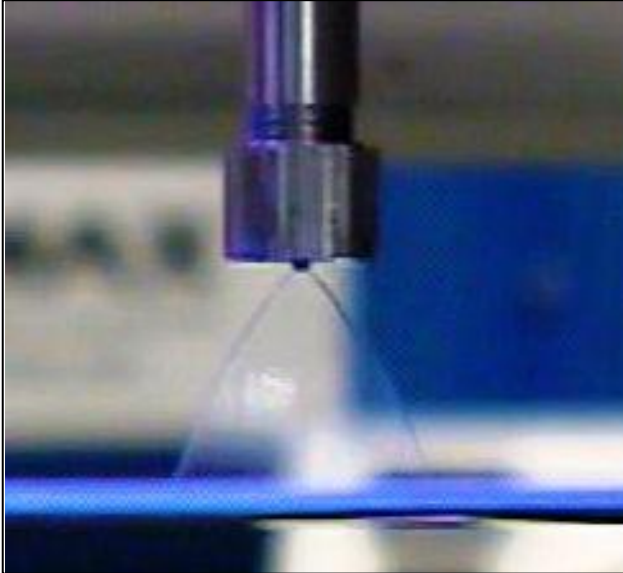




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## VALVE SPECIFICATIONS

### Dimensions

174 mm x 19 mm x 19 mm  
(6.86" x 0.75" x 0.75")

### Weight

6 oz

### Coating Process Speed

Up to 500 mm/sec (19.7 in/sec)

### Pattern Width

8-12 mm

### Viscosity Range

1 cps – 100 cps

### Operating Air Pressure

60 – 100 psi

### Maximum Inlet Fluid Pressure

3500 psi

### Wetted Components

Stainless steel, Teflon<sup>®</sup>, Kalrez<sup>®</sup>

## FC100-CF NON-ATOMIZED FILM COATING VALVE

The FC100-CF film coating valve produces a sharp, non-atomized stream of low viscosity fluids and coatings. The resulting precise application process is ideal for solvent based chemistries requiring wet film builds of at least 0.008". The FC100-CF is compatible with all PVA selective coating platforms including the PVA350, PVA650, and PVA2000.

The FC100-CF has many integrated features including:

- ▲ Non-atomized coating process with superior edge definition
- ▲ 99% material transfer efficiency
- ▲ Interchangeable film coat nozzles for variable flow rates
- ▲ Micrometer flow adjustment with lock ring
- ▲ Rapid coating speeds up to 500 mm (19.7") / second
- ▲ Stainless steel fluid body for superior material compatibility
- ▲ Divorced valve design prevents material contamination of the air body

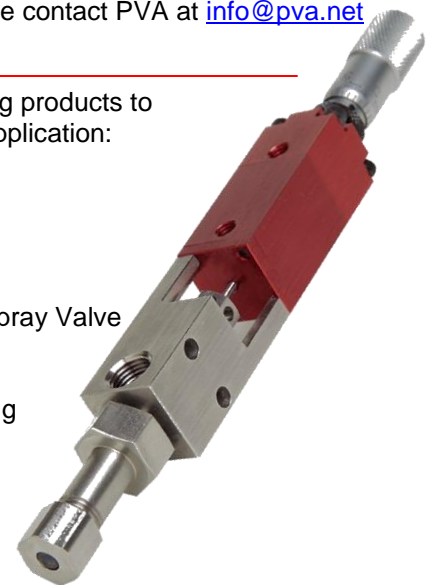
For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or 1-518-371-2684.

PVA also offers the following products to enhance your dispensing application:

**FC1-C-SP**  
FC100-CF Spare Parts Kit

**FCS300-ES**  
Stainless Steel Extended Spray Valve

**FC100-MC**  
Stainless Steel Front Closing  
Dispense Valve



Teflon<sup>®</sup> and Kalrez<sup>®</sup> are registered trademarks of Dupont.

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# FC100-CF Mounting Dimensions

