

524 SERIES

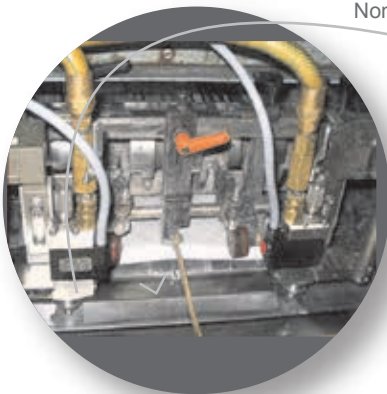
Valves for Folder Gluers and Envelope Machines

The Valco Melton 524 Series Valves for single and multi-orifice nozzles set a new standard for high speed non-contact gluing. Each valve comes with a built-in purge switch and rear-adjust. This series has a high flow rate, dispenses viscosities up to 4,500 mPas, is suitable for high speed patterns or dotting, and can handle high glue pressure up to 500 psi (35 bar).

- 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

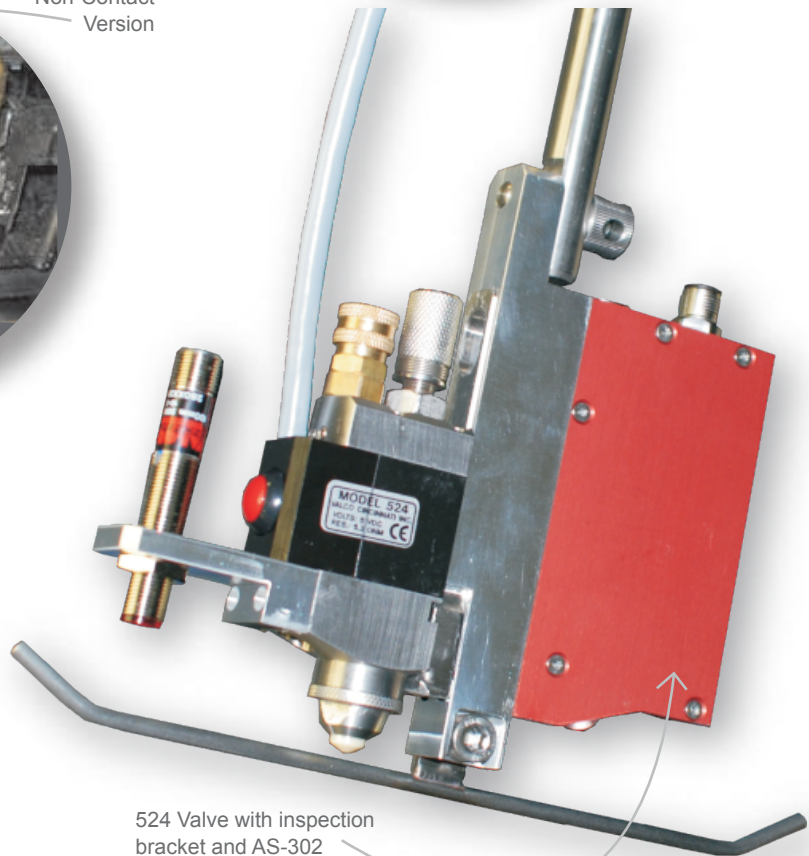
524 Series

Valve Variations:



Multi-Orifice
Non-Contact
Version

524 Valve applying dots on a
folder gluer



524 Valve with inspection
bracket and AS-302

Valco Melton's 524 Series Valve Options:

524EZ - Non-contact, 2.4 mm ball plunger, EZ style nozzle/seat like on 400EZ and 300 valves

524EZR - With rear-adjust

524EZRL - With rear-adjust and low restriction nozzle

524EC - Non-contact, 2.4 mm ball plunger, M16 retainer nut, EC style seat adapter for using all old 585/400 style nozzles requires new bracket if replacing 400 valve

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
Configurations:	EZ, rear adjust and non-rear adjust EC, rear adjust and non-rear adjust EZL, rear adjust and non-rear adjust



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

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