

**FLOW COEFFICIENT,  $C_v$  vs ESEOD\***

<b>ESEOD (INCH)</b>	<b><math>C_v</math></b>	<b>TUBING SIZE - REF. (INCH, O.D.)</b>
.062	.07	1/8
.125	.30	3/16
.172	.58	1/4
.297	1.7	3/8
.391	3.0	1/2
.484	4.6	5/8
.609	7.1	3/4

<b>ESEOD (INCH)</b>	<b><math>C_v</math></b>	<b>PIPE SIZE - REF. (INCH, I.D., NOM.)</b>
.125	.30	1/8
.250	1.2	1/4
.375	2.7	3/8
.500	4.8	1/2
.625	7.3	5/8
.750	10.8	3/4
1.00	19	1
1.25	30	1-1/4
1.50	43	1-1/2
2.00	76	2
2.50	120	2-1/2

- FLOW COEFFICIENT,  $C_v$ , BY DEFINITION, IS THE VOLUME OF WATER IN GALLONS PER MINUTE AT 60 DEG F THAT WILL FLOW THROUGH A GIVEN ELEMENT WITH A PRESSURE DROP OF 1 PSI.
- **ESEOD:** EQUIVALENT SQUARE EDGED ORIFICE DIAMETER.

ESEOD.doc