



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SLPM NITROGEN                      DATE : 09-03-1991  
 TUBE NUMBER : 603(E500) TYPICAL        STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 002                        GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS                    PRESSURE IN TUBE : 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	6.2195	110.0	5.1588	70.0	3.7478	30.0	1.8264
149.0	6.1954	109.0	5.1287	69.0	3.7064	29.0	1.7711
148.0	6.1711	108.0	5.0983	68.0	3.6647	28.0	1.7155
147.0	6.1468	107.0	5.0678	67.0	3.6227	27.0	1.6595
146.0	6.1224	106.0	5.0370	66.0	3.5803	26.0	1.6032
145.0	6.0980	105.0	5.0059	65.0	3.5376	25.0	1.5465
144.0	6.0734	104.0	4.9746	64.0	3.4946	24.0	1.4895
143.0	6.0488	103.0	4.9431	63.0	3.4512	23.0	1.4321
142.0	6.0241	102.0	4.9113	62.0	3.4076	22.0	1.3744
141.0	5.9993	101.0	4.8793	61.0	3.3635	21.0	1.3163
140.0	5.9744	100.0	4.8470	60.0	3.3192	20.0	1.2578
139.0	5.9494	99.0	4.8145	59.0	3.2745	19.0	1.1990
138.0	5.9242	98.0	4.7817	58.0	3.2294	18.0	1.1398
137.0	5.8990	97.0	4.7486	57.0	3.1840	17.0	1.0803
136.0	5.8736	96.0	4.7153	56.0	3.1383	16.0	1.0204
135.0	5.8481	95.0	4.6817	55.0	3.0922	15.0	0.9602
134.0	5.8225	94.0	4.6478	54.0	3.0458	14.0	0.8996
133.0	5.7968	93.0	4.6137	53.0	2.9990	13.0	0.8387
132.0	5.7709	92.0	4.5793	52.0	2.9519	12.0	0.7774
131.0	5.7449	91.0	4.5446	51.0	2.9045	11.0	0.7158
130.0	5.7187	90.0	4.5096	50.0	2.8567	10.0	0.6538
129.0	5.6924	89.0	4.4744	49.0	2.8085	9.0	0.5915
128.0	5.6659	88.0	4.4388	48.0	2.7600	8.0	0.5288
127.0	5.6393	87.0	4.4030	47.0	2.7111	7.0	0.4658
126.0	5.6125	86.0	4.3669	46.0	2.6619	6.0	0.4024
125.0	5.5856	85.0	4.3305	45.0	2.6124	5.0	0.3387
124.0	5.5585	84.0	4.2938	44.0	2.5624		
123.0	5.5312	83.0	4.2568	43.0	2.5122		
122.0	5.5037	82.0	4.2195	42.0	2.4616		
121.0	5.4760	81.0	4.1819	41.0	2.4106		
120.0	5.4482	80.0	4.1440	40.0	2.3593		
119.0	5.4202	79.0	4.1058	39.0	2.3076		
118.0	5.3919	78.0	4.0673	38.0	2.2555		
117.0	5.3635	77.0	4.0284	37.0	2.2031		
116.0	5.3349	76.0	3.9893	36.0	2.1504		
115.0	5.3061	75.0	3.9498	35.0	2.0973		
114.0	5.2771	74.0	3.9101	34.0	2.0438		
113.0	5.2478	73.0	3.8700	33.0	1.9900		
112.0	5.2184	72.0	3.8296	32.0	1.9358		
111.0	5.1887	71.0	3.7888	31.0	1.8813		