



MATHESON

ask...The Gas Professionals™

MATHESON

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UNITS	SLPM NITROGEN	DATE	September 13, 2001
TUBE NUMBER	604(E700) TYPICAL	STD CONDITIONS	1 ATM & 70 DEG F
FLOAT NUMBER	OO5	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	21.2103	110.0	15.6201	70.0	9.7958	30.0	3.9193
149.0	21.0767	109.0	15.4760	69.0	9.6494	29.0	3.7712
148.0	20.9428	108.0	15.3317	68.0	9.5030	28.0	3.6230
147.0	20.8084	107.0	15.1873	67.0	9.3567	27.0	3.4746
146.0	20.6736	106.0	15.0427	66.0	9.2102	26.0	3.3262
145.0	20.5384	105.0	14.8981	65.0	9.0638	25.0	3.1776
144.0	20.4028	104.0	14.7533	64.0	8.9174	24.0	3.0290
143.0	20.2668	103.0	14.6085	63.0	8.7709	23.0	2.8801
142.0	20.1305	102.0	14.4636	62.0	8.6245	22.0	2.7312
141.0	19.9938	101.0	14.3185	61.0	8.4780	21.0	2.5821
140.0	19.8567	100.0	14.1734	60.0	8.3315	20.0	2.4328
139.0	19.7193	99.0	14.0282	59.0	8.1849	19.0	2.2834
138.0	19.5815	98.0	13.8829	58.0	8.0384	18.0	2.1339
137.0	19.4434	97.0	13.7376	57.0	7.8918	17.0	1.9841
136.0	19.3050	96.0	13.5922	56.0	7.7452	16.0	1.8342
135.0	19.1663	95.0	13.4467	55.0	7.5986	15.0	1.6841
134.0	19.0273	94.0	13.3011	54.0	7.4520	14.0	1.5339
133.0	18.8880	93.0	13.1555	53.0	7.3053	13.0	1.3834
132.0	18.7484	92.0	13.0098	52.0	7.1586	12.0	1.2327
131.0	18.6085	91.0	12.8641	51.0	7.0119	11.0	1.0819
130.0	18.4684	90.0	12.7184	50.0	6.8652	10.0	0.9308
129.0	18.3280	89.0	12.5725	49.0	6.7184	9.0	0.7795
128.0	18.1873	88.0	12.4267	48.0	6.5716	8.0	0.6279
127.0	18.0464	87.0	12.2808	47.0	6.4247	7.0	0.4762
126.0	17.9052	86.0	12.1348	46.0	6.2778	6.0	0.3242
125.0	17.7639	85.0	11.9888	45.0	6.1309	5.0	0.1719
124.0	17.6223	84.0	11.8428	44.0	5.9839		
123.0	17.4805	83.0	11.6967	43.0	5.8368		
122.0	17.3384	82.0	11.5507	42.0	5.6897		
121.0	17.1962	81.0	11.4045	41.0	5.5426		
120.0	17.0538	80.0	11.2584	40.0	5.3954		
119.0	16.9112	79.0	11.1122	39.0	5.2481		
118.0	16.7684	78.0	10.9660	38.0	5.1008		
117.0	16.6254	77.0	10.8198	37.0	4.9534		
116.0	16.4822	76.0	10.6736	36.0	4.8059		
115.0	16.3389	75.0	10.5273	35.0	4.6583		
114.0	16.1955	74.0	10.3811	34.0	4.5107		
113.0	16.0518	73.0	10.2348	33.0	4.3630		
112.0	15.9081	72.0	10.0885	32.0	4.2152		
111.0	15.7642	71.0	9.9421	31.0	4.0673		