ECHELON SUPPLY AND SERVICE

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SIZE

What is the hose inside diameter (I.D.) and length required to meet the application requirements?

» (i.e. 3” x10 ft). Size is one of the most critical pieces of information to gather when making hose assemblies. We have hose professionals on-site to ensure you get the correct hose assembly for your specific application.

TEMPERATURE

What are the maximum & minimum temperatures of the product conveyed through the hose assembly, including cleaning and environment?

» Temperature is extremely important when selecting the correct hose for the application at hand.

APPLICATION

What is the hose being used for?

» Application refers to the environment in which the hose will be exposed to. This includes the configuration, orientation, routing and aspect of the hose. Other considerations include bend radius requirements, flexibility and elongation considerations.

MATERIAL

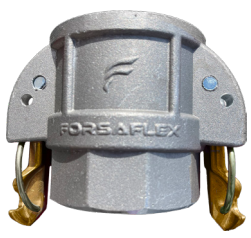
What material or substance will flow through the hose assembly?

» Specific materials (abrasive, chemical, gases, etc.) often require specific hose design parameters to be sufficiently contained and adequately utilized. This is an important piece of information we will need when offering a recommendation for the hose that is suited for the job at hand. Media velocity and flow rate, the chemical and concentration, solids, description and size should also be noted.

PRESSURE

What is the maximum working pressure of your application?

» In the hose world, pressure is typically referred to as PSI (pounds per square inch). Hoses can rated for suction as low as 29.92 in.-Hg (full vacuum) or as high as 20,000 psi for extreme hydraulic applications.



ENDS

What type(s) of fittings are required for the application?

» There are various methods for coupling a section of hose with fittings – ranging from male or female, NPT or Pipe Thread, JIC, Sanitary Tri-Clamp, Cam & Groove, Grooved end, etc. The style, type, orientation and attachment methods, among others, are included in this section. Uncoupled or coupled hoses, hoses with built-in fittings, end styles, materials and dimensions, and conductivity requirements should also be noted.

DELIVERY

How soon do you need it?

» Testing, quality, packaging, certification, shipping and delivery requirements for specific customer.