

# EPO-TEK® Selector Guide

- \* **Electrically & Thermally Conductive**
- \* **Thermally Conductive/Electrically Insulating**
- \* **Optical/Fiber Optic**



# !EPOXY \* TECHNOLOGY

*Innovative Epoxy Adhesive Solutions for Over 45 Years*



# EPO-TEK® Electrically & Thermally Conductive Selector Guide

EPO-TEK	NO. OF COMPONENTS	CURE TEMPERATURE (minimal)	VISCOSITY @ 23°C (cPs)	GLASS TRANSITION TEMPERATURE (T <sub>g</sub> )	DIE SHEAR STRENGTH @ RT (80 mil X 80 mil)	VOLUME RESISTIVITY (ohm-cm)	THERMAL CONDUCTIVITY (W/m <sup>2</sup> K)	MAX. OPER. TEMPERATURE CONTINUOUS	TGA DEGRADATION TEMPERATURE	CTE Below T <sub>g</sub> / Above T <sub>g</sub> (in/in/°C)	POT LIFE (@ room temp)	SHELF LIFE (@ room temp) or ** @-40°C
<b>E2101</b>	Two	175°C – 15 min 150°C – 1 hour	@ 20 rpm 15,000 – 18,000	≥90°C	≥5kg / 1,700psi	≤0.0005	2.50	200°C	455°C	56 x 10 <sup>-6</sup> / 131 x 10 <sup>-6</sup>	5 days	1 year
<b>E3001-HV</b>	Single	180°C – 2 min 150°C – 15 min	@ 20 rpm 11,000 – 14,000	≥100°C	≥10kg / 3,400psi	≤0.0005	1.09	200°C	435°C	24 x 10 <sup>-6</sup> / 77 x 10 <sup>-6</sup>	24 hours	1 year**
<b>E3082</b>	Single	200°C – 1 min 150°C – 30 min	@ 50 rpm 4,000 – 6,500	≥90°C	≥5kg / 1,700psi	≤0.0001	2.80	200°C	361°C	40 x 10 <sup>-6</sup> / 174 x 10 <sup>-6</sup>	15 hours	1 year**
<b>E4110</b>	Two	150°C – 15 min 80°C – 3 hours	@ 100 rpm 800 – 1,600	≥40°C	≥5kg / 1,700psi	≤0.0005	1.37	150°C	380°C	48 x 10 <sup>-6</sup> / 150 x 10 <sup>-6</sup>	4 hours	1 year
<b>ED1003</b>	Single	150°C – 1 hour	@ 100 rpm 2,300 – 4,300	169°C	8kg / 2,720psi	≤0.0001	8.46	150°C	326°C	41 x 10 <sup>-6</sup> / N/A	28 days	1 year**
<b>ED1021</b>	Single	150°C – 30 min 125°C – 1 hour	@ 10 rpm 8,782	48°C	12.4kg / 4,216psi	≤0.0002	3.30	200°C	403°C	52 x 10 <sup>-6</sup> / 184 x 10 <sup>-6</sup>	3 months	1 year**
<b>EJ2189</b>	Two	150°C – 15 min 23°C – 3 days	@ 1 rpm 55,000 – 90,000	≥30°C	≥9kg / 3,060psi	≤0.009	1.38	160°C	316°C	53 x 10 <sup>-6</sup> / 107 x 10 <sup>-6</sup>	4 hours	1 year
<b>EJ2189-LV</b>	Two	150°C – 15 min 23°C – 3 days	@ 1 rpm 39,352	41°C	11kg / 3,900psi	0.002	2.00	150°C	340°C	79 x 10 <sup>-6</sup> / 215 x 10 <sup>-6</sup>	4 hours	1 year
<b>* EK1000</b>	Single	200°C – 30 min	@ 100 rpm 1,800 – 3,600	>80°C	>10kg / 3,400psi	<0.00009	12.60	200°C	357°C	38 x 10 <sup>-6</sup> / 94 x 10 <sup>-6</sup>	2 weeks	1 year**
<b>EM127</b>	Single	160°C – 30 min 150°C – 1 hour	@ 100 rpm 2,500 – 3,300	≥65°C	≥10kg / 3,400psi	≤0.0009	1.20	200°C	380°C	28 x 10 <sup>-6</sup> / 117 x 10 <sup>-6</sup>	28 days	1 year**
<b>*‡ H20E</b>	Two	175°C – 45 sec 80°C – 3 hours	@ 100 rpm 2,200 – 3,200	≥80°C	>5kg / 1,700psi	≤0.0004	2.50	200°C	425°C	31 x 10 <sup>-6</sup> / 158 x 10 <sup>-6</sup>	2.5 days	1 year
<b>H20E-PFC</b>	Two	175°C – 45 sec 80°C – 3 hours	@ 100 rpm 3,000 – 4,000	≥80°C	≥5kg / 1,700psi	≤0.0004	3.20	225°C	407°C	21 x 10 <sup>-6</sup> / 94 x 10 <sup>-6</sup>	3 days	1 year
<b>‡ H20S</b>	Two	175°C – 45 sec 80°C – 90 min	@ 100 rpm 1,800 – 2,800	≥80°C	≥5kg / 1,700psi	≤0.0005	3.25	200°C	414°C	31 x 10 <sup>-6</sup> / 120 x 10 <sup>-6</sup>	3 days	1 year
<b>H31</b>	Single	150°C – 1 hour	@ 5 rpm 15,000 – 25,000	≥110°C	≥5kg / 1,700psi	≤0.0005	1.10	200°C	370°C	48 x 10 <sup>-6</sup> / 201 x 10 <sup>-6</sup>	28 days	3 months
<b>† H35-175MP</b>	Single	180°C – 1 hour 165°C – 1.5 hours	@ 10 rpm 22,000 – 28,000	≥100°C	≥10kg / 3,400psi	≤0.0005	1.46	200°C	372°C	31 x 10 <sup>-6</sup> / 97 x 10 <sup>-6</sup>	28 days	1 year**
<b>† H37-MP</b>	Single	150°C – 1 hour	@ 10 rpm 22,000 – 26,000	≥90°C	≥10kg / 3,400psi	≤0.0005	1.59	200°C	358°C	52 x 10 <sup>-6</sup> / 148 x 10 <sup>-6</sup>	28 days	1 year**

