

The 400 ECT glue valve is solenoid-operated for precise glue patterns at high machine speeds. The compact size permits installation into space-restricted areas. The valves feature a purge/test switch and a carbide-tipped plunger assembly for long service life.

Applications

Folding cartons, envelopes, mailers, and other requirements in the paper converting and graphics industries.

Technical Data

Coil data	12 VDC, 20 ohm, 7.2 W
Max. fluid pressure	500 psi (35 bar)
Viscosity	300–2500 cps
Min. pattern length	0.20 in. (5 mm) at 1000 ft/min (304 m/min)
Min. skip distance	0.50 in. (13 mm) at 1000 ft/min (304 m/min)

400ECT contact, internal seat

707xx 385	400ECT Valve assembly, less nozzle, 12VD
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400ECT nozzle options

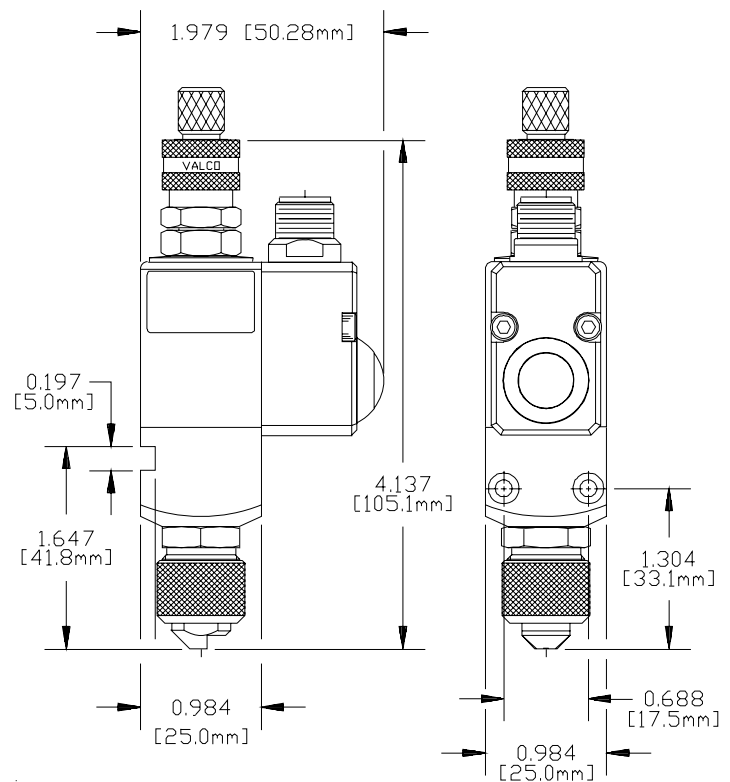
(item 18 on parts list)

Ceramic:

704xx509	Nozzle, 0.40 mm
704xx402	Nozzle, 0.50 mm
704xx419	Nozzle, 0.60 mm
704xx401	Nozzle, 0.70 mm

Stainless Steel:

704xx449	Nozzle, 0.25 mm
704xx499	Nozzle, 0.30 mm
704xx010	Nozzle, 0.40 mm
704xx009	Nozzle, 0.50 mm
704xx008	Nozzle, 0.60 mm
704xx007	Nozzle, 0.70 mm
704xx332	Nozzle, 0.80 mm
704xx331	Nozzle, 1.00 mm

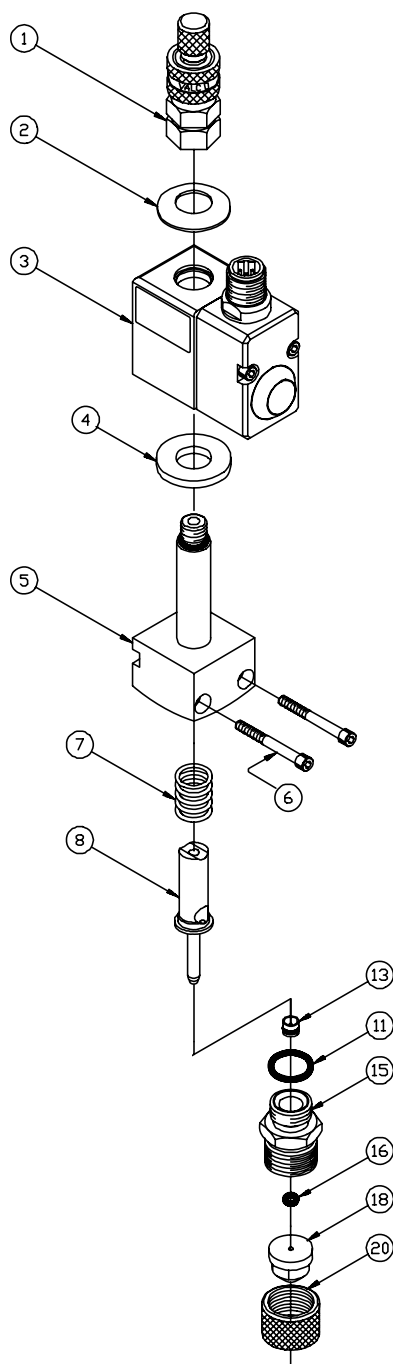


400ECT Valve



400 ECT Series Glue Valve with EP Seals

DS081



Replacement Parts

400ECT valve sub-assembly (includes items 1–6),		
	12VDC	707xx386
1	Quick-disconnect assembly	752xx040
1a	Male stopper	750xx013
2	Spring washer	793xx153
3	Solenoid assembly (includes item 4) 12VDC	704xx796
4	Flux washer	704xx348
5	Valve body assembly (includes item 5a)	704xx563
5a	O-ring	745xx113
6	SHCS, M3 x 25 mm	798xx049
7	Spring, 12VDC	793xx727
8	Plunger	704xx554

400ECT Seats, Adapters, and Retainers

Nozzle adapter assembly 400ECT		
(includes items 13, 11, 15, 16, and 20)		
11	O-ring	746xx089
13	Seat insert assy (includes O-ring 746xx088)	707xx387
15	Nozzle adapter, 400ECT	704xx569
16	O-ring	746xx087
18	Nozzle (see options on front)	
20	Retaining nut, 400EC, M16 x 1	793xx710

Tools and Repair Kits

Maintenance kit, 400EC	707xx388
Seat extraction tool, 400EC	781xx305
Seat insertion tool, 400EC	781xx306

Maintenance kits include lithium grease, flushing adapter, nozzle cleaning drills, cleaning brush, valve spring, and O-rings. The 707xx388 kit also includes seat extraction tools.

Cables

The following cables have connectors on each end. They are for use with the MCS control and controls with the connector backpanel option.

030xx625	4 meter (13.1 ft) M12 extension
030xx741	10 meter (32.8 ft) M12 extension

The following cables have the new valve connector on one end and flying leads on the other. They are for use with field wireable controls.

030xx880	4 meter (13.1 ft) M12 extension
030xx882	10 meter (32.8 ft) M12 extension

CONTACT VALCO FOR ADDITIONAL CABLES.

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