

## CONNECTION LEAKAGE RATING



**DISCLAIMER:** These values are approximate. They are the property of Jacob Tubing LP. They are to be treated as a confidential disclosure and to be returned upon request. They are not to be used, in whole or in part, to the disadvantage of Jacob Tubing LP. Jacob Tubing is not responsible for the design of systems using Jacob products

The following values indicated the approximate amount of air leakage at each pull-ring connection with u-shaped gasket:

Tube Dia. (mm)	Leakage (liter/hour) at a given differential pressure (mbar)					
	100	200	400	600	800	1000
300	0.12	0.30	0.85	1.80	3.50	6.00
250	0.05	0.12	0.25	0.50	0.90	1.50
200	0.04	0.09	0.18	0.35	0.60	1.10
175	0.04	0.08	0.16	0.30	0.50	0.90
150	0.03	0.06	0.12	0.22	0.40	0.80
120	0.02	0.05	0.10	0.18	0.35	0.70
100	0.01	0.03	0.07	0.13	0.23	0.40
80	0.01	0.02	0.04	0.08	0.15	0.30

Tube Dia. (mm)	Leakage (cfh) at a given differential pressure (psi/in w.c.)						
	psi	1.5	2.9	5.9	8.8	11.8	14.7
	in w.c.	40.7	81.4	162.8	244.1	325.5	406.9
300		0.0042	0.0106	0.0300	0.0636	0.1236	0.2119
250		0.0018	0.0042	0.0088	0.0177	0.0318	0.0530
200		0.0014	0.0032	0.0064	0.0124	0.0212	0.0388
175		0.0014	0.0028	0.0057	0.0106	0.0177	0.0318
150		0.0011	0.0021	0.0042	0.0078	0.0141	0.0283
120		0.0007	0.0018	0.0035	0.0064	0.0124	0.0247
100		0.0004	0.0011	0.0025	0.0046	0.0081	0.0141
80		0.0004	0.0007	0.0014	0.0028	0.0053	0.0106