\* **H20E** also available in “MP” grade (**H20E-MP**), certified to MIL-STD 883/5011

‡ **H20E** also available in “D” grade (**H20E-D**) for added ease of dispensing

\* **EK1000** also available in “MP” grade (**EK1000-MP**), certified to MIL-STD 883/5011

‡ **H20S** also available in “D” grade (**H20S-D**) for added ease of dispensing

**Note:** 23°C denotes RT cure  
† MIL-STD 883/5011 certified  
\*\* @-40°C

# EPO-TEK® Recommended Applications Chart

## Electrically & Thermally Conductive

### Epoxy Adhesives

Epoxy Technology offers a full range of electrically and thermally conductive epoxy adhesives for the semiconductor, optoelectronic, automotive, aerospace and electronic assembly industries. Our extensive product line allows users to easily select the optimal adhesive for their specific application; based on the best combination of physical, electrical and mechanical characteristics.

EPO-TEK electrically conductive epoxies have been used successfully for over 35 years in a wide variety of applications including: IC packaging, hybrid microelectronics and circuit assembly as well as today in solar cell assembly, LEDs and high power management.

#### Representative examples from our extensive offering:

- **EPO-TEK H20E** – a “standard in the industry”, two component ECA with low outgassing, long pot life, fast curing that is suitable for automatic dispensing with proven long-term reliability (85°C/85% RH for 1000 hours).
- **EPO-TEK EK1000** – a new generation, single component ECA with exceptional thermal conductivity for high power applications with a thermal conductivity value ranging from 12.6 to 22.0 W/m°K.
- **EPO-TEK EJ2189** – a new generation, two component ECA designed for low temperature curing from 23°C (ambient) to 80°C that exhibits superior adhesion to a wide variety of substrates including most metals, ceramics, glass and plastics.

