

## HOSE & PIPE SIZES - COMPARISON

ASSUMES INTERNAL DIAMETER IS PRECISELY THE HOSE OR PIPE SIZE

CROSSSECTIONAL AREA:  $\pi R^2$

SIZE (ID) INCH	CS AREA SQ.IN.	SIZE INCH	1/4	3/8	1/2	3/4	1
.250	0.049	1/4	1	0.44	0.25	0.11	0.06
.375	0.110	3/8	2.3	1	0.56	0.25	0.14
.500	0.196	1/2	4.0	1.8	1	0.44	0.25
.750	0.442	3/4	9.0	4.0	2.3	1	0.56
1.00	0.785	1	16.0	7.1	4.0	1.8	1

For example: A 3/8 hose is 2.3 times larger than a 1/4 hose.

For example: A 3/8 hose is 0.56 times smaller than a 1/2 hose.

JE2F