistance. The non-marking cover is abrasion resistant and crush-proof. This line is perfect for vacuum applications.

**Make:** Low Density Polyethylene  
**Color:** Blue  
**Toxicity:** Non-toxic  
**Max Vacuum, Inches of Mercury:** 29  
**Brittle Point:** +14°F  
**Max. Operating Temp:** +140°F

## SUCTION HOSE

Our suction hose is designed for General purpose of suction and discharge liquid fertilizer and granular materials. This hose is reinforced with a helical PVC stiffener. It's surface is smooth so can be easy clamping. The clear hose call part for full visual flow monitoring.

**Note: 1)** Not recommended for sand or gravel suction **2)** For proper use, allow liquid to flush through hose for several minutes before using **3)** When use the hose, no curvature or kinking can be present. Keep the hose straight and balanced **4)** Do not use for drinking water

**Make:** Flex and Rigid PVC  
**Color:** White  
**Hardness:** Shore A, Durometer, 70+/-3  
**Toxicity:** Non-toxic  
**Bend Radius:** 8"-4" @ +68°F  
**Working Pressure:** 14-90psi  
**Brittle Point:** -22°F  
**Max. Operating Temp:** +150°F

## SPA HOSE

PVC compounds reinforced with a rigid PVC spiral helix make spa-flex strong, flexible and easy to handle. It conforms to any shape or contour and is specifically sized to be glued over barbs or into standard PVC fittings. This tubing is a superior choice for spas, jetted tubs, whirlpools or other open systems. The rugged construction makes this equally useful as a light suction or vacuum discharge hose. Excellent di-electric strength with no breakdown, It can also be used as a conduit to run protected electrical, cable, phone or fiber optic lines **Note: 1)** For proper use, allow liquid to flush through hose for several minutes before using **2)** Do not installations in continual sunlight **3)** Do not leave hose under pressure when not in use **4)** Do not spray water into an electrical outlet. Severe electrical shock could result **5)** Do not use for drinking water

**Make:** PVC with Rigid PVC Helix  
**Color:** White  
**Hardness:** Shore A, Durometer, 75+/-3  
**Toxicity:** Non-toxic  
**Bend Radius:** 4"-8" @ +68°F  
**Working Pressure:** 14-100psi  
**Brittle Point:** -22°F  
**Max. Operating Temp:** +150°F

## UTILITY HOSE

The utility hose is constructed of rugged, lightweight EPDM rubber reinforcer with synthetic cord. It has excellent heat, ozone and weather resistance with limited oil resistance. The design of this hose makes it a superior choice for agricultural spray and construction site applications where strength and versatility are a must. It is also ideal for general air and water applications.

**Make:** EPDM Rubber  
**Color:** Red  
**Hardness:** Shore A, Durometer, 75+/-3  
**Working Pressure:** 200psi  
**Brittle Point:** -40°F  
**Max. Operating Temp:** +180°F