

# UFD Brand™ Fiberized Spray Applicator

UFD Brand™ fiberized spray applicators provide exceptional value and adhesive savings when compared to spiral spray and other traditional applicator heads. With ITW Dynatec's patented UFD Omega™ and random fiber patterns, UFD Brand™ applicator heads provide up to 50% adhesive savings by using much less glue while maintaining, if not improving, bond strength.

## UFD Brand™ Fiberized Spray Applicators:

- The most precise adhesive applicator for size and placement of multiple fiber size patterns in the industry.
- Patented Omega™ and random fiber patterns use less adhesive and maintain or improve bond strength.
- Consistent coat weight application eliminates ridges and valleys common when using swirl applicators.
- Continuous pattern edge accuracy of  $\pm 2$  millimeter, depending on the adhesive.
- Line-speed tracking and consistent coat weights regardless of variances of web-speed.
- Web width pattern changes without interruption when utilizing multiple solenoid inputs.
- Vast range of coat-weight capabilities.
- Patterns are not line-speed limited.

### Performance

Industry-trusted pneumatic operation ensures precise adhesive placement, accurate coat weights and is not line-speed limited.

### Simplicity

Single screw nozzle mount allows for quick nozzle replacement.

### Reliability

All stainless steel nozzle construction and internally filtered heated air give longer service life.

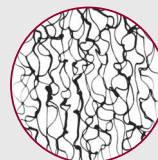


UFD Brand™ Fiberized Spray Applicators

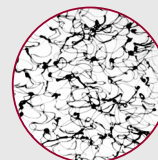
## The Dynatec Difference

### Patented Technology

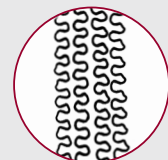
Many companies say that they are innovators by providing techniques for laying down fiberized adhesive, but only ITW Dynatec has the patents to prove it (5,902,540 - 5,882,573 - 5,904,298). ITW Dynatec invented Laminated Plate Technology, which is used in all ITW Dynatec UFD™ nozzles and is the most effective way to lay down fiberized



Random Fiber



Random Fiber

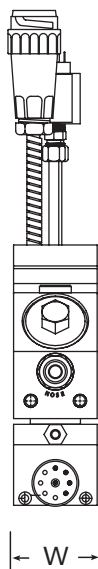
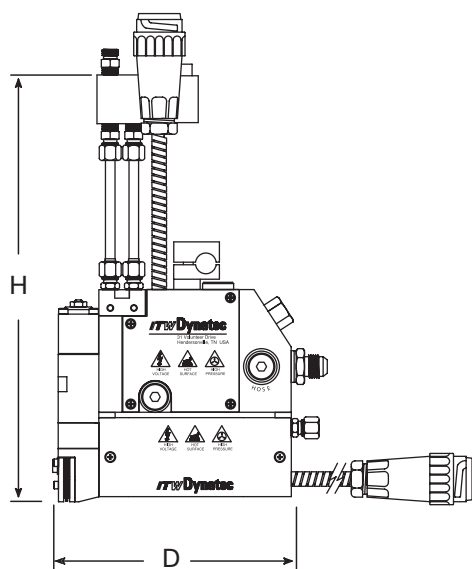


Omega

adhesive. This new product spawned many imitators, but none have been able to match the performance provided by ITW Dynatec's Laminated Plate Technology. When you use UFD™ Fiberized Spray technology from ITW Dynatec, you can be certain that you are using the best product on the market.

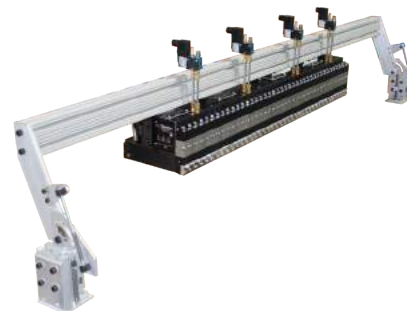
System	UFD 050	UFD 050	UFD 075	UFD 100	UFD 150
Max. No. Modules	1	2	3	4	6
Spacing Between Nozzle Centers	- - -	25.2 mm (1 in)	25.2 mm (1 in)	25.2 mm (1 in)	25.2 mm (1 in)
Temperature Range	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)
Warm-up Time	15 min. (cold start) 5 min. (module change)	15 min. (cold start) 5 min. (module change)	15 min. (cold start) 5 min. (module change)	15 min. (cold start) 5 min. (module change)	15 min. (cold start) 5 min. (module change)
Adhesive Viscosity	100 to 30,000 cps	100 to 30,000 cps	100 to 30,000 cps	100 to 30,000 cps	100 to 30,000 cps
Maximum Adhesive Pressure	68 bar (1000 psi)	68 bar (1000 psi)	68 bar (1000 psi)	68 bar (1000 psi)	68 bar (1000 psi)
Air Pressure Range	4.1 to 6.9 bar (60 to 100 psi)	4.1 to 6.9 bar (60 to 100 psi)	4.1 to 6.9 bar (60 to 100 psi)	4.1 to 6.9 bar (60 to 100 psi)	4.1 to 6.9 bar (60 to 100 psi)
Electrical Service Standard	200-240 VAC 1 Phase 50-60Hz	200-240 VAC 1 Phase 50-60Hz	200-240 VAC 1 Phase 50-60Hz	200-240 VAC 1 Phase 50-60Hz	200-240 VAC 1 Phase 50-60Hz

Dimensions	UFD 050	UFD 050	UFD 075	UFD 100	UFD 150
Height (H)	261 mm (10.28 in)	261 mm (10.28 in)	261 mm (10.28 in)	261 mm (10.28 in)	261 mm (10.28 in)
Depth (D)	146.3 mm (5.76 in)	146.3 mm (5.76 in)	146.3 mm (5.76 in)	146.3 mm (5.76 in)	146.3 mm (5.76 in)
Width (W)	50 mm (1.97 in)	50 mm (1.97 in)	75 mm (2.95 in)	100 mm (3.94 in)	150 mm (5.91 in)



## UFD™ Easy Mount Brackets

The UFD Brand™ Mounting Brackets from ITW Dynatec allow for a simple and hassle-free setup of UFD Brand™ applicators and also provide a fast and easy way to adjust the height of the applicator to the substrate and the angle at which adhesive is applied.



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