

PIPE-FLO[®]

X-Link Data Codes

Use these parameter codes in your spreadsheet equations.

```
pfeQuery("name", "code")  
pfeAssign("name", "code", "value")  
pfeTotalList("name", "code")  
pfeAverageList("name", "code")
```

Example: =pfeQuery("Pump{001}", "calc.pumppower")

global.Lineup	The current lineup
global.Filename	The name (and path) of the current PIPE-FLO project
design.Name	Name of the object
design.Elevation	Node elevation (equivalent to design.InletElev)
static.ControlType	The type of a control, "FCV", "PRV", or "BPV"
calc.Status	Results status (ie, pipe reversed, pump out of range, etc).
calc.Flow	Flow rate
calc.Pressure	Pressure
calc.Velocity	Velocity
calc.dp100	Pipe dP per 100
calc.dP	Pipe dP
calc.PumpTDH	Pump total developed head
calc.PumpSpeed	Pump speed
calc.PumpNPSHa	Pump NPSHa
calc.PumpPower	Pump power
calc.PumpEff	Pump efficiency
calc.DeviceDP	Device dP
calc.PercentOpen	Percent open for a control. May be blank if unknown
fluid.Density	Density
fluid.Viscosity	Viscosity

Shortcut Keys

Zoom In & Out:	Roll the mouse wheel
Pan the FLO-Sheet:	Press and hold the mouse wheel
Return to Selection Tool:	Esc key
Undo an Action:	Ctrl + Z
Redo an Action:	Ctrl + Y
Graph:	Ctrl + G
View & Change Lineups:	Ctrl + L
Draw a Pipeline:	Ctrl + D
Calculate a System:	F5
View System Settings:	F10
Zoom to Extents:	F11
View or Hide the List:	F12
Create a Vertex:	Hold Ctrl + click on pipe + drag
Design a Selected Object:	Press Enter or F3

3 Steps to Building Your System Quickly

Use design files:

Create templates that contain pipe project specifications, units and fluid zones to streamline the process.

Use the group copy feature:

Copy individual objects, groups of objects and designated pipelines, pumps, and components.

Place Items on the FLO-Sheet:

Place objects on the FLO-Sheet first, then draw the connecting pipelines. Place large items first - pumps, controls, tanks and components. Establish elevations. You don't have to "break" pipelines to insert objects.

 EngineeredSoftware, Inc.

www.eng-software.com

1-800-786-8545