

COLUMN FRICTION LOSS OF BURGESS "EON" FLANGED FIBERGLASS COLUMN PIPE
LOSS IN FEET OF WATER PER 100 FEET OF COLUMN
TABULATED FOR ELECTRIC SUBMERGED (S) AND OPEN AND CLOSED LINE SHAFT

GPM SHAFT (dia)	4-INCH			6-INCH			8-INCH			10-INCH			12-INCH					GPM						
	S	1 1/2	1 3/16	S	1 3/16	1 1/2	1 13/16	S	1 3/16	1 1/2	1 13/16	S	1 3/16	1 1/2	1 13/16	1 3/16	1 1/2		1 13/16	2 7/16	2 11/16			
TUBE (dia)		1 1/2	2		2	2 1/2	3		2	2 1/2	3		2	2 1/2	3	2	2 1/2	3	4	5				
10																					10			
20																					20			
30			0.5																		30			
40	0.12		0.8																		40			
50	0.17		1.2																		50			
60	0.25	0.9	1.6																		60			
70	0.33	1.2	2.1																		70			
80	0.41	1.4	2.6																		80			
90	0.52	1.8	3.2																		90			
100	0.63	2.1	3.9	0.08																	100			
125	0.95	3.1	5.6	0.13			0.7														125			
150	1.33	4.2	7.6	0.18			1.0														150			
175	1.78	5.6	9.9	0.23		0.9	1.2														175			
200	2.27	6.9	12.3	0.30	0.7	1.0	1.6														200			
225	2.82	8.6	14.8	0.37	0.9	1.2	2.0														225			
250	3.36	10.2	17.7	0.45	1.0	1.5	2.4	0.12													250			
275	4.11	11.9	21.2	0.59	1.2	1.8	2.9	0.15													275			
300	4.85	13.7	23.7	0.63	1.5	2.0	3.3	0.17													300			
325	5.69	15.6	27.0	0.74	1.6	2.3	3.8	0.20													325			
350	6.53	17.6	30.7	0.84	1.9	2.7	4.4	0.22													350			
375		20.22	24.5	0.96	2.2	3.1	4.8	0.25													375			
400				1.08	2.4	3.4	5.5	0.28													400			
425				1.22	2.7	3.8	6.1	0.31													425			
450				1.37	3.0	4.2	6.7	0.35													450			
475				1.52	3.3	4.6	7.5	0.38		0.7	1.1										475			
500				1.66	3.7	5.0	8.2	0.42		0.8	1.1	0.14									500			
550				1.98	4.3	6.0	9.5	0.50	0.8	0.9	1.3	0.16									550			
600				2.35	5.0	6.9	11.0	0.59	0.9	1.1	1.5	0.19									600			
650					5.8	8.0	12.8	0.69	1	1.1	1.8	0.22									650			
700					6.6	9.1	14.8	0.79	1.2	1.3	2	0.26									700			
750					7.3	10.2	16.6	0.9	1.4	1.5	2.3	0.30									750			
800					8.3	11.3	18.3	1.02	1.6	1.7	2.6	0.33									800			
850								1.14	1.7	1.9	2.9	0.37									850			
900								1.27	2	2.3	3.3	0.41									900			
950									2	2.5	3.5	0.46									950			
1000									2.4	2.8	3.9	0.5		0.7	0.9						1000			
1100									2.9	3.5	4.2		0.7	0.9	1						1100			
1200									3.3	3.9	5.5		0.9	1	1.2						1200			
1300									3.9	4.6	6.4		0.9	1.2	1.4						1300			
1400									4.4	5.3	7.4		1.2	1.3	1.6					0.7	1400			
1500									5	5.9	8.2		1.3	1.5	1.8					0.8	1500			
1600													1.5	1.7	2				0.8	0.9	1600			
1700													1.6	1.8	2.3				0.7	0.8	1	1700		
1800													1.8	2.1	2.6				0.7	0.8	0.9	1.1	1800	
1900													2	2.3	2.7				0.8	0.9	1	1.2	1900	
2000													2.3	2.6	3.1				0.9	1	1.2	1.3	2000	
2100													2.4	2.8	3.4				0.9	1.1	1.2	1.5	1.8	2100
2200													2.6	3.1	3.7				1.1	1.2	1.4	1.6	1.9	2200
2300													2.8	3.3	3.9				1.2	1.3	1.5	1.8	2	2300
2400																			1.2	1.4	1.6	1.8	2.2	2400
2500																			1.4	1.5	1.8	2	2.3	2500
2600																			1.5	1.6	2	2.2	2.6	2600
2700																			1.5	1.8	2	2.3	2.7	2700
2800																			1.7	1.8	2.2	2.5	2.9	2800
2900																			1.8	2	2.3	2.6	3.1	2900
3000																			1.9	2.1	2.5	2.8	3.4	3000
3200																			2.1	2.2	2.6	3	3.7	3200
3400																			2.4	2.7	3.1	3.5	4.2	3400

NOTES:

1. Values reflect the reduced friction resultant from use of fiberglass pipe.

The above specifications are designed for use on Burgess "EON" flanged fiberglass column pipe. All specifications and properties specified above are approximate. Specifications and properties of material delivered may vary slightly from those given above. Burgess Well Company makes no representations of fact regarding the material except those specified above. No person has any authority to bind Burgess Well Company to any representation except those specified above. Final determination of suitability of the material for the use contemplated is the sole responsibility of the Buyer. Burgess Well Company sales representatives will assist in developing procedures to fit individual requirements.