



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM SULFUR HEXAFLUORIDE

DATE : 08-01-71

TUBE NUMBER : 603 (E500)

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

E503SUHE.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	2467.08	110.0	1936.23	70.0	1321.58	30.0	587.38
149.0	2454.33	109.0	1922.10	69.0	1304.75	29.0	567.42
148.0	2441.57	108.0	1907.93	68.0	1287.85	28.0	547.38
147.0	2428.79	107.0	1893.69	67.0	1270.87	27.0	527.27
146.0	2416.01	106.0	1879.40	66.0	1253.81	26.0	507.08
145.0	2403.20	105.0	1865.06	65.0	1236.68	25.0	486.82
144.0	2390.38	104.0	1850.65	64.0	1219.47	24.0	466.48
143.0	2377.55	103.0	1836.19	63.0	1202.18	23.0	446.07
142.0	2364.69	102.0	1821.66	62.0	1184.81	22.0	425.58
141.0	2351.81	101.0	1807.08	61.0	1167.36	21.0	405.02
140.0	2338.92	100.0	1792.43	60.0	1149.84	20.0	384.39
139.0	2326.00	99.0	1777.72	59.0	1132.24	19.0	363.68
138.0	2313.05	98.0	1762.95	58.0	1114.55	18.0	342.90
137.0	2300.08	97.0	1748.12	57.0	1096.79	17.0	322.05
136.0	2287.09	96.0	1733.22	56.0	1078.95	16.0	301.13
135.0	2274.06	95.0	1718.26	55.0	1061.03	15.0	280.14
134.0	2261.01	94.0	1703.23	54.0	1043.03	14.0	259.07
133.0	2247.93	93.0	1688.14	53.0	1024.96	13.0	237.94
132.0	2234.81	92.0	1672.98	52.0	1006.80	12.0	216.74
131.0	2221.67	91.0	1657.75	51.0	988.56	11.0	195.46
130.0	2208.49	90.0	1642.45	50.0	970.25	10.0	174.12
129.0	2195.27	89.0	1627.09	49.0	951.85	9.0	152.71
128.0	2182.02	88.0	1611.66	48.0	933.38	8.0	131.24
127.0	2168.74	87.0	1596.16	47.0	914.82	7.0	109.70
126.0	2155.41	86.0	1580.59	46.0	896.19	6.0	88.09
125.0	2142.05	85.0	1564.95	45.0	877.48	5.0	66.41
124.0	2128.64	84.0	1549.23	44.0	858.69		
123.0	2115.20	83.0	1533.45	43.0	839.82		
122.0	2101.71	82.0	1517.59	42.0	820.87		
121.0	2088.18	81.0	1501.67	41.0	801.84		
120.0	2074.61	80.0	1485.67	40.0	782.73		
119.0	2060.99	79.0	1469.59	39.0	763.55		
118.0	2047.32	78.0	1453.44	38.0	744.29		
117.0	2033.61	77.0	1437.22	37.0	724.94		
116.0	2019.85	76.0	1420.93	36.0	705.52		
115.0	2006.04	75.0	1404.56	35.0	686.03		
114.0	1992.18	74.0	1388.11	34.0	666.45		
113.0	1978.27	73.0	1371.59	33.0	646.80		
112.0	1964.31	72.0	1355.00	32.0	627.07		
111.0	1950.29	71.0	1338.32	31.0	607.26		