



**WHERE
PRECISION
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PRODUCTION**



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[®], Kalrez[®]

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 on PVA's coating capabilities, please contact one of our sales representatives at (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



Teflon[®] and Kalrez[®] are registered trademarks of Dupont.

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FCS300-ES Mounting Dimensions