EPO-TEK Applications	E2101	E3001-HV	E3082	E4110	ED1003	ED1021	EJ2189	EJ2189-LV	EK1000	EM127	H20E	H20E- PFC	H20S	H31	H35-175MP	H37-MP
MCM/Hybrid Die Attach	*		*		*	*	*	*	*		*	*	*	*	*	*
Semiconductor Die Attach	*	*	*		*	*	*		*	*	*	*	*			*
Microwave	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Quartz Crystal Attach											*		*	*	*	
Polymer Flip Chip	*										*	*	*			
Solder Replacement	*			*			*	*			*	*	*		*	*
High Temperature	*		*		*										*	*
MIL-STD 883/5011									*		*				*	*
LED Attach	*	*			*	*			*	*	*		*	*		
LCD Interconnect	*			*			*	*			*		*			
Substrate Attach			*	*	*	*	*	*	*		*		*	*	*	*
NASA Approved	*										*	*			*	*
Low Stress	*		*	*		*	*	*	*		*	*				*
Medical - USP Class VI											*					
Photonics Devices		*		*	*	*	*		*	*	*	*	*	*		*



[www.EPOTEK.com](http://www.EPOTEK.com)

# EPO-TEK® Thermally Conductive/Electrically Insulating Selector Guide

EPO-TEK	NO. OF COMPONENTS	CURE TEMPERATURE (minimal)	VISCOSITY @ 23°C (cPs)	GLASS TRANSITION TEMPERATURE (T <sub>g</sub> )	DIE SHEAR STRENGTH @ RT (80 mil X 80 mil)	THERMAL CONDUCTIVITY (W/m <sup>2</sup> K)	MAX. OPER. TEMPERATURE CONTINUOUS	TGA DEGRADATION TEMPERATURE	CTE Below T <sub>g</sub> / Above T <sub>g</sub> (in/in/°C)	POT LIFE (@ room temp)	SHELF LIFE (@ room temp) or ** @-40°C
920-FL	Two	150°C – 5 min 100°C – 20 min	@ 20 rpm 8,000 – 12,000	≥90°C	≥20kg / 6,800psi	0.89	200°C	362°C	21 x 10 <sup>-6</sup> / 97 x 10 <sup>-6</sup>	7 hours	1 year
930-4	Two	150°C – 10 min 80°C – 6 hours	@ 20 rpm 12,000 – 17,000	≥90°C	≥15kg / 5,100psi	1.67	200°C	425°C	27 x 10 <sup>-6</sup> / 136 x 10 <sup>-6</sup>	1 day	1 year
+ H65-175MP	Single	180°C – 1 hour	@ 2.5 rpm 80,000 – 120,000	≥100°C	≥20kg / 6,800psi	0.79	200°C	397°C	38 x 10 <sup>-6</sup> / 136 x 10 <sup>-6</sup>	28 days	1 year**
+ H67-MP	Single	150°C – 1 hour	@ 1 rpm 300,000 – 400,000	≥90°C	≥10kg / 3,400psi	0.45	200°C	350°C	16 x 10 <sup>-6</sup> / 68 x 10 <sup>-6</sup>	28 days	1 year**
H70E	Two	175°C – 1 min 80°C – 90 min	@ 50 rpm 4,000 – 7,000	≥80°C	≥10kg / 3,400psi	0.90	200°C	451°C	15 x 10 <sup>-6</sup> / 64 x 10 <sup>-6</sup>	56 hours	1 year
H70E-2	Two	175°C – 1 min 80°C – 90 min	@ 20 rpm 9,000 – 15,000	≥80°C	≥5kg / 1,700psi	1.00	200°C	447°C	20 x 10 <sup>-6</sup> / 112 x 10 <sup>-6</sup>	2 days	1 year
H74	Two	150°C – 5 min 100°C – 20 min	@ 5 rpm 5,000 – 65,000	≥100°C	≥15kg / 5,100psi	1.25	250°C	425°C	21 x 10 <sup>-6</sup> / 95 x 10 <sup>-6</sup>	2 hours	1 year
H77	Two	150°C – 1 hour	@ 20 rpm 6,000 – 12,000	≥80°C	≥5kg / 1,700psi	0.66	250°C	405°C	33 x 10 <sup>-6</sup> / 130 x 10 <sup>-6</sup>	6 hours	1 year
T7109	Two	150°C – 10 min 80°C – 8 hours	@ 20 rpm 14,000 – 20,000	≥45°C	≥15kg / 5,100psi	0.70	200°C	377°C	46 x 10 <sup>-6</sup> / 239 x 10 <sup>-6</sup>	4 hours	1 year
T7109-19	Two	80°C – 2 hours 23°C – 2 days	@ 5 rpm 40,000 – 70,000	<40°C	5kg / 1,700 psi	1.30	150°C	338°C	59 x 10 <sup>-6</sup> / 216 x 10 <sup>-6</sup>	2 hours	1 year
T7110	Two	80°C – 2 hours 23°C – 3 days	@ 100 rpm 1,400 – 2,200	≥40°C	≥10kg / 3,400psi	1.00	150°C	314°C	31 x 10 <sup>-6</sup> / 142 x 10 <sup>-6</sup>	3.5 hours	1 year
T905BN-3	Two	80°C – 2 hours	@ 50 rpm 2,000 – 7,000	≥40°C	≥10kg / 3,400psi	2.02	200°C	347°C	37 x 10 <sup>-6</sup> / 151 x 10 <sup>-6</sup>	3 hours	1 year
TD1001	Single	125°C – 1 hour	@ 5 rpm 10,000 – 22,000	≥40°C	≥15kg / 5,100psi	0.77	225°C	436°C	57 x 10 <sup>-6</sup> / 213 x 10 <sup>-6</sup>	28 days	1 year**
TJ1104-LH	Single	200°C – 5 min 140°C – 40 min	@ 1 rpm 77,414	117°C	36kg / 12,800psi	0.48	225°C	393°C	42 x 10 <sup>-6</sup> / 130 x 10 <sup>-6</sup>	>7 days	1 year**
TV2001	Two	160°C – 5 min 80°C – 90 min	@ 20 rpm 10,000 – 20,000	≥35°C	≥15kg / 5,100psi	0.40	225°C	466°C	67 x 10 <sup>-6</sup> / 189 x 10 <sup>-6</sup>	2 days	1 year
TZ101	Single	150°C – 1 hour	@ 10 rpm 24,000 – 30,000	≥40°C	≥10kg / 3,400psi	0.93	175°C	355°C	32 x 10 <sup>-6</sup> / 173 x 10 <sup>-6</sup>	28 days	1 year**

