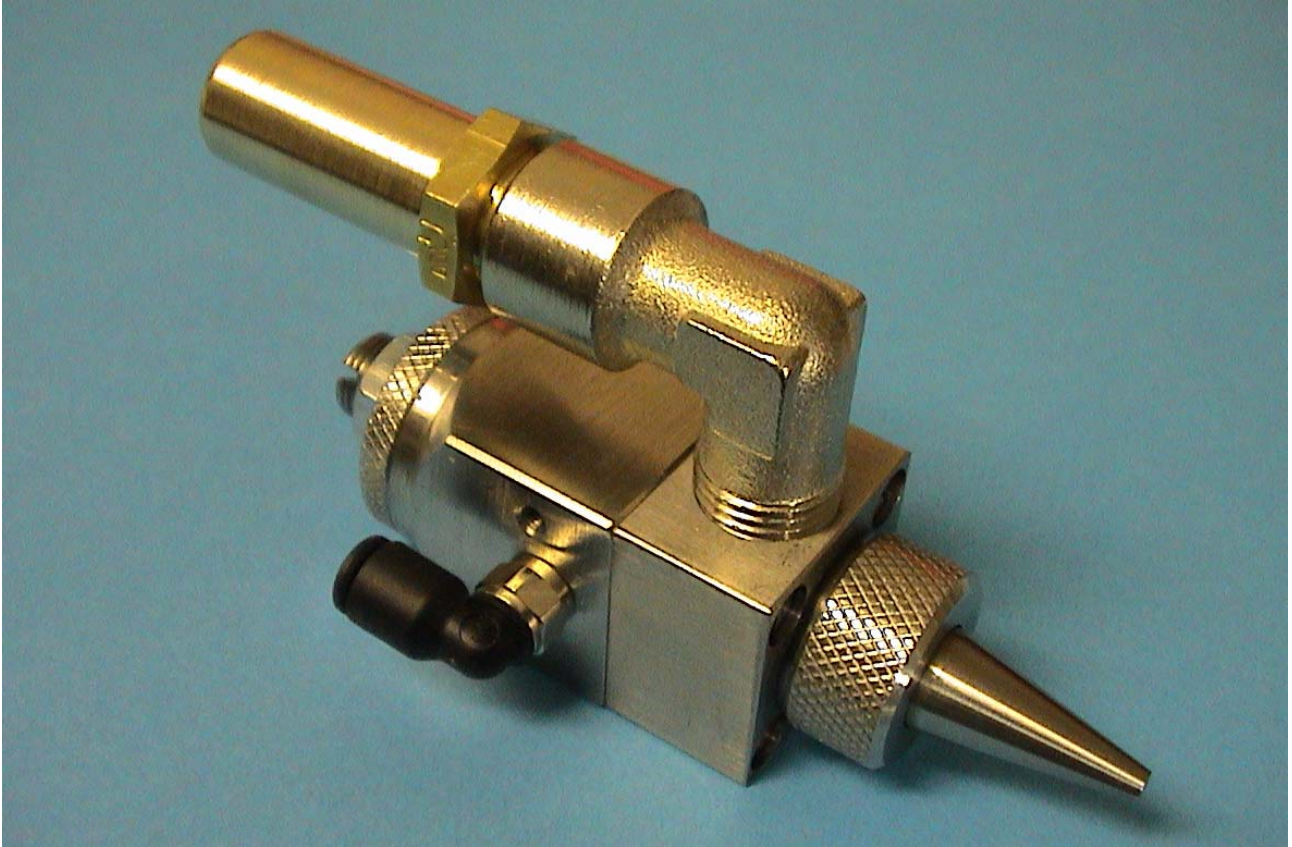


# ***SOUTHLAKE CORP***

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## **EA-1G GRAVITY APPLICATORS** for **AQUEOUS ADHESIVES**



The EA-1 Extrusion Applicator has been designed specifically to apply a line of aqueous adhesive to moving substrates, ie cigarette & filter making machines. The valve incorporates a well-proven diaphragm seal principle, to effectively seal the adhesive from the working parts. This diaphragm seal is fixed to both the valve body and the needle assembly and only flexes when the needle moves, thus eliminating premature wear & friction that occurs with sliding seals.

The unique nozzle & needle external and internal profiles, fully utilise the natural venturi effect (created by the paper passing over the nozzle opening) thus sucking the adhesive out at a flow that is proportional to the paper linear speed.

### **Main Features**

- Elimination of sliding seals – uses flexible rubber diaphragm to seal the adhesive from the moving parts.
- Nozzle & needle removal can be achieved without disassembly of valve.
- All Stainless Steel construction . Seals are supplied normally in EPDM rubber.
- Range of nozzle hole diameters and lengths to suit specific machines & applications..
- Compact size 2.5cm<sup>2</sup> x 6.5cm long (excluding nozzle).
- Typically used for side seam and or internal anchorage lines for all cigarette and filter Making machines.