



## HOW TO SPECIFY A HOSE

Whatever the application you are designing a hose for, it is essential to get the specification right to ensure optimal performance.

To make specifying a hose easier, utilise the STAMPED process:



**SIZE**

Check for:

- Inside diameter
- Outside diameter



**TEMPERATURE**

- Temperature of the material being conveyed (i.e. high, low, ambient)
- Temperature of the external environment
- Whether the temperature is intermittent or constant



**ALLOY**

- Service temperature range
- Strength
- Corrosion resistance
- Chemical compatibility



**MOTION**

- Static (one time routing) or dynamic motion (flexing and cycling)
- Vibration
- Minimum bend radius



**PRESSURE**

- Maximum working pressure
- Safety factor and burst pressure
- Flow rate
- Impulse or pressure surges



**ENDS**

- Male or female
- Fitting type and material
- Swivel or non-swivel
- Orientations and alignment



**DISTANCE**

- Hose length (overall, live length, seat to seat)
- Tolerances

S.T.A.M.P.E.D | SPECIFYING A HOSE



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