



**Product test possible!**

<b>Replaces open tube</b>	<b>10 mm</b>
<b>Noise reduction</b>	<b>73 %</b>
<b>Air-/ cost savings</b>	<b>49 %</b>
<b>Air pattern</b>	<b>Laval</b>

## Silvent 705L

### Laval nozzle

SILENT 705 L: a stainless steel Laval nozzle. Compressed air is utilized optimally in this nozzle, and its introduction constitutes a new dimension in blowing technology. The effect is achieved by surrounding a core of air traveling at supersonic speed with a protective film of air moving parallel to the central air jet. The central stream of air in the Silvent 705 L is generated by a Laval nozzle. The design of the nozzle converts all of the energy stored in the compressed air into kinetic energy without permitting the air jet to expand laterally after leaving the nozzle. The protective sheath of air prevents the core stream from being slowed down by the surrounding air and allows it to be utilized at full effect. This hinders the creation of turbulence and thereby lowers the sound level. The nozzle is made of stainless steel, which makes it suitable for use in virtually any environment where extra high blowing forces are required, e.g. within the paper and manufacturing industries, steel mills and chemical plants. Fully meets the EU Machine Directive's noise limitation requirements and OSHA's safety regulations. Patented.

### Technical data

Item number	717049
Air consumption	95 Nm <sup>3</sup> /h
Air connection	1/2 "
Sound	93 dB(A)
Material	Stainless steel
Blowing Power	17 N
Dimensions LxWxH	33 x 24 mm