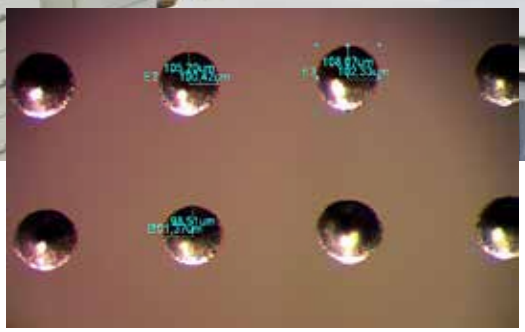
Highly Engineered & Enhanced Dispensing Products from Epoxy Technology

UPDATE



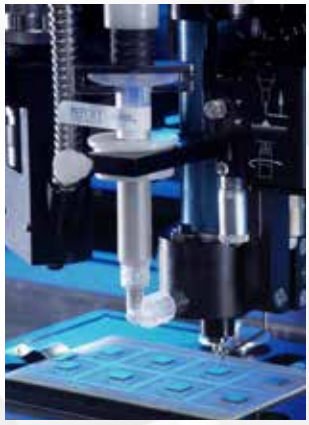
Dispensed droplets with ~190µm drop diameter

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.

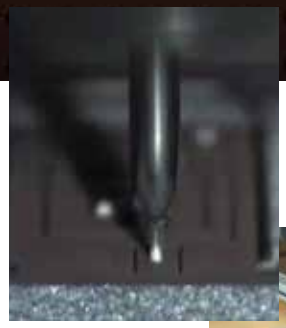


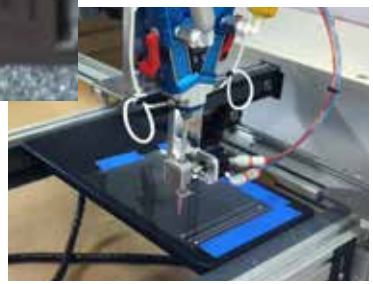
Dispensing EPO-TEK® adhesive in a production setting

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

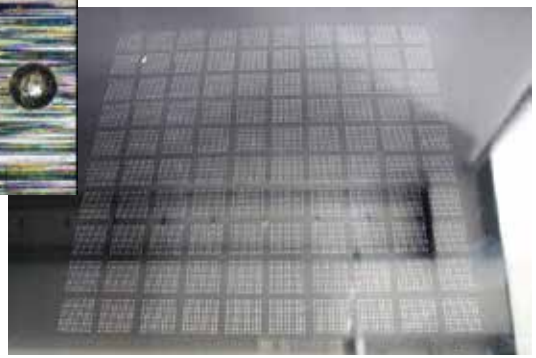
epotek.com





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 (cPs)	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.

EPOXY TECHNOLOGY

Epoxy Technology Inc. • 14 Fortune Drive • Billerica, MA 01821 phone 978-667-3805 fax 978-663-9782 techserv@epotek.com