



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.

SIZE	Hose inside / outside diameter & Length?
TEMPERATURE	Environment & media temperature?
APPLICATION	How is the hose being used?
MATERIAL	Media being conveyed?
PRESSURE	Operating pressure or vacuum requirement?
ENDS	Coupling type & material?
DELIVERY	Required date, and what additional testing /tagging is needed?

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 Rigid
- Straight or Bent Tube
- Fitting 1 & 2 Orientation
- Cut to Length (uncoupled)
- Crimp Specs or Crimper Used

DELIVERY

- Required Date
- Testing
- Tagging
- Cleaned & capped
- Special Packaging