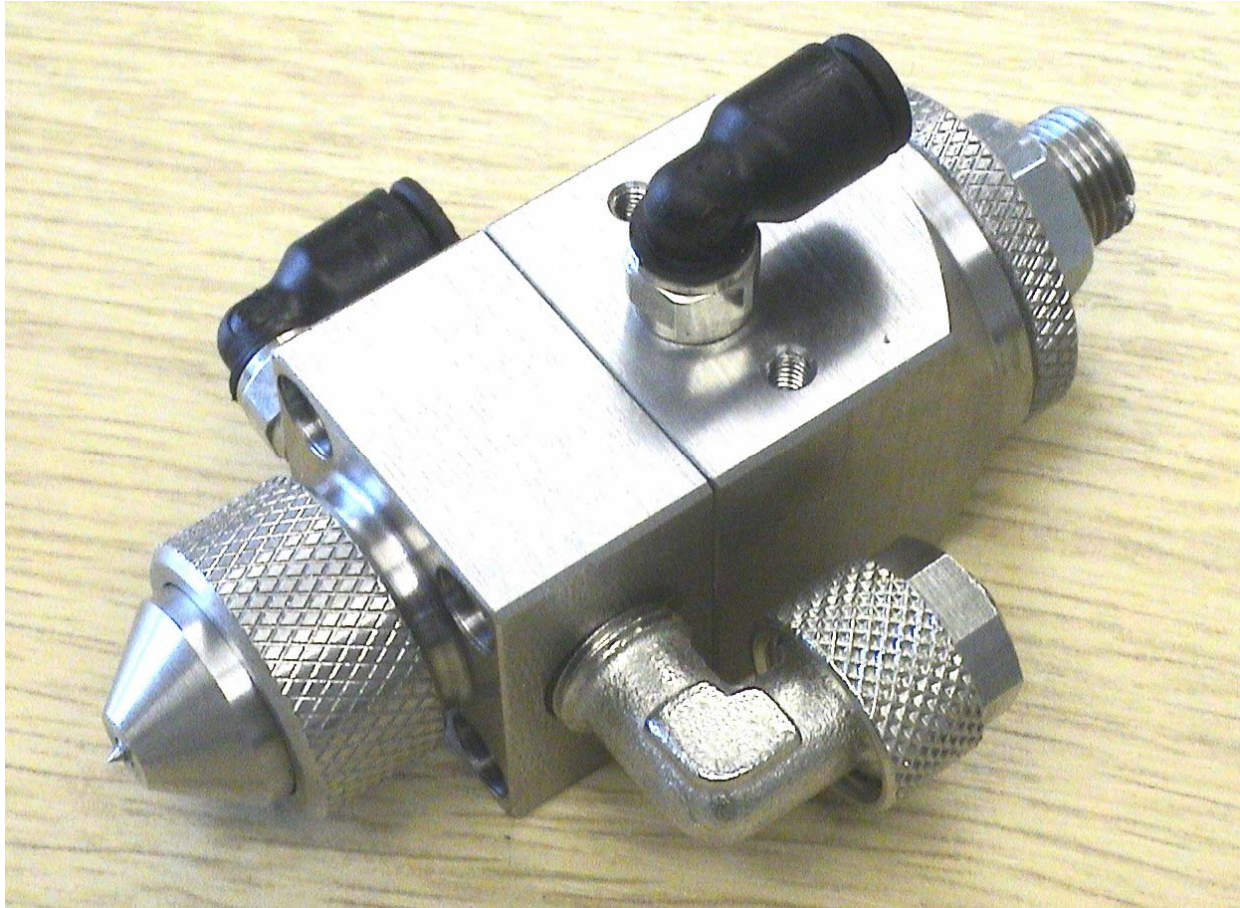


SOUTHLAKE CORP

SA-1-SW - SWIRL SPRAY APPLICATOR



The SA-1-SW Swirl Spray Applicator is based upon the well proven range of SA-1 Spray applicators, but incorporates a special nozzle/needle & air cap designed specifically to apply a swirl pattern to moving substrates, primarily intended for the application of filter tow retention adhesives. The valve incorporates the 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 piston assembly and only flexes when the needle moves, thus eliminating premature wear & friction that occurs with sliding seals.

Main Features

- Specifically designed to handle high viscosity adhesives.
- Elimination of sliding seals – uses flexible diaphragm to seal the adhesive from all moving parts
- Nozzle & needle removal can be achieved without disassembly of valve.
- All Stainless Steel construction . Seals are supplied normally in EPDM rubber, other materials available
- Compact size 2.5cm² (excluding solenoid) x 6.5cm long.
- Various air & adhesive porting arrangements are available.
- Typical uses:- Filter Tow internal anchorage swirl application for all types of filter makers.