

UFD[®] AutoElite[™] 2

PREMIUM, HIGH-PERFORMANCE NOZZLE TECHNOLOGY WITH IMPROVED SPRAYABILITY OF HIGHER VISCOSITY ADHESIVES AND EXCELLENT PATTERN CONSISTENCY, OPTIMIZED FOR AUTOMOTIVE DECOR AND PROFILE LAMINATIONS USING PUR ADHESIVES.

PERFORMANCE

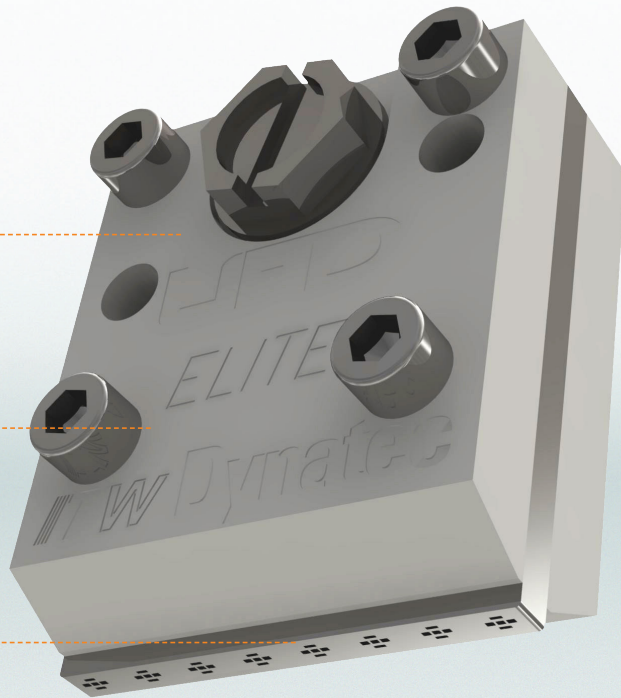
Perfect adhesive distribution within the nozzle resulting in less plugging and increased nozzle lifetime.

QUALITY

Homogenous spray pattern with good start and stop performance and perfect edge definition eliminating read-through effects.

EFFICIENCY

Robust nozzle design with total flat orifices allowing simplified cleaning, reduced maintenance and improved line efficiency.

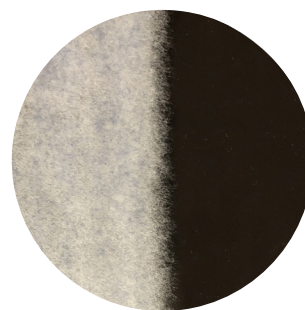


UFD® AUTOELITE™

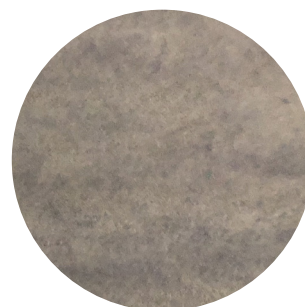
ITW Dynatec's UFD® AutoElite™ nozzle series is optimized for high-flow PUR spray application inside the automotive décor lamination. Available in single or dual row design AutoElite shows a perfect homogenous and dense spray pattern with distinct start and stop performance and good side edge definition. Its total flat orifice design and not protruding clamping plates allow easy cleaning and prevent plugging, resulting in increased on-time and improved nozzle lifetime. The homogenous distribution across the nozzle ensures a high fluid velocity and optimizes the adhesive flow for a wide range of higher viscosity adhesives such as polyolefins, APAOs and reactive hot melts (PUR).

FEATURES

- Adhesive flow optimization with Computational Fluid Dynamics (CFD) modeling
- Optimized spray pattern for automotive décor lamination
- Eliminating read-through effects
- Better consistency and high-quality of end-product
- Robust internal plate design to better withstand handling and maintenance
- Easy cleaning due to a total flat orifice design
- Increased line on-time when using PUR adhesives due to reduced nozzle plugging



Excellent side edge definition



Perfect homogenous and dense spray pattern

TECHNICAL DATA

Active Fluid Streams	2 to 8
Fluid Orifice Size	.016" x .012" (0.4 x 0.3mm)
Production Speed Capability	Continuous or Intermittent Automotive typically max. 20 m/min
Coating Width (per nozzle)	Full pattern: 25 mm 1/2 pattern: 13 mm 1/4 pattern: 6.5 mm
Nozzle to Substrate Distance	40 - 100 mm
Adhesive Viscosity	Up to 30.000 cps

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