



MATHESON

ask...The Gas Professionals™

MATHESON

166 Keystone Drive
 Montgomeryville, PA 18936
 +1 (800) 828-4313
www.mathesongas.com

UNITS : SLPM ETHYLENE DATE : 03-27-1992
 TUBE NUMBER : 603(E500) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F
 FLOAT NUMBER : 002 GAS TEMPERATURE : 70 DEG F
 FLOAT MATERIAL: 316 ST. STL. PRESSURE IN TUBE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	5.4983	110.0	4.3359	70.0	2.9179	30.0	1.2945
149.0	5.4738	109.0	4.3030	69.0	2.8799	29.0	1.2507
148.0	5.4489	108.0	4.2700	68.0	2.8419	28.0	1.2066
147.0	5.4238	107.0	4.2368	67.0	2.8037	27.0	1.1624
146.0	5.3984	106.0	4.2035	66.0	2.7654	26.0	1.1179
145.0	5.3728	105.0	4.1700	65.0	2.7270	25.0	1.0732
144.0	5.3468	104.0	4.1364	64.0	2.6884	24.0	1.0284
143.0	5.3207	103.0	4.1026	63.0	2.6497	23.0	0.9833
142.0	5.2942	102.0	4.0687	62.0	2.6109	22.0	0.9380
141.0	5.2676	101.0	4.0347	61.0	2.5720	21.0	0.8925
140.0	5.2406	100.0	4.0006	60.0	2.5330	20.0	0.8468
139.0	5.2135	99.0	3.9663	59.0	2.4938	19.0	0.8008
138.0	5.1861	98.0	3.9318	58.0	2.4545	18.0	0.7546
137.0	5.1584	97.0	3.8973	57.0	2.4150	17.0	0.7082
136.0	5.1305	96.0	3.8626	56.0	2.3755	16.0	0.6615
135.0	5.1024	95.0	3.8278	55.0	2.3358	15.0	0.6146
134.0	5.0741	94.0	3.7928	54.0	2.2959	14.0	0.5675
133.0	5.0456	93.0	3.7578	53.0	2.2560	13.0	0.5201
132.0	5.0168	92.0	3.7226	52.0	2.2158	12.0	0.4724
131.0	4.9878	91.0	3.6873	51.0	2.1756	11.0	0.4245
130.0	4.9586	90.0	3.6518	50.0	2.1352	10.0	0.3763
129.0	4.9293	89.0	3.6163	49.0	2.0947	9.0	0.3279
128.0	4.8997	88.0	3.5806	48.0	2.0540	8.0	0.2792
127.0	4.8699	87.0	3.5448	47.0	2.0132	7.0	0.2302
126.0	4.8399	86.0	3.5088	46.0	1.9722	6.0	0.1809
125.0	4.8097	85.0	3.4728	45.0	1.9311	5.0	0.1314
124.0	4.7794	84.0	3.4366	44.0	1.8898		
123.0	4.7488	83.0	3.4003	43.0	1.8483		
122.0	4.7181	82.0	3.3639	42.0	1.8068		
121.0	4.6871	81.0	3.3274	41.0	1.7650		
120.0	4.6561	80.0	3.2908	40.0	1.7231		
119.0	4.6248	79.0	3.2540	39.0	1.6810		
118.0	4.5933	78.0	3.2171	38.0	1.6388		
117.0	4.5617	77.0	3.1801	37.0	1.5964		
116.0	4.5299	76.0	3.1430	36.0	1.5538		
115.0	4.4980	75.0	3.1058	35.0	1.5110		
114.0	4.4659	74.0	3.0685	34.0	1.4681		
113.0	4.4336	73.0	3.0310	33.0	1.4250		
112.0	4.4012	72.0	2.9934	32.0	1.3817		
111.0	4.3686	71.0	2.9557	31.0	1.3382		