

Loc-Line® Materials and Properties Information

Standard Hose and Fittings:



Colors: Blue, Orange, Black, White, Grey
Material: Acetal Copolymer

Compatibility:

Yes: Acetone, Alcohol, Ethyl, Greases, Oils, Commercial Dish Detergents, Gasoline, Lacquer Solvents, Sodium Hydroxide

No: Acids, Ammonium Hydroxide, Bases Strong, Hypochlorite Ion Solutions, Sodium Hypochlorite

Melting Point: 329° F

Maximum Operating Temperature: 170° F *(Repeated exposure over this temperature will cause fatigue)*

Acid Resistant Hose and Fittings:

Colors: Yellow

Material: Polyester

Compatibility:

Yes: Acids under 150F, Alcohols, Aromatic Solvents, Gasoline, Grease, Hydrocarbons, Oils, Salt Solutions

No: Acetone, Chlorinated Solvents, Bases Strong, Ethyl Acetate, Water Hotter than 150F

Melting Point: 475°

Maximum Operating Temperature: 170° F *(Repeated exposure over this temperature will cause fatigue)*

Vacuum Hose and Fittings:

Colors: Blue, Orange

Material: Acetal Copolymer

PVC Adapter: PVC

Compatibility: *(See Standard Acetal Hose)*

Anti-static Vacuum Hose

Color: Black

Material: Electro Conductive Acetal Copolymer

(Anti-Static Surface Resistance: 1.000E3 Ohms. Volume Resistance: <6.000E2 Ohms)

General Mechanical Properties:

Line Pressure & Flow Rates:

1/4" System 30-50 PSI 250 gal/hour

1/2" System 20-30 PSI 478 gal/hour

3/4" System 10-20 PSI 1,140 gal/hour

Please note that all applications have variables and conditions that will affect the maximum hose pressures. Testing is always recommended whenever possible.