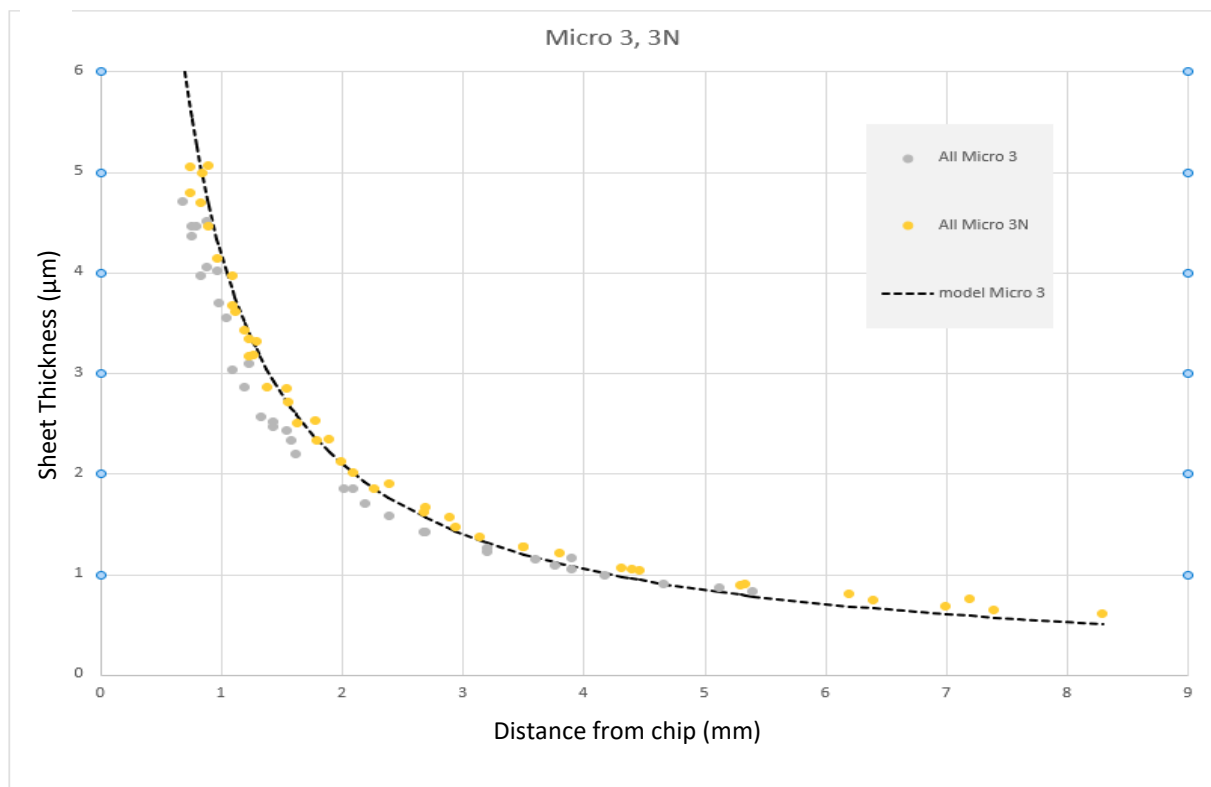


Specifications - Liquid MicroSheet Nozzles Micro 3 / Micro 3N

The Liquid MicroSheet Nozzles Micro 3 are highly uniform in operating performance from chip to chip. A narrow or "N" version is available that produces liquid sheets with a smaller width to length ratio. The N version is recommended for high-concentration solutions (tested from 0.1M to 4M NaCl in a vacuum recirculation setup)



	Micro 1		Micro 2		Micro 2N		Micro 3		Micro 3N	
	Min Q	Max Q	Min Q	Max Q	Min Q	Max Q	Min Q	Max Q	Max Q	Min Q
Q [ml/min]	1,2	2,7	1,5	4,7	1,8	6	3,5	7	3,5	9
P [psi]	113	450	73	330	102	510	127	278	178	540
P [bar]	7,8	31,0	5,0	22,8	7,0	35,2	8,8	19,2	12,3	37,2
W _{in} [μm]	0,1	0,55	0,1	1,0	0,09	1,03	0,345	1,5	0,715	1,175
L [mm]	0,90	4,30	0,77	6,0	4,7	8,1	1,77	6,89	1,58	9,735

Lowest flow rate at which interference fringes are visible

Max Q => Largest flow rate before the sheet shreds

W_{in} => Sheet width at center and inside the rims

L => Sheet length

All data in the table above is for H₂O