

Tuesday, May 1, 2018

PRODUCT BULLETIN

UFD Omega Spray Nozzle to ELITE Spray Nozzle Transition

ITW Dynatec continues to evolve its product offerings to provide the best products that meet evolving customer needs. As such, Dynatec will be phasing out the legacy UFD Omega spray nozzles in the 16x16 (0.016-inch orifice width and depth) or larger size and replacing with existing ELITE spray nozzles. This change will be effective 1st July 2018. This transition from UFD Omega to ELITE has been occurring gradually over the last few years and many customers have already made the switch. To make for an easier transition, the majority of corresponding ELITE part numbers have been created.

Background:

ITW Dynatec launched ELITE nozzles in January 2015 to replace a sub-set of UFD Omega spray nozzles which were over 20 years old and becoming losing market relevance. Through rigorous lab testing and in-production use over the last few years, ELITE nozzles have been shown to deliver equivalent performance to the UFD Omega as well as additional advantages:

- 1) **Improved design simplicity:** ELITE has 5 plates vs. 11-13 plates which improves manufacturing, operational, and maintenance simplicity
- 2) **Improved durability:** The ELITE plates are thicker and offer **improved resistance to damage** during cleaning processes
- 3) **Improved Performance:**
 - a. With patented changes in the internal adhesive pathways, ELITE nozzles are **more resistant to clogging** which helps drive increased up-time
 - b. Flow changes in the air and adhesive passageways deliver **improved uniformity of adhesive lay down** across a nozzle/head.

What you need to know:

- Engineering design fees will be waived for any existing patterns switching from UFD Omega to ELITE
- 30th June 2018 is the last day POs for legacy UFD Omega will be accepted
- All POs received before 30th June 2018 will be fulfilled
- To support the transition, ELITE nozzles will continue to be proposed in lieu of UFD Omega nozzles
- ELITE nozzles of the same form factor can be installed with UFD Omega nozzles on the same applicator
- No additional hardware is needed
- If ELITE nozzles are installed on the same applicator as UFD Omega nozzles, then some pattern variation across the substrate may be noticed, however impact to performance will be minimal. These variations are normal and expected. Please refer to the Appendix for further performance validation.

Please reach out to ITW Dynatec Customer Service with any questions. Thank you for your continued partnership.

Best Regards,
ITW DYNATEC