Note: 23°C denotes RT cure  
 † MIL-STD 883/5011 certified  
 \*\* @-40°C

# EPO-TEK® Recommended Applications Chart

## Thermally Conductive / Electrically Insulating

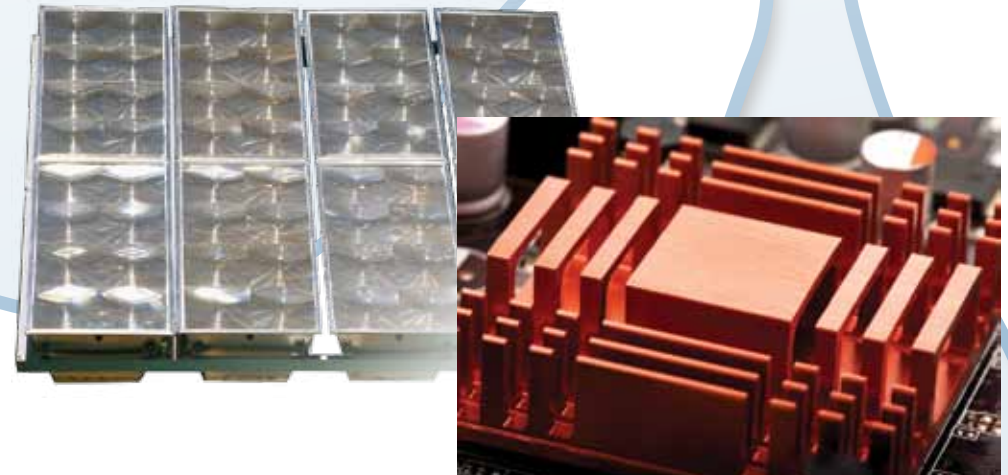
### Epoxy Adhesives

Epoxy Technology's thermally conductive line of epoxies are used extensively in many high-tech electronic applications. EPO-TEK products are unparalleled in their performance in effectively removing heat, providing increased dielectric strength and protecting circuits from hostile environments. Our epoxy adhesive properties can range from rigid (providing robust, thermally enhanced circuit protection) to flexible (ideal for substrates with significant CTE mismatches).

