




SILVENT 511

SILVENT 511: length 55.8 mm (2.19"). Same performance as 512.

Noise reduction

67% Air/cost savings

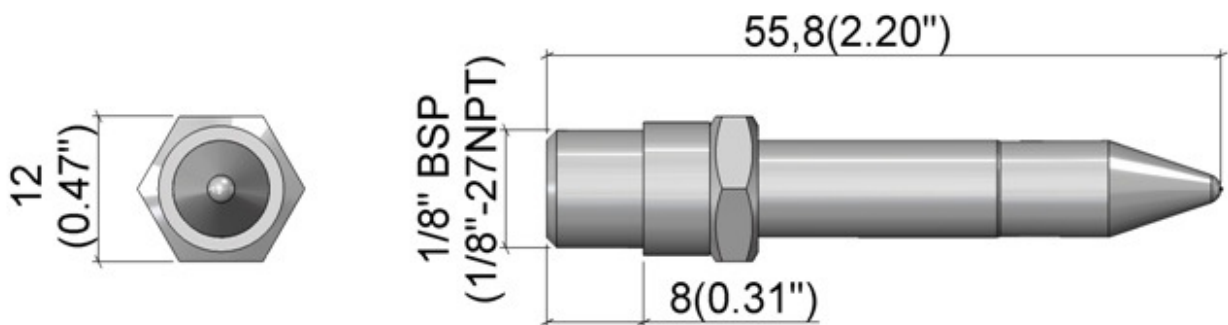
37%

SPECIFICATIONS

	SI units	US units
Blowing force	3.2 N	11.3 oz
Air consumption	19 Nm ³ /h	11.2 scfm
Sound level	79 dB(A)	
Blowing pattern	Concentrated	
Connection	G 1/8"	1/8" -27 NPT
Connection type	Male	
Dimensions	Ø 12x55.8 mm	Ø 0.47x2.19 inch
Material	Zinc	
Weight	0.020 kg	0.044 lbs
Max temp	70 °C	158 °F
Max operating pressure	1.0 MPa	143.0 psi

Benefits

Replace open pipe	4 mm	5/32 inch
Noise reduction [dB(A)]	16 dB(A)	67 %
Air/cost savings [Nm ³ /h]	11 Nm ³ /h	37 scfm
OSHA	Yes	
Meet the EU Machine directives	Yes	



Blowing properties at different pressures

SI units (kPa)	200	400	600	800	1000
Blowing force (N)	1.4	2.6	4.0	5.1	6.3
Air consumption (Nm ³ /h)	9.3	15.3	22.8	29.8	36.8
Sound level (dB(A))	71.0	76.8	81.0	84.9	87.5

US units (psi)	40	60	80	100	120
Blowing force (oz)	6.5	9.5	12.5	15.5	18.6
Air consumption (scfm)	7.1	9.8	12.6	15.4	18.0
Sound level (dB(A))	73.3	77.0	80.1	82.8	85.2

Air cone patterns and velocity distribution

SI units (mm)	50	100	200	300	400	500
Blowing pattern (∅)	24	38	80	114	156	194
Velocity (m/s)	121	101	56	39	35	32

US units (inch)	2	4	8	12	16	20
Blowing pattern (∅)	0.94	1.50	3.15	4.49	6.14	7.64
Velocity (ft/s)	397	331	184	128	115	105

