

### **PRESSURE LOSS IN HOSE**

Lubrication Only at Tool – No Line Lubricator

Hose Length and Inside Diameter	cfm Free Air	Line Pressure – psig						
		60	80	100	120	150	200	300
50 Feet 3/4"	60	3.1	2.4	2.0				
	80	5.3	4.2	3.5	2.9	2.4	1.8	1.2
	100	8.1	6.4	5.2	4.5	3.6	2.8	1.9
	120		9.0	7.4	6.3	5.1	3.9	2.7
	140		12.0	9.9	8.4	6.9	5.3	3.6
	160			12.7	10.8	8.9	6.8	4.6
	180				13.6	11.1	8.5	5.8
	220				16.6	13.5	10.5	7.1
	220				16.2	12.4	8.4	
50 Feet 1"	120	2.7	2.1					
	150	4.1	3.2	2.7	2.3			
	180	5.8	4.6	3.8	3.2	2.6	2.0	1.3
	210	7.7	6.1	4.0	4.3	3.5	2.7	1.8
	240		7.9	6.5	5.5	4.5	3.4	2.3
	270		9.8	8.1	6.9	5.6	4.3	2.9
	300		12.0	9.9	8.4	6.9	5.3	3.6
	330			11.8	10.0	8.2	6.3	4.3
	360			13.9	11.9	9.7	7.4	5.0
	390				13.8	11.3	8.7	5.9
420				15.9	13.0	10.0	6.8	
450					14.8	11.4	7.7	
50 Feet 1 1/4"	200	2.4						
	250	3.7	2.9	2.4	2.0			
	300	5.2	4.1	3.4	2.9	2.3	1.8	1.2
	350	7.0	5.5	4.5	3.8	3.1	2.4	1.6
	400	8.9	7.0	5.8	4.9	4.0	3.1	2.1
	450		8.8	7.3	6.2	5.0	3.9	2.6
	500		10.8	8.9	7.6	6.2	4.7	3.2
	550			10.7	9.1	7.4	5.7	3.9
	600			12.6	10.7	8.7	5.7	4.6
	650			14.6	12.4	10.2	7.8	5.3
	700				14.3	11.7	9.0	6.1
	750					13.3	10.2	6.9
	800					15.0	11.5	7.8
	50 Feet 1 1/2"	300	2.1					
400		3.7	2.9	2.4	2.0			
500		5.6	4.4	3.7	3.1	2.5	1.9	1.3
600		8.0	6.3	5.2	4.4	3.6	2.8	1.9
700			8.5	7.0	5.9	4.9	3.7	2.5
800			10.9	9.0	7.7	6.3	4.8	3.2
900				11.2	9.5	7.8	6.0	4.1
1000				13.6	11.6	9.5	7.3	4.9
1100					14.0	11.4	8.8	6.0
1200						13.6	10.4	7.1
1300						15.8	12.1	8.3