

TABLE 7.6 Leak rate conversion chart.

TO											
FROM	Pa m ³ /s	Pa L/s	mbar L/s	torr L/s	micron L/s	micron ft ³ /s	cm ³ /s @ STP ^A	moles/s			
Pa m ³ /s	1	1.0E3	1.0E1	7.50062	7.50062 E3	2.64882 E2	9.86923	4.40319 E-4			
Pa L/s	1.0E-3	1	1.0E-2	7.50062 E-3	7.50062	2.64882 E-1	9.86923 E-3	4.40319 E-7			
mbar L/s	1.0E-1	1.0E2	1	7.50062 E-1	7.50062 E2	2.64882 E1	9.86923 E-1	4.40319 E-5			
torr L/s	1.33322 E-1	1.33322 E2	1.33322	1	1.0E3	3.53147 E1	1.31579	5.87044 E-5			
micron L/s	1.33322 E-4	1.33322 E-1	1.33322 E-3	1.0E-3	1	3.53147 E-2	1.31579 E-3	5.87044 E-8			
micron ft ³ /s	3.77527 E-3	3.77527	3.77527 E-2	2.83168 E-2	2.83168 E1	1	3.72590 E-2	1.66232 E-6			
cm ² /s @ STP	1.01325 E-1	1.01325 E2	1.01325	7.60E-1	7.60E2	2.68391 E1	1	4.46153 E-5			
moles/s	2.27108 E3	2.27108 E6	2.27108 E4	1.70345 E4	1.70345 E7	6.01568 E5	2.24138 E4	1			

^ASTP is defined as T = 273.15 K and P = 1 atm.