



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM SULFUR HEXAFLUORIDE  
 DATE : 08-01-71  
 TUBE NUMBER : 601 (E200) STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 SERIAL NUMBER : TYPICAL GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS PRESSURE IN TUBE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	93.9571	110.0	59.1388	70.0	28.5720	30.0	9.1344
149.0	93.1294	109.0	58.2806	69.0	27.9357	29.0	8.8073
148.0	92.2966	108.0	57.4255	68.0	27.3068	28.0	8.4876
147.0	91.4589	107.0	56.5738	67.0	26.6853	27.0	8.1753
146.0	90.6165	106.0	55.7255	66.0	26.0712	26.0	7.8703
145.0	89.7697	105.0	54.8809	65.0	25.4646	25.0	7.5726
144.0	88.9188	104.0	54.0400	64.0	24.8656	24.0	7.2821
143.0	88.0639	103.0	53.2030	63.0	24.2742	23.0	6.9987
142.0	87.2055	102.0	52.3701	62.0	23.6904	22.0	6.7224
141.0	86.3436	101.0	51.5413	61.0	23.1142	21.0	6.4531
140.0	85.4785	100.0	50.7169	60.0	22.5458	20.0	6.1907
139.0	84.6105	99.0	49.8970	59.0	21.9851	19.0	5.9352
138.0	83.7398	98.0	49.0816	58.0	21.4321	18.0	5.6864
137.0	82.8666	97.0	48.2710	57.0	20.8869	17.0	5.4444
136.0	81.9912	96.0	47.4652	56.0	20.3496	16.0	5.2091
135.0	81.1138	95.0	46.6644	55.0	19.8200	15.0	4.9802
134.0	80.2346	94.0	45.8687	54.0	19.2984	14.0	4.7579
133.0	79.3539	93.0	45.0782	53.0	18.7845	13.0	4.5419
132.0	78.4718	92.0	44.2931	52.0	18.2786	12.0	4.3322
131.0	77.5886	91.0	43.5134	51.0	17.7805	11.0	4.1287
130.0	76.7045	90.0	42.7392	50.0	17.2903	10.0	3.9313
129.0	75.8196	89.0	41.9707	49.0	16.8081	9.0	3.7400
128.0	74.9343	88.0	41.2080	48.0	16.3337	8.0	3.5545
127.0	74.0487	87.0	40.4512	47.0	15.8672	7.0	3.3748
126.0	73.1631	86.0	39.7003	46.0	15.4087	6.0	3.2008
125.0	72.2775	85.0	38.9556	45.0	14.9580	5.0	3.0324
124.0	71.3923	84.0	38.2170	44.0	14.5152		
123.0	70.5076	83.0	37.4846	43.0	14.0803		
122.0	69.6237	82.0	36.7586	42.0	13.6533		
121.0	68.7406	81.0	36.0391	41.0	13.2341		
120.0	67.8586	80.0	35.3261	40.0	12.8228		
119.0	66.9779	79.0	34.6197	39.0	12.4192		
118.0	66.0987	78.0	33.9200	38.0	12.0235		
117.0	65.2211	77.0	33.2270	37.0	11.6355		
116.0	64.3453	76.0	32.5409	36.0	11.2553		
115.0	63.4716	75.0	31.8618	35.0	10.8827		
114.0	62.6000	74.0	31.1896	34.0	10.5179		
113.0	61.7308	73.0	30.5244	33.0	10.1606		
112.0	60.8640	72.0	29.8664	32.0	9.8110		
111.0	60.0000	71.0	29.2156	31.0	9.4689		