

Fluid	Typical Velocity	
	(ft/min)	(m/s)
Acetylene, steel pipe	4000	20
Air, 0-30 psi, steel pipe	4000	20
Ammonia, liquid, steel pipe	360	1.8
Ammonia, gas, steel pipe	6000	30
Benzene, steel pipe	360	1.8
Bromine, liquid, glass pipe	240	1.2
Bromine, gas, glass pipe	2000	10
Calcium Chloride, steel pipe	240	1.2
Carbon Tetrachloride, steel pipe	360	1.8
Chlorine, liquid, steel pipe	300	1.5
Chlorine, gas, steel pipe	2000 - 5000	10 - 25
Chloroform, liquid, steel or copper pipe	360	1.8
Chloroform, gas, steel or copper pipe	2000	10
Ethylene, gas, steel pipe	6000	30
Ethylene Dibromide, glass pipe	240	1.2
Ethylene Dichloride, steel pipe	360	1.8
Ethylene Glycol, steel pipe	360	1.8
Hydrogen, steel pipe	4000	20
Hydrogenchloric Acid, liquid, rubber lined pipe	300	1.5
Hydrogenchloric Acid, gas, rubber lined pipe	4000	20
Methyl Chloride, liquid, steel pipe	300	1.5
Methyl Chloride, gas, steel pipe	4000	20
Natural gas, , steel pipe	6000	30
Oil lubricating, steel pipe	300	1.5
Oxygen, stainless steel	1800 - 4000	9 - 20
Propylene Glycol, steel pipe	300	1.5
Perchlorethylene, steel pipe	360	1.8
Steam, 0-30 psi, saturated, steel pipe	4000 - 6000	20 - 30
Sulfuric acid	240	1.2
Sulfur Dioxide, steel pipe	4000	20
Styrene, steel pipe	360	1.8
Trichlorethylene, steel pipe	360	1.8
Vinyl Chloride, steel pipe	360	1.8
Vinylidene Chloride, steel pipe	360	1.8
Water, steel pipe	180 - 480	0.9 - 2.4

- low pressures up to 50 psi (3.5 bar)
- temperatures 50 - 100°F (10 - 38°C)