

# Valve Selection Guide



Category	Syringe	Micro Dispense	Diaphragm Valve	Front Closing Dispense			Suck Back Dispense	Metering Valve		Auger Valve		Jetting
Valve	-	FDV-FCM-100	FDV-CA-300	FDV-FC-100-MC	FDV-FC-300	FDV-FC-300-MC	FDV-SB-300	FDV-MV-250-LL	FDV-MV-300	FDV-SV-200	FDV-SVX-100	FDV-JDX-100
Controller	FDC-S-100	ST100	ST100	ST100	ST100	ST100	ST100	ST100	ST100	SVC100	CONT-SVX	CONT-JDX
<b>Viscosity Range (CPS.)</b>												
Pressure Reservoir		1-2,000	1-20,000	1-20,000	5,000-25,000	5,000-25,000	5,000-25,000	1-20,000	1-20,000			1-20,000
Direct Mount	100-400,000	1-2,000	1-50,000	1-25,000	5,000-50,000	5,000-50,000	5,000-50,000	1-50,000	1-50,000	20,000-Paste	20,000-Paste	1-400,000
Pump System				25,000-Paste	25,000-Paste	25,000-Paste	25,000-Paste					
<b>Valve Outlet</b>												
Luer Lock Nozzle	x		x	x	x	x	x	Optional	x	x	x	
Micro Dispense Nozzle		x						x			Optional	
NPT Thread			Optional	Optional	Optional	Optional	Optional					
Custom												x
<b>Application</b>												
Micro Dots		x						x	x	x	x	x
Dots	x	x	x	x	x	x	x		x	x	x	x
Bead / Gasket	x	x	x	x	x	x	x			x	x	
Potting / Encapsulation	x		x	x	x	x	x					
Coating												
<b>Abrasive Fluids</b>												
Filled or Unfilled	Both	U	U	U	U	F	U	U	U	Both	Both	U
<b>Materials</b>												
Acrylic	x	x	x	x	x	x		x	x			x
Activator		x	x	x				x	x			x
Adhesive	x	x	x	x	x	x	x	x	x	x	x	x
Anaerobics	x		x									
Brazing Paste						x				x	x	
Chip Bonder	x			x	x	x		x	x	x	x	x
Conformal Coating		x	x	x					x			x
Cyanoacrylate	x		x									
Epoxy	x	x	x	x	x		x	x	x	x	x	x
Epoxy (Premixed & Frozen)	x									x	x	x
Flux		x	x	x				x	x			x
Grease	x			x	x	x	x		x	x	x	x
Masking	x		x	x	x		x		x			x
Methacrylate	x		x									
Oil	x	x	x	x	x		x	x	x			x
Paint	x	x	x	x	x		x		x			x
Primer		x	x	x				x	x			x
RTV	x			x	x	x	x		x	x	x	
Silicone	x			x	x	x	x		x	x	x	
Solder paste						x				x	x	
Sovent		x		x				x	x			x
Thermal Interface Material										x	x	
Urethane	x	x	x	x	x		x	x	x			x
UV Curable	x	x	x	x	x		x	x	x			x
Water		x	x	x					x			x

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