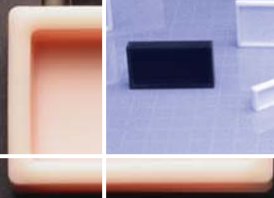
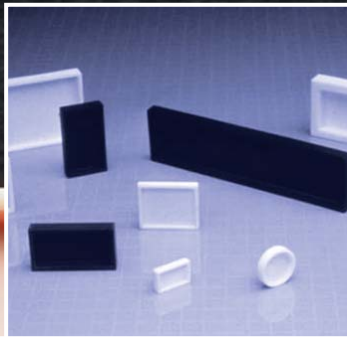
