



## How to Select a Hose:

Several things must be known before the proper hose can be selected for any hose application. The acronym STAMPED can be the key to having the required information in most cases.

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| <b>Size</b>        | Hose ID, OD & Length?                                     |
| <b>Temperature</b> | Environment & Product Temperature?                        |
| <b>Application</b> | How is the hose being used?                               |
| <b>Material</b>    | Substance being conveyed and compatibility with the hose? |
| <b>Pressure</b>    | PSI or Suction?                                           |
| <b>Ends</b>        | What fittings do you need?                                |
| <b>Delivery</b>    | How soon do you need the hose?                            |

**STAMPED** checklist:

### **SIZE**

- Inside Diameter
- Outside Diameter
- Hose Length (OAL or uncoupled length)
- Tolerances

### **TEMPERATURE**

- Of Material Being Conveyed (high, low, ambient)
- Of Outside Exposure (high, low, ambient)
- Intermittent?
- Constant?
- Sub-Zero Exposure

### **APPLICATION(S)**

- Indoor and/or Outdoor Use
- Intermittent or Continuous Use
- Flexing Required (min. bend radius)
- Movement (static, vibrations, flexing)

### **EXTERNAL CONDITIONS**

- Abrasion
- Oil
- Solvents
- Acid
- Ozone
- Electrical/Static Conductive

### **OIL RESISTANCE**

- Tube
- Cover
- Flame Resistance
- Noncontaminating Materials
- Hose Currently in Use
- Current Hose Service Life/Failure Description
- Service Life Desired

**MATERIAL(S) BEING CONVEYED**

- Solids (size, description)
- Gaseous (volatility, inert)
- Liquids (flammability, causticity, acid/alkaline, solution/concentration)
- Chemical Names (generic)

**PRESSURE(S)**

- Working Pressure (including surges/spikes)
- Burst Pressure
- Suction or Vacuum Requirements
- Velocity
- Impulse

**ENDS & FITTINGS**

- Type of Threads
- Male/Female
- Reusable/Non-reusable
- Material for Fittings
- Swivel or Non-Swivel
- Straight or Bent Tube
- Fitting 1 & 2 Orientation
- Other
- Cut to Length
- Crimp Specs or Crimper Used

**DELIVERY**

- Required Date
- Quantity
- Testing
- Tagging
- Special Packaging