

# FIS 790HP-LF High Pressure Dispensing Valve for High Viscosity Liquids: Silicones, RTVs, Greases, Sealants



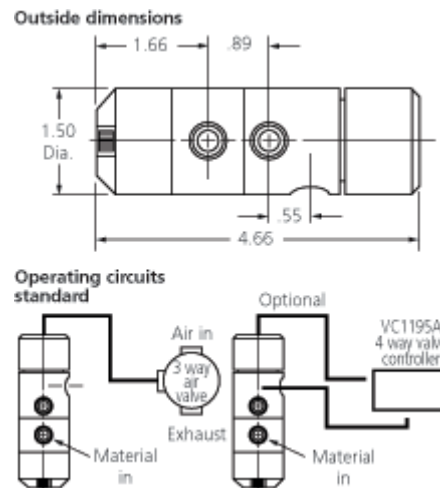
## Description

The **Fisnar 790HP-LF High Pressure Dispensing Valve** is designed to dispense high viscosity fluids such as **silicones, RTVs**, sealants, pastes and greases. The FIS 790HP-LF high pressure valve provides a snap-release shut off after dispensing, creating a suck-back effect that prevents any dripping.

## Features & Benefits

- Designed to dispense high viscosity fluids including epoxies, UV adhesives, pastes, grease, silicones, sealants, RTVs
- Suitable for potting/filling
- Ability to dispense in dots, beads/lines, micro dots, micro beads
- High pressure fluid input up to 2500psi
- Available in aluminium or stainless steel
- Suck-back eliminates post-dispense dripping

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The FIS 790HP-LF is a high pressure dispensing valve which is also known as a “spool valve”. The material to be dispensed is supplied under pressure to the material inlet. The valve is opened and closed pneumatically, typically using a [dispensing controller](#). Applying a minimum of 50 psi to the air inlet will force the internal spool forward, dispensing the material. Releasing the air pressure allows an internal spring to snap the spool back, closing the valve. The spool shape helps to provide a suck back of the material, preventing drips and giving a clean cut-off of the dispense.

## Specifications

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Specification	
Construction	FIS 790HP-LF – Aluminium Valve Body FIS 790HPSS-LF – Stainless Steel Valve Body Aluminium inlet & outlet blocks
Material inlet	1/4" NPT
Air inlet (actuating)	1/4" NPT
Material outlet	1/4" NPT
Air pressure required	50 psi minimum
Maximum input pressure	2500 psi
Seals	O-ring – viton, seats are glass filled PTFE

## Other Information

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<p><b>CASE STUDY</b></p> <p><b>intertronics</b> adhesives, coatings, sealants &amp; equipment for your manufacturing and technology application</p> <p><b>F520RH1</b> Finer dispensing robot</p> <p><b>790HP-LF</b> High pressure dispensing valve</p> <p><b>SL101M</b> Digital liquid dispenser</p> 	<p><b><u>Automated Sealant Dispensing Proves a Winner for Innovative Golfing Product</u></b></p> <p>An automated sealant dispensing system provided consistent and reliable results in this wearable technology application.</p>
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See also our [Technical Articles and White papers](#) page to download [“Improving Industrial Dispensing with Pneumatic Dispensing Valves”](#) – a whitepaper about this technology.

## Ordering Information

Specification	Description
FIS790HP-LF	High pressure dispensing valve – aluminium body

# FIS 790HP-LF High Pressure Dispensing Valve for High Viscosity Liquids: Silicones, RTVs, Greases, Sealants



Specification	Description
FIS790HPSS-LF	High pressure dispensing valve – stainless steel body

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## Next Steps

Our technical sales team are on hand to discuss your application requirements. [Click here](#) to get in touch.

Find out more information on [how to purchase](#).

Supplied by:

**intertronics**

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