



Correction Factor Chart for Mesh and Viscosity

Correction Factor Chart
(To be used in conjunction with strainer pressure loss calculations.)

VISCOSITY		PERF. (UNLINED)	CORRECTION FACTOR TABLE												
Centistokes	(SSU)		PERFORATED WITH WIRE CLOTH												
			20 MESH	40 MESH	60 MESH	80 MESH	100 MESH	120 MESH	150 MESH	200 MESH	300 MESH	25 Micron	10 Micron	5 Micron	
2	30 (Water)	1.00	1.05	1.2	1.4	1.6	1.7	1.8	2.0	2.2	2.35	3.0	3.5	4.0	
10	60	1.1	1.15	1.4	1.5	1.7	1.8	2.2	2.3	2.4	2.55	---	---	---	
20	100	1.2	1.25	1.5	1.6	1.9	2.1	2.35	2.45	2.6	2.75	---	---	---	
32	150	1.3	1.35	1.6	1.7	2	2.2	2.45	2.85	3	3.15	---	4.0	---	
43	200	1.4	1.45	1.7	1.8	2.1	2.3	2.55	3.0	3.2	3.35	4.0	---	---	
54	250	1.45	1.5	1.75	1.85	2.2	2.35	2.65	3.1	3.3	3.4	---	---	---	
76	350	1.5	1.6	1.8	1.9	2.3	2.45	2.75	3.2	3.4	3.5	---	---	---	
100	500	1.6	1.7	1.9	2.1	2.4	2.6	2.8	3.35	3.6	3.75	---	---	---	
162	750	1.65	1.9	2.1	2.3	2.5	2.7	2.9	3.5	3.7	3.9	---	---	---	
216	1000	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.6	3.8	4.0	---	---	---	
325	1500	1.8	2.1	2.3	2.6	2.75	3	3.2	3.8	4.1	4.3	---	---	---	
433	2000	1.9	2.2	2.4	2.7	2.9	3.2	3.4	4.05	4.6	5.5	---	---	---	
650	3000	2.0	2.3	2.6	2.9	3.5	3.5	3.8	4.6	5.0	5.2	---	---	---	
866	4000	2.1	2.45	2.8	3.15	3.6	3.9	4.2	4.9	---	---	---	---	---	
1083	5000	2.2	2.6	3	3.4	3.8	4.2	4.6	---	---	---	---	---	---	
1624	7500	2.35	2.8	3.4	3.8	4.3	4.75	---	---	---	---	---	---	---	
2200	10000	2.5	3.0	3.5	4.0	4.5	5.0	---	---	---	---	---	---	---	
3000	13500	3.0	3.5	---	---	---	---	---	---	---	---	---	---	---	
5000	22500	4.0	4.5	5.0	5.5	6.0	6.5	7.5	8.0	8.5	9.0	9.5	10.0	10.5	
6000	27300	4.2	---	---	---	---	---	---	---	---	---	---	---	---	
15000	67000	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
18900	86000	8.0	8.5	---	---	---	---	---	---	---	---	---	---	---	
20000	89300	8.5	9.0	---	---	---	---	---	---	---	---	---	---	---	

These multipliers should be used to determine pressure drops for filters fitted with mesh lining or handling liquids of viscosity other than water.