

# Highly Engineered & Enhanced Dispensing Products from Epoxy Technology

**UPDATE**



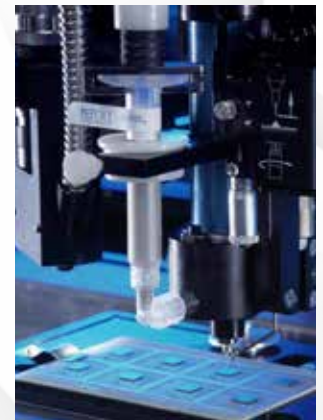
Dispensed droplets with  
~190µm drop diameter

## Processing Breakthrough

Epoxy Technology has developed a significantly improved engineering manufacturing process method, designed for increased reliability for high volume dispensing applications. With over 50 years of epoxy formulation and handling experience, the EPO-TEK® team has technologically advanced a proprietary method to enhance the dispensability of our adhesives.

This is an improved manufacturing process, not a formulation change, allowing optimal dispensing using various types of dispensing equipment, including jetting. With this improvement, all products enhanced by this new method will have the added designation/listing of “-D” products, to signify their unique dispensing advantages.

Leading the way, using this engineering improvement in manufacturing, is a line of products that encompass most manufacturing adhesive needs in multiple high tech industries.



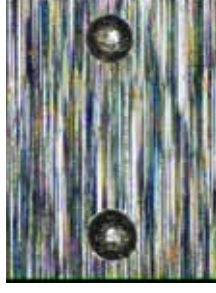
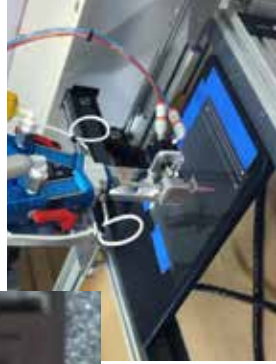
Dispensing EPO-TEK® adhesive  
in a production setting

For **critical applications** where both uniform size and extremely accurate printing are needed, our highly engineered for enhanced dispensing products are :  
**EPO-TEK® H20E-D, H20S-D, H20E-PFC-D and EK1000-1-D.**

**EPOXY**  
\* TECHNOLOGY



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These products will only be available in pre-mixed and frozen syringes (PMFs). This is to ensure they are prepared with our state-of-the-art packaging process for optimal handling.

This combination should assure your complete satisfaction with the best manufactured and packaged adhesive available from EPO-TEK®.

Product	Viscosity (cP-s)	TI	Minimum Cure Time	Pot Life	Tg (°C)	VR (ohm-cm)	Particle Size (µm)	Features
H20E-D	1,400-1,900 @100 rpm	4.8	100°C/2hrs 120°C/15min 150°C/5min 175°C/45sec	3 days	≥80	0.0004	≤45	>49,000 10mil dots of H20E-D continuously dispensed with <10 skips
H20S-D	800-2,400 @100 rpm	4.8	100°C/2hrs 120°C/15min 150°C/5min 175°C/45sec	2-3 days	70	0.00014	≤20	10,000 10mil dots of H20S-D continuously dispensed, with no clogs or skips
H20E-PFC-D	5,280 @50 rpm	5.4	80°C/3hrs 120°C/15min 150°C/5min 175°C/45sec	3 days	84	0.00008	≤20	H20E-PFC-D designed for jetting applications, with no clogs or skips
EK1000-1-D	2,400 @100 rpm	4.8	150°C/1hr 200°C/30min	2 weeks	70	<0.00003	≤45	15mil dots of EK1000-1-D continuously dispensed through a 27GA needle, no clogs or skips

**Our Adhesive Experts are readily available for technical discussions and will assist in finding the best adhesive solution. Contact them at: +1.978.667.3805 & techserv@epotek.com, for recommendations.**



DISCLAIMER: Data presented is provided only to be used as a guide. Properties listed are typical, average values, based on tests believed to be accurate. It is recommended that users perform a thorough evaluation for any application based on their specific requirements. Epoxy Technology makes no warranties (expressed or implied) and assumes no responsibility in connection with the use or inability to use these products. Please refer to the product data sheets and safety data sheets (SDS) for more detailed information.

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