



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SLPM NITROGEN                      DATE : 01-09-1992  
 TUBE NUMBER : 605(E800) TYPICAL        STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 005                        GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: 316 ST. STL.            PRESSURE IN TUBE : 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	97.9915	110.0	66.8297	70.0	38.7388	30.0	14.2589
149.0	97.1706	109.0	66.0908	69.0	38.0775	29.0	13.7075
148.0	96.3520	108.0	65.3537	68.0	37.4183	28.0	13.1595
147.0	95.5359	107.0	64.6184	67.0	36.7614	27.0	12.6151
146.0	94.7221	106.0	63.8850	66.0	36.1067	26.0	12.0743
145.0	93.9106	105.0	63.1535	65.0	35.4542	25.0	11.5370
144.0	93.1014	104.0	62.4237	64.0	34.8041	24.0	11.0035
143.0	92.2945	103.0	61.6958	63.0	34.1563	23.0	10.4736
142.0	91.4899	102.0	60.9698	62.0	33.5108	22.0	9.9475
141.0	90.6874	101.0	60.2455	61.0	32.8676	21.0	9.4252
140.0	89.8872	100.0	59.5232	60.0	32.2269	20.0	8.9067
139.0	89.0893	99.0	58.8026	59.0	31.5885	19.0	8.3922
138.0	88.2934	98.0	58.0839	58.0	30.9526	18.0	7.8816
137.0	87.4998	97.0	57.3670	57.0	30.3191	17.0	7.3749
136.0	86.7082	96.0	56.6520	56.0	29.6882	16.0	6.8724
135.0	85.9188	95.0	55.9389	55.0	29.0597	15.0	6.3739
134.0	85.1315	94.0	55.2276	54.0	28.4338	14.0	5.8796
133.0	84.3463	93.0	54.5182	53.0	27.8105	13.0	5.3894
132.0	83.5631	92.0	53.8106	52.0	27.1897	12.0	4.9036
131.0	82.7820	91.0	53.1050	51.0	26.5716	11.0	4.4220
130.0	82.0029	90.0	52.4012	50.0	25.9562	10.0	3.9448
129.0	81.2258	89.0	51.6993	49.0	25.3434	9.0	3.4720
128.0	80.4507	88.0	50.9993	48.0	24.7334	8.0	3.0037
127.0	79.6777	87.0	50.3013	47.0	24.1262	7.0	2.5398
126.0	78.9066	86.0	49.6051	46.0	23.5217	6.0	2.0806
125.0	78.1375	85.0	48.9109	45.0	22.9201	5.0	1.6260
124.0	77.3703	84.0	48.2186	44.0	22.3213		
123.0	76.6051	83.0	47.5283	43.0	21.7254		
122.0	75.8418	82.0	46.8400	42.0	21.1324		
121.0	75.0804	81.0	46.1537	41.0	20.5424		
120.0	74.3209	80.0	45.4693	40.0	19.9554		
119.0	73.5634	79.0	44.7870	39.0	19.3715		
118.0	72.8077	78.0	44.1066	38.0	18.7906		
117.0	72.0539	77.0	43.4284	37.0	18.2128		
116.0	71.3020	76.0	42.7521	36.0	17.6382		
115.0	70.5520	75.0	42.0780	35.0	17.0668		
114.0	69.8038	74.0	41.4059	34.0	16.4986		
113.0	69.0575	73.0	40.7359	33.0	15.9336		
112.0	68.3130	72.0	40.0681	32.0	15.3720		
111.0	67.5704	71.0	39.4024	31.0	14.8138		