#### Representative examples from our extensive offering:

- **EPO-TEK H65-175MP** and **EPO-TEK H70E** are the most common for bonding IC's in semiconductor or hybrid microelectronic packaging.
- **EPO-TEK 930-4** has been very useful in heat sinking power devices such as AC-DC convertor modules.
- **EPO-TEK T7109** is ideal for removing heat from high power LEDs and laser diodes (**EPO-TEK T7109-19** is an even more compliant version designed for large area bonding).
- **EPO-TEK TJ1104-LH** is a black, single component, low halogen die attach adhesive with extended pot life; exceptional die shear strength (36kg/12,800psi), ideal for LCP to LCP lid attach applications.
- **EPO-TEK TD1001** is a single component, very long pot life, stress relieving, thermal management material with outstanding mechanical properties. Commonly used in ferrite core bonding applications where low stress is critical.

EPO-TEK Applications	920-FL	930-4	H65-175MP	H67-MP	H70E	H70E-2	H74	H77	T7109	T7109-19	T7110	T905BN-3	TD1001	TJ1104-LH	TV2001	TZ101
Substrate Attach	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*
Lid Attach			*	*			*	*								
Heat Sinking Adhesive	*	*	*	*	*		*	*	*	*	*	*	*		*	*
Die Attach Hybrid/MCM		*	*	*	*				*	*			*	*	*	*
Chip Encapsulant						*				*	*				*	*
MIL-STD 883/5011 Compliant			*	*												
Die Attach Semiconductor		*	*	*	*				*	*			*	*	*	*
Aerospace Environments/ NASA Approved			*	*	*		*	*	*							
High Temp. Applications	*	*	*	*			*	*	*				*	*	*	*
Cryogenic Applications									*	*	*	*				*
SMD Attach		*	*	*	*	*	*	*	*	*		*	*	*	*	*
Potting and Cavity Filling	*						*	*		*	*	*	*		*	



