



540 SERIES

Valves for Specialty Folder-Gluers

The Valco Melton 540 Valve for single and multi-orifice nozzles can convert quickly from non-contact to contact. A variety of available contact applicator heads apply pattern widths up to 3 inches, come with a built-in purge switch, and are available in a rear-adjust version. This valve has a high flow rate and dispenses viscosities up to 4,500 mPas. Suitable for high speed patterns, dotting, and dispensing high glue pressures up to 500 psi (35 bar), the Valco® 540 Series Valve is the ideal solution for replacing pneumatic technology on specialty gluers.

- High glue rate for improved dot applications
- High flow rate
- Clean cut-off for consistent patterns at any speed
- Longer life for intermittent and dotting applications
- Direct coil-on-body technology
- Sealed Mechanical purge switch
- Engineered ceramic seat
- Contact application widths up to 3 inches (75 mm)
- Non-contact application widths up to 1 inch (25mm)



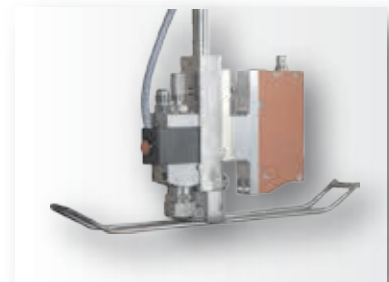
540 Series Valve Variations:



Contact Version



Multi-Orifice Non-Contact Version



Non-Contact Version with Glue Pattern Inspection

Valco Melton's 540 Series Valve Options:

540BR- Contact, 4 mm ball plunger, accepts entire BoardRunner series of contact heads

540EC- Non-contact, 4 mm ball plunger, 1" retainer nut for non-contact nozzles up to 1" wide patterns, multi-bead or single bead

Folding carton and envelope machines should use the 524 high speed jetting 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:	300 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
Part Numbers:	540BR- rear-adjust - 707xx468 540BR- non-rear-adjust - 707xx467 540EC - rear-adjust - 707xx469 540EC - non-rear-adjust - 707xx466



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

World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel:+1.513.874.6550 • Fax: +1.513.874.3612

Europe Headquarters: Spain, Navarra • Tel:+34.948.321.580 • Fax:+34.948.326.584

Asia Headquarters: China, Xiamen, Fujian • Tel:+86.592.591.7854 • Fax:+86.592.591.7834

info@valcomelton.com • Serving over 76 Countries Worldwide • valcomelton.com