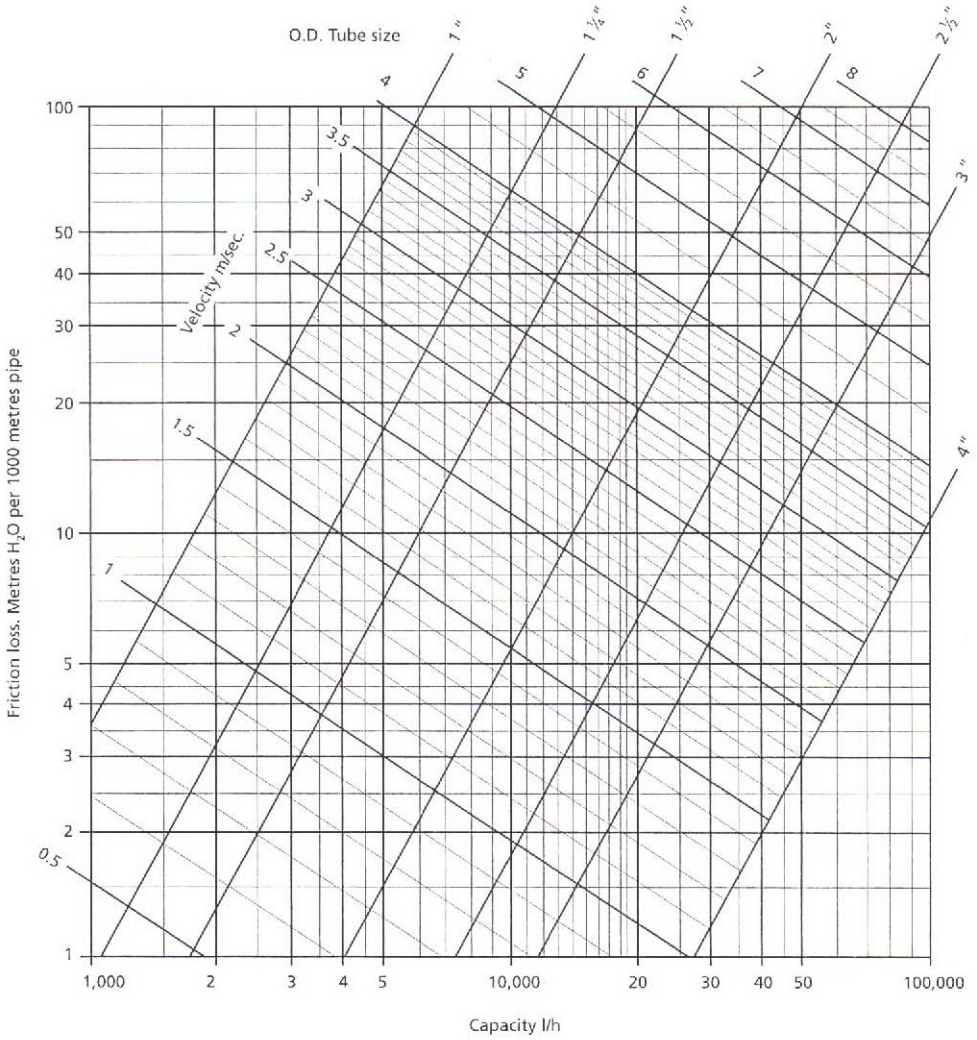
A) CAPACITY FRICTION LOSS AND VELOCITY OF FLOW, STAINLESS STEEL TUBES.



Example: 10,000 l/h in a 2" Stainless Steel Tube.
Velocity = 1.5 m/sec. Friction Loss = 5.5m. H_2O per 100m.

B) VOLUME IN STAINLESS STEEL TUBES.

O/D	I/D	Litre/Metre
25.0 mm	22.6 mm	0.4011
38.0mm	35.6 mm	0.9954
51.0 mm	48.6 mm	1.8551
76.0 mm	72.9 mm	4.1739
101.6 mm	97.6 mm	7.4815

When calculating Tube sizes, Milk and Cream Velocities should not exceed 1.5m/sec in the suction line and 2.0 m/sec in the pressure line. Water Velocity should not exceed 3.0 m/sec.
CIP Velocity Should always exceed 1.5 m/sec