# EPO-TEK® Optical/Fiber Optic Selector Guide

EPO-TEK	NO. OF COMPONENTS	COLOR Before/After CURE (thin film)	CURE TEMPERATURE (minimal)	VISCOSITY @ 23°C (cPs)	GLASS TRANSITION TEMPERATURE (T <sub>g</sub> )	LAP SHEAR STRENGTH (PSI)	INDEX OF REFRACTION (N <sub>d</sub> )	SPECTRAL TRANSMISSION	TGA DEGRADATION TEMPERATURE	CTE Below T <sub>g</sub> / Above T <sub>g</sub> (in/in/°C)	POT LIFE (@ room temp)	SHELF LIFE (@ room temp)
301	Two	Clear / Colorless	65°C - 1 hour 23°C - 24 hours	@ 100 rpm 100 - 200	≥65°C	>2,000	1.5190	>98% @ 400 - 700nm >97% @ 700 - 2500nm	430°C	39 x 10 <sup>-6</sup> / 98 x 10 <sup>-6</sup>	1-2 hours	1 year
301-2	Two	Clear / Colorless	80°C - 3 hours 23°C - 2 days	@ 100 rpm 225 - 425	≥80°C	>2,000	1.5318	>99% @ 400 - 1200nm >98% @ 1200 - 1600nm	360°C	61 x 10 <sup>-6</sup> / 180 x 10 <sup>-6</sup>	8 hours	1 year
301-2FL	Two	Clear / Colorless	80°C - 3 hours 23°C - 3 days	@ 100 rpm 100 - 200	≥45°C	>2,000	1.5115	>99% @ 400 - 1000nm >97% @ 1000 - 1600nm	325°C	56 x 10 <sup>-6</sup> / 211 x 10 <sup>-6</sup>	10 hours	1 year
302	Two	Clear / Light Yellow	23°C - 2 hours	@ 20 rpm 5,000 - 10,000	≥40°C	1,756	1.5442	>85% @ 440 - 900nm >88% @ 900 - 1600nm	261°C	52 x 10 <sup>-6</sup> / 191 x 10 <sup>-6</sup>	10 min	10 mo.
302-3M	Two	Clear / Slight Yellow	65°C - 3 hours 23°C - 24 hours	@ 100 rpm 800 - 1,600	≥55°C	>2,000	1.5446	>95% @ 460 - 1620nm	351°C	56 x 10 <sup>-6</sup> / 193 x 10 <sup>-6</sup>	1 hour	1 year
305	Two	Clear / Colorless	65°C - 1 hour 23°C - 24 hours	@ 100 rpm 150 - 250	≥35°C	1,880	1.4763	>91% @ 250nm >98% @ 400 - 1600nm	270°C	31 x 10 <sup>-6</sup> / 148 x 10 <sup>-6</sup>	1 hour	1 year
310M-2	Two	Clear / Colorless	65°C - 2 hours 23°C - 24 hours	@ 100 rpm 250 - 325	<30°C	678	1.4947	>98% @ 380 - 1660nm	331°C	67 x 10 <sup>-6</sup> / 201 x 10 <sup>-6</sup>	1.5 hours	1 year
320	Two	Black / Black	65°C - 2 hours 23°C - 24 hours	@ 100 rpm 700 - 1,200	≥55°C	>2,000	N/A	<1% @ 300 - 2500nm	384°C	29 x 10 <sup>-6</sup> / 100 x 10 <sup>-6</sup>	1 hour	1 year
323LP	Two	Slight Yellow / Red	90°C - 30 min	@ 50 rpm 3,500 - 5,500	>100°C	>2,000	1.5703	>90% @ 640 - 800nm >94% @ 820 - 1620nm	413°C	31 x 10 <sup>-6</sup> / 132 x 10 <sup>-6</sup>	24 hours	1 year
353ND	Two	Amber / Dark Red	150°C - 1 min 80°C - 30 min	@ 50 rpm 3,000 - 5,000	≥90°C	>2,000	1.5694	>98% @ 800 - 1000nm >95% @ 1100 - 1600nm	412°C	54 x 10 <sup>-6</sup> / 206 x 10 <sup>-6</sup>	≤3 hours	1 year
353ND-T	Two	Tan / Dark Red	150°C - 1 min 80°C - 30 min	@ 20 rpm 9,000 - 15,000	≥90°C	1,953	N/A	N/A	409°C	43 x 10 <sup>-6</sup> / 231 x 10 <sup>-6</sup>	3 hours	1 year
354	Two	Amber / Dark Red	150°C - 10 min 80°C - 2 hours	@ 50 rpm 4,000 - 6,000	≥95°C	1,668	1.5734	>96% @ 600nm >99% @ 800nm	487°C	96 x 10 <sup>-6</sup> / 175 x 10 <sup>-6</sup>	3 days	1 year
360	Two	Light Yellow / Dark Amber	150°C - 1 min 100°C - 10 min	@ 100 rpm 350 - 550	≥90°C	>2,000	1.5345	>97% @ 700 - 1600nm >88% @ 600nm	375°C	39 x 10 <sup>-6</sup> / 175 x 10 <sup>-6</sup>	6 hours	1 year
377	Two	Amber / Dark Amber	150°C - 1 hour	@ 100 rpm 150 - 300	≥95°C	1,456	1.5195	>99% @ 600nm >95% @ 1000 - 1500nm	375°C	57 x 10 <sup>-6</sup> / 210 x 10 <sup>-6</sup>	24 hours	1 year
383ND	Two	Amber / Dark Red	90°C - 30 min	@ 50 rpm 3,500 - 6,000	>100°C	>2,000	1.5715	>90% @ 520 - 1600nm	415°C	34 x 10 <sup>-6</sup> / 129 x 10 <sup>-6</sup>	8 hours	1 year
OD2002	Two	Cloudy Amber / Dark Amber	150°C - 5 min 100°C - 30 min	@ 2.5 rpm 24,000 - 42,000	>140°C	1,570	1.5728	>98% @ 800 - 1640nm 69% @ 600nm	443°C	45 x 10 <sup>-6</sup> / 187 x 10 <sup>-6</sup>	4 hours	1 year
OM125	Two	Blue / Blue	80°C - 1 hour 23°C - 24 hours	@ 50 rpm 2,400 - 5,400	≥80°C	808	N/A	97% @ 800nm >96% @ 1500nm	367°C	28 x 10 <sup>-6</sup> / 114 x 10 <sup>-6</sup>	<1 hour	1 year

