

SFSS Pty Ltd

FLUID SEALING AND SPRAY

INDUSTRIAL FLUID SEALING & SPRAY SOLUTIONS

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Eductor Mixing Nozzle

DESIGN FEATURES

- Effective, economical way to circulate liquids in closed or open tanks
- No moving parts
- Inherently clog resistant
- Requires minimal maintenance
- Nozzle operation creates multiplying effect on fluid flow

SPRAY CHARACTERISTICS

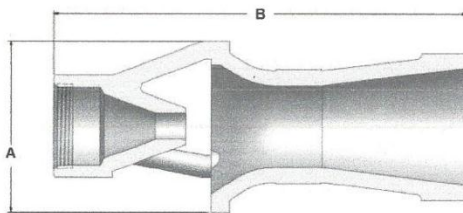
- Cone-shaped plume

Flow rates: 26.7 to 12000l/min (motive)

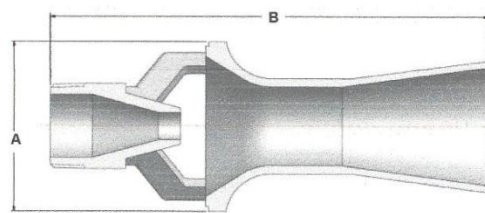
- The volume of discharge liquid will be 3-5 times greater than the motive liquid pumped



Metal



Metal



Plastic

PLASTIC												
Connection Size			K Factor	Motive Flow Rate LITERS PER MINUTE @ BAR*							Dimensions (mm)	
NPT	Part Number	0.7 bar		1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	A	B	
Male	3/8	TE73	33.2	27.8	33.2	40.7	47	52.5	57.6	62.2	54	114
	1/2	TE120	54.3	45.4	54.3	66.5	76.7	85.8	94	101	64	165
	3/4	TE137	62.4	52.2	62.4	76.4	88.2	98.6	108	117	73	162
	1	TE240	109	90.8	108	133	153	172	188	203	89	241
	1 1/2	TE340	155	130	155	190	219	245	269	290	114	248
Standard Material: Glass-filled Polypropylene.												
Dimensions are approximate.												
METAL												
Connection Size			K Factor	Motive Flow Rate LITERS PER MINUTE @ BAR*							Dimensions (mm)	
NPT	Part Number	0.7 bar		1 bar	1.5 bar	2 bar	3 bar	5 bar	7 bar	A	B	
Male	3/8	TE70	31.9	26.7	31.9	39.1	45.1	55.3	71.4	84.4	43	108
	1/2	TE110	50.1	41.9	50.1	61.3	70.8	87.0	112	132	55	133
	3/4	TE150	68.4	57.2	68.4	83.7	96.7	118	153	181	67	159
	1	TE230	105	87.7	105	128	148	182	234	277	83	200
	1 1/2	TE320	146	122	146	179	206	253	326	386	97	233
Female	2	TE620	282	236	282	345	399	489	631	746	121	286
	3	TE1500	684	572	684	837	967	1180	1530	1810	165	492
	4	TE2510	1130	950	1130	1390	1610	1970	2540	3000	213	864
Flanged (PN6)	6	TE6010	2720	2270	2720	3330	3840	4710	6080	7190	321	1320
	8	TE10050	4550	3800	4550	5570	6430	7870	10200	12000	416	1730

Dimensions are approximate.

Motive Flow Rate (l/min) = $k \sqrt{\text{bar}}$

Standard Material; (3/8" - 2") Brass, carbon steel, 316 Stainless steel: (3" - 8") Cast Iron, 316 Stainless Steel