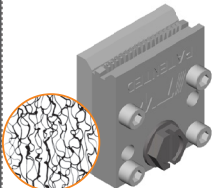
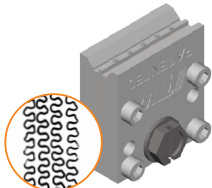
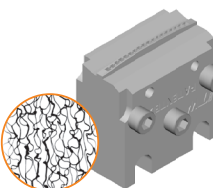
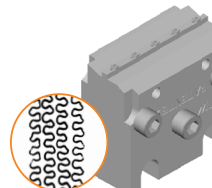
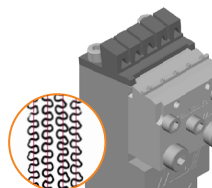


Nozzle	UFD RF	UFD Omega	UFD HS RF	UFD HS Omega	UFD SCS
					
Key Attributes	Random Fiber Pattern	Omega Oscillating Pattern	Random Fiber Pattern	Omega Oscillating Pattern	Coating of Elastic Strands
Production Speed Capability	Continuous or Intermittent Up to 500 m/min	Continuous or Intermittent Up to 500 m/min	High Speed Intermittent Up to 650 m/min	High Speed Intermittent Up to 650 m/min	High Speed Intermittent Up to 650 m/min
Module Compatibility	MR1300	MR1300	HS Series Module	HS Series Module	HS Series Module
Materials of Construction	Stainless steel plates and fasteners, Viton seals	Stainless steel plates and fasteners, Viton seals	Stainless steel plates and fasteners, Viton seals	Stainless steel plates and fasteners, Viton seals	Stainless steel plates and fasteners, Viton seals, A2 Tool steel guide
Edge Control	Very Good	Excellent	Very Good	Excellent	Excellent
Coating Width (per nozzle)	10 - 30 mm typical	3 - 25 mm typical	10 - 30 mm typical	3 - 25 mm typical	Up to 10 Strands
Nozzle Orifice Sizes	.012" to .024" (.31 to .61 mm)	.012" to .024" (.31 to .61mm)	.012" to .024" (.31 to .61 mm)	.012" to .024" (.31 to .61 mm)	.012" to .040" (.31 to 1.0 mm)
Nozzle to Substrate Distance	15 to 35 mm typical	10 to 25 mm typical	15 to 35 mm typical	10 to 25 mm typical	4 to 8 mm
Typical Adhesive Flow	0.1 to 40 g/min per orifice	.5 to 20 g/min per orifice	0.1 to 40 g/min per orifice	.5 to 20 g/min per orifice	15 to 100 MG/LM/S
Typical Add-on Weight	All Nozzles .5 - 20 gsm Depending on Line Speed - Can Increase for Special Applications				
Adhesive Viscosity	Up to 6,000 cp	Up to 6,000 cp	1,000 - 6,000 cp	1,000 - 6,000 cp	1,000 - 15,000 cp
Operating Air Pressure	.7 to 2.4 bar (10 to 35 PSI)	.15 to 1.4 bar(2 to 20 PSI)	.7 to 2.4 bar (10 to 35 PSI)	.15 to 1.4 bar (2 to 20 PSI)	.35 to 1.7 bar (5 to 25 PSI)

Note: All above information is dependent on type of adhesive, line speed and various other application specifics, results may vary.