Note: 23°C denotes RT cure

# EPO-TEK<sup>®</sup> Recommended Applications Chart

## Optical/Fiber Optic

### Epoxy Adhesives

Epoxy Technology's optical line of adhesives is used for bonding and protective coatings in various fiber optic applications. Our epoxy adhesives are frequently used to bundle optical fibers and bond components in optoelectronic devices such as: telecommunication networks, aircraft, satellites as well as medical and scientific instruments.

#### Representative examples from our extensive offering:

- **EPO-TEK 353ND**, a well-known “standard in the industry” and **EPO-TEK 383ND**, an 8-hour pot life version, are commonly used in fiber connections for coating over stripped fibers or for ferrule potting.
- **EPO-TEK 301** and **EPO-TEK 301-2** are two component, clear and colorless, room temperature curing epoxies for sensor applications in IR and medical CT detectors. Both are USP Class VI approved.
- **EPO-TEK 310M-2** is a two component, room temperature curing, highly flexible epoxy for bonding stress sensitive components. USP Class VI approved.
- **EPO-TEK OD2002** is a two component, high T<sub>g</sub> epoxy with low modulus and good toughness. It is autoclavable and exhibits low stress on large core glass fibers in connectors.



EPO-TEK Applications	301	301-2	301-2FL	302	302-3M	305	310M-2	320	323LP	353ND	353ND-T	354	360	377	383ND	OD2002	OM125
Bond 125µ glass fiber to fiber optic connector	*	*	*	*	*	*			*	*	*	*	*	*	*	*	*
Bond fiber optic cable jacket to non-crimp type fiber connect	*	*	*	*	*	*				*		*	*				
Glass fiber potting with good visual indication of wicking									*	*		*	*	*	*		*
Plastic & glass fiber potting or lens & prism bonding	*	*	*		*	*	*			*		*	*				
Coating/potting & bonding optically opaque components								*									
Casting or potting optically clear LED & components	*	*	*	*	*	*	*										
Excellent spectral transmission in thin bond lines & visible light	*	*	*	*	*	*	*										
Fast, room temperature curing	*			*	*	*		*									*
High temperature requirements									*	*	*	*	*	*	*	*	
UV transmission						*											
Autoclavable					*				*	*	*	*	*	*	*	*	*
Medical – USP Class VI	*	*	*		*		*	*		*		*		*			
Potting I.R. Detectors	*	*	*		*			*						*			
Flexible: Coating or bonding stress sensitive components		*	*			*	*										
Optical Replication	*	*	*														
Fiber Optic bundling in ferrules	*	*	*		*				*	*		*	*	*	*		
Low stress on large core glass fibers in connectors	*	*	*		*	*										*	*
Glob Top / Opto-Coupler	*	*	*		*		*										
X-Ray Detection	*	*	*				*										
Fiber Optic V-Groove									*	*		*	*	*	*		
Wafer Level - CMOS Camera Optics									*	*		*			*		
TO-Can Window Sealing					*		*			*		*					
Fiber Optic Gyros / PM Fiber	*	*	*							*			*				

## About Us

Since 1966, Epoxy Technology Inc. (EPO-TEK®) has manufactured high quality specialty adhesives for advanced industries worldwide.

All Epoxy Technology products are tested thoroughly and consistently in our state-of-the-art laboratories to ensure product reliability. Epoxy Technology is very proud of its recognized quality program, including comprehensive ISO 9001 and MIL-STD 883/5011 certifications as well as RoHS Compliance and Green Partnership. As leaders in the industry, superior product quality, exceptional customer service and unsurpassed technical assistance are the foundation of our business.

EPO-TEK produces a full range of premium epoxy adhesives and coatings for several markets including:

- Semiconductor
- Aerospace
- Optoelectronic
- Photovoltaic
- Medical
- Military
- Automotive
- Electronics Assembly



**ISO 9001**

**MIL-STD 883/5011**

**RoHS**  
COMPLIANT  
2002/95/EC

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