

## Selecting the Proper Hose Assembly

In order to obtain the best service from any particular hose application, two important conditions must be fulfilled.

- 1) Select the right hose for the job.
- 2) Make sure that it is fitted correctly and used in the proper manner.

Carefully consider the application requirements. A helpful guide is the S.T.A.M.P.E.D. process. S.T.A.M.P.E.D. is an acronym and stands for the seven major information areas required to provide a quality hose assembly

**S SIZE** - ID, OD, and length of the assembly

**T TEMPERATURE** - includes temperature of fluid conveyed and the climatic conditions

**A APPLICATION** - the conditions of use, including abrasion, flexing and routing

**M MATERIAL** - type of material conveyed, including composition and concentration

**P PRESSURE** - hose assembly working pressure and surge or back pressure

**E ENDS** - definition of the fitting, including thread type, gender, bent tube, swivel and orientation

**D DELIVERY** - time allowed for delivery, including testing, quality assurance and packaging

To assist in obtaining and conveying information regarding the application, a copy of the S.T.A.M.P.E.D. application form is included in this catalog. This inquiry sheet can be sent to any Continental ContiTech authorized distributor for a hose recommendation.

### Please Note:

A hose should always be selected based on its **rated working pressure**. Do not use **minimum burst pressure** as a guideline in selecting the hose. Minimum burst pressure decreases over the use and life of the hose. A hose should be selected based on its rated working pressure to provide a normal service life. In addition, always select a hose by giving consideration to its recommended temperature limits. Hose service life is reduced if the temperatures of the fluids being conveyed or ambient temperatures exceed the recommended limits.

# S.T.A.M.P.E.D. Form

<b>Size</b>	
ID	
OD	
Hose Length (OAL or unclpd. lgth.)	
Tolerances	
<b>Temperature</b>	
of Material Being Conveyed	
(high, low, ambient)	
of Outside Exposure (high, low, ambient)	
Intermittent?	
Constant?	
Sub-Zero Exposure	
<b>Application(s)</b>	
Indoor and/or Outdoor Use	
Intermittent or Continuous Use	
Flexibility Required (min. bend radius)	
Movement (static, vibrations, flexing)	
<b>External Conditions:</b>	
Abrasion	
Oil	
Solvents	
Acid	
Ozone	
Electrical/Static Conductive	
<b>Oil Resistance:</b>	
Tube	
Cover	
Flame Resistance	
Noncontaminating Materials	
Hose Currently in Use	
Current Hose Service Life/Failure Description	
Service Life Desired	
<b>Material(s) Being Conveyed</b>	
Solids (size, description)	
Gaseous (volatility, inert)	
Liquids (flammability, causticity, acid, alkaline, solution/concentration)	
Chemical Names (generic)	

<b>Pressures(s)</b>	
Working Pressure (including surges)	
Burst Pressure	
Suction or Vacuum Requirements	
Velocity	
Impulse	
<b>Ends &amp; Fittings</b>	
Type of Threads	
Male/Female	
Reusable/Nonreusable	
Material for Fittings	
Swivel or Non-Swivel	
Straight or Bent Tube	
Fitting 1 & 2 Orientation	
Other	
Cut to Length	
Crimp Specs or Crimper Used	
<b>Delivery</b>	
Lead Time	
Quantity	
Stock/Nonstock	
Special Print	
Special Packaging	
<b>Other Information</b>	
Customer:	Date:
Customer No:	
Ship To:	
Bill To:	
Telephone:	Fax:

Bolded block areas MUST be filled out on all inquiries.