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## VALVE SPECIFICATIONS

### Dimensions

190.5 mm x 22 mm x 22 mm  
(7.50 in x 0.866 in x 0.866 in)

### Weight

9.5 oz

### Viscosity Range

1 cps – Paste

### Operating Air Pressure

60 – 100 psi

### Maximum Inlet Fluid Pressure

2500 psi

### Wetted Components

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

### Transfer Efficiency

99%

### Spray Pattern Width

0.125 in – 0.5 in

## FCS300-ES STAINLESS STEEL EXTENDED SPRAY VALVE

The FCS300-ES extended spray valve provides a repeatable, concentrated coating film in circular pattern widths ranging from 0.125" to 0.5". The atomized spray process resulting from the FCS300-ES will produce excellent edge definition and coating transfer efficiencies in excess of 99%. The FCS300-ES features a micrometer flow adjustment that makes fine tuning of your process easier than ever.

The FCS300-ES has many integrated features including:

- ▲ Low pressure, low volume atomized process
- ▲ 300 series stainless steel fluid body for superior material compatibility
- ▲ Micrometer flow adjustment with lock nut
- ▲ Divorced valve design prevents material contamination of the air section
- ▲ Compatible with all commercially available conformal coatings
- ▲ Wide viscosity range offers versatility for virtually any spray application

The FCS300-ES is available on all new PVA2000™, PVA650™, and PVA350™ selective coating systems, or can be retrofitted to any existing PVA system.

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 improve your dispensing application:

### FCS300-F/R

Stainless steel spray valve with fan or circular-shaped pattern

### FC100-MC

Stainless steel front closing dispensing valve

### FCS3-ES-SP

FCS300-ES spare parts kit



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

# FCS300-ES Mounting Dimensions

