

Syringe Manufacturer (all names™)	Syringe (mL)	Inside Diameter (mm)	Maximum Rate (mL/hr)	Minimum Rate (µL/hr)	Maximum Rate (mL/min)			
B-D	1	4.699	39.27	0.73	0.654			
	3	8.585	131	2.434	2.184			
	5	11.99	255.6	4.748	4.261			
	10	14.43	370.3	6.876	6.172			
	20	19.05	645.4	11.99	10.75			
	30	21.59	829	15.4	13.81			
	60	26.59	1257	23.35	20.95			
HSW Norm-Ject	1	4.69	39.11	0.727	0.651			
	3	9.65	165.6	3.076	2.76			
	5	12.45	275.6	5.119	4.594			
	10	15.9	449.6	8.349	7.493			
	20	20.05	714.9	13.28	11.91			
	30	22.9	932.6	17.32	15.54			
	50	29.2	1516	28.16	25.27			
Monoject	1	5.74	58.59	1.088	0.976			
	3	8.941	142.1	2.64	2.369			
	6	12.7	286.8	5.326	4.78			
	12	15.72	439.4	8.161	7.324			
	20	20.12	719.9	13.37	11.99			
	35	23.52	983.8	18.27	16.39			
	60	26.64	1262	23.44	21.03			
	140	38	2568	47.69	42.8			
Terumo	1	4.7	39.28	0.73	0.654			
	3	8.95	142.4	2.646	2.374			
	5	13	300.5	5.581	5.009			
	10	15.8	443.9	8.244	7.399			
	20	20.15	722.1	13.41	12.03			
	30	23.1	949	17.63	15.81			
	60	29.7	1568	29.13	26.14			
Poulsen & Graf (Glass)	1	6.7	79.83	1.483	1.33			
	2	8.91	141.1	2.622	2.353			
	3	9.06	145.9	2.711	2.433			
	5	11.75	245.5	4.559	4.092			
	10	14.67	382.7	7.107	6.379			
	20	19.62	684.6	12.72	11.41			
	30	22.69	915.6	17.01	15.26			
	50	26.96	1292	24.01	21.54			
Steel Syringes	1	9.538	161.7	3.005	2.696			
	3	9.538	161.7	3.005	2.696			
	5	12.7	286.8	5.326	4.78			
	8	9.538	161.7	3.005	2.696			
	20	19.13	650.8	12.09	10.84			
	50	28.6	1454	27.01	24.24			
		Syringe (µL)	Inside Diameter (mm)	Maximum Rate (µL/hr)	Minimum Rate (µL/hr)	Syringe (mL)	Inside Diameter (mm)	Maximum Rate (mL/hr)
SGE (gas tight)	5	0.343	209.2	0.004	0.25	2.303	9.432	0.176
	10	0.485	418.3	0.008	0.5	3.257	18.86	0.351
	25	0.728	942.5	0.018	1	4.606	37.73	0.701
	50	1.03	1886	0.036	2.5	7.284	94.36	1.752
	100	1.457	3775	0.071	5	10.3	188.6	3.504
Hamilton Microliter	0.5	0.103	18.86	0.001	10	14.57	377.5	7.01
	1	0.146	37.91	0.001	25	23.03	943.2	17.52
	2	0.206	75.47	0.002	50	27.5	1344	24.98
	5	0.326	189	0.004	100	34.99	2177	40.43