



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

166 Keystone Drive  
 Montgomeryville, PA 18936  
 +1 (800) 828-4313  
[www.mathesongas.com](http://www.mathesongas.com)

UNITS : SCUM ETHYLENE DATE : 08-01-11  
 TUBE NUMBER : 601 (E200) STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 SERIAL NUMBER : TYPICAL 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	396.008	110.0	244.491	70.0	116.084	30.0	34.527
149.0	392.286	109.0	240.846	69.0	113.430	29.0	33.122
148.0	388.549	108.0	237.218	68.0	110.808	28.0	31.746
147.0	384.799	107.0	233.607	67.0	108.216	27.0	30.398
146.0	381.036	106.0	230.013	66.0	105.655	26.0	29.079
145.0	377.261	105.0	226.437	65.0	103.126	25.0	27.788
144.0	373.476	104.0	222.880	64.0	100.628	24.0	26.524
143.0	369.681	103.0	219.342	63.0	98.162	23.0	25.288
142.0	365.877	102.0	215.823	62.0	95.727	22.0	24.079
141.0	362.066	101.0	212.324	61.0	93.323	21.0	22.897
140.0	358.248	100.0	208.847	60.0	90.952	20.0	21.741
139.0	354.423	99.0	205.390	59.0	88.612	19.0	20.612
138.0	350.593	98.0	201.954	58.0	86.304	18.0	19.508
137.0	346.759	97.0	198.541	57.0	84.028	17.0	18.429
136.0	342.922	96.0	195.150	56.0	81.784	16.0	17.376
135.0	339.081	95.0	191.782	55.0	79.572	15.0	16.347
134.0	335.239	94.0	188.437	54.0	77.392	14.0	15.343
133.0	331.396	93.0	185.116	53.0	75.243	13.0	14.362
132.0	327.553	92.0	181.819	52.0	73.127	12.0	13.405
131.0	323.711	91.0	178.547	51.0	71.043	11.0	12.471
130.0	319.870	90.0	175.300	50.0	68.991	10.0	11.559
129.0	316.031	89.0	172.077	49.0	66.970	9.0	10.670
128.0	312.195	88.0	168.881	48.0	64.982	8.0	9.802
127.0	308.363	87.0	165.710	47.0	63.025	7.0	8.956
126.0	304.536	86.0	162.566	46.0	61.100	6.0	8.130
125.0	300.714	85.0	159.448	45.0	59.207	5.0	7.324
124.0	296.898	84.0	156.358	44.0	57.345		
123.0	293.088	83.0	153.295	43.0	55.515		
122.0	289.286	82.0	150.259	42.0	53.717		
121.0	285.493	81.0	147.251	41.0	51.949		
120.0	281.708	80.0	144.272	40.0	50.213		
119.0	277.932	79.0	141.321	39.0	48.507		
118.0	274.167	78.0	138.399	38.0	46.833		
117.0	270.413	77.0	135.506	37.0	45.189		
116.0	266.670	76.0	132.642	36.0	43.576		
115.0	262.940	75.0	129.807	35.0	41.993		
114.0	259.222	74.0	127.002	34.0	40.440		
113.0	255.517	73.0	124.227	33.0	38.918		
112.0	251.827	72.0	121.482	32.0	37.425		
111.0	248.151	71.0	118.768	31.0	35.961		