



**WHERE
PRECISION
DRIVES
PRODUCTION**



VALVE SPECIFICATIONS

Dimensions:

152 mm x 19 mm x 19 mm
(6.00 in x 0.75 in x 0.75 in)

Weight:

6 oz

Viscosity Range:

1 cps – Paste

Operating Air Pressure:

60 – 100 psi

Maximum Inlet Fluid Pressure:

3500 psi

Wetted Components:

Stainless steel, Teflon[®], Kalrez[®]

FC100 STAINLESS STEEL DISPENSING VALVE

The FC100 is a versatile dispensing valve for single-component bead, dot, potting, or encapsulation projects. The FC100 features a lightweight, compact design that makes it an ideal choice for any automated or handheld process. The FC100 is compatible with all PVA automated platforms.

The FC100 has many integrated features including:

- ▲ 300 series stainless steel fluid body for superior material compatibility
- ▲ Flow adjustment with lock nut
- ▲ Divorced valve design prevents material contamination of the air section
- ▲ Reversible valve seat
- ▲ Spring-assisted valve closure for reliable cycle stops
- ▲ Compatible with all Luer-Lok[™] needle tip designs
- ▲ High inlet pressure rating allows for processing of viscous chemistries

For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

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

FC100-MC

Stainless steel front closing dispensing valve with micrometer flow adjustment

FC300

High volume stainless steel dispensing valve

FC1-SP

FC100 spare parts kit



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Luer Lok[™] is a Becton Dickinson and Co. trademark.
Teflon[®] and Kalrez[®] are registered trademarks of Dupont.

FC100 Mounting Dimensions

