

524 VALVES SERIES

Valves for Folder Gluers and Envelope Machines

Valco Melton's 524 Series Valves for single and multi-orifice nozzles, set a new standard for high speed, non-contact gluing. Each valve is equipped with a built-in purge switch and rear-adjust, and is capable of handling high glue pressure up to 500 psi (35 bar). The 524 valve also offers a high flow rate and can dispense viscosities up to 4,500 mPas, making it suitable for high-speed patterns or dotting.

- Highest cycle rates available for contact valves
- High flow rate
- High performance replacement for Legacy 400 valve
- Longer life for dotting applications
- Direct coil-on-body technology
- Sealed mechanical purge switch
- Available with low-restriction, engineered ceramic nozzle for improved restart

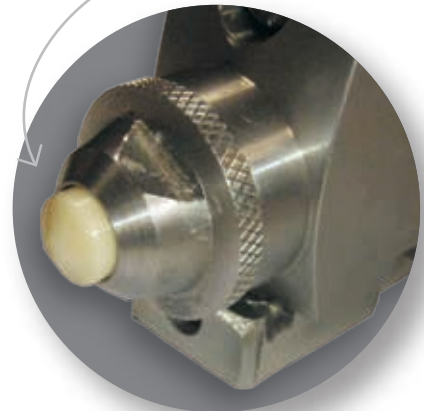
524 Valve applying dots on a folder gluer



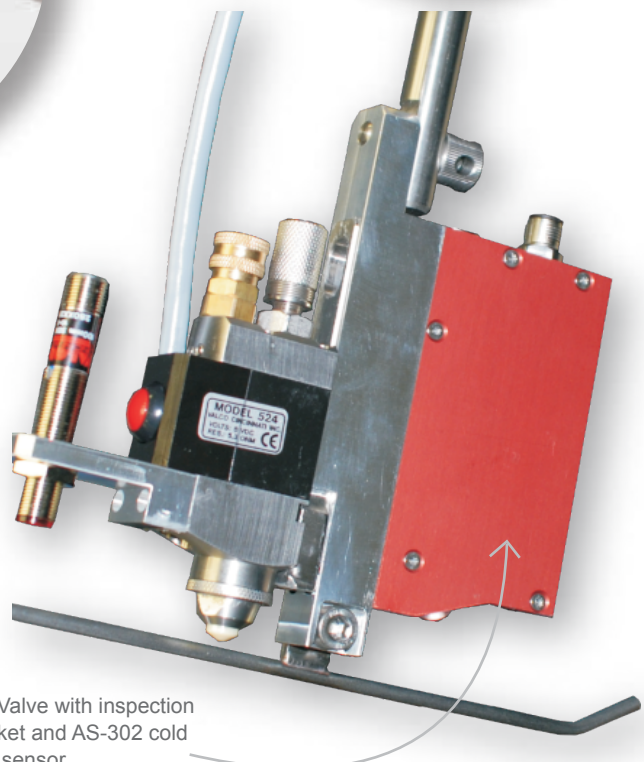
EZT LN extended nozzle for space restricted areas



Nozzle featured with ceramic head



524 Valve with inspection bracket and AS-302 cold glue sensor



Valco Melton's 524 Series Valve Options:

524EZR Series Valves - Standard nozzle - Adjustable flow - Available with standard or low restriction nozzle

524EZT Series Valves - Low restriction nozzle- Non adjustable flow - Available with standard or low restriction nozzle

524EZR LN Series Valves - Extended nozzle body - Adjustable flow

524EZT LN Series Valves - Extended nozzle body- Non adjustable flow

524ECT Contact Extrusion Valve - Non adjustable flow

524ECR Contact Extrusion Valve - Adjustable flow

Note: Specialty folder gluers with heavier adhesive and multiple lines should use the 540 Series valve.

Technical Specifications

524 Series Valve	
Typical Life Cycle of Wearable Component:	250 million cycles
Coil Voltage:	6 V
Viscosity:	4,500 mPas
Cycles/Second Maximum:	500 cycles/ second
Maximum Pressure:	500 psi (35 bar)
Plunger Stroke Range:	0-0.035 inches (0-0.9 mm)
Supplied Fluid Connection:	9/16-18 JIC 37°, 8mm push lock, quick disconnect



For more information, visit valcomelton.com or contact your local Valco Melton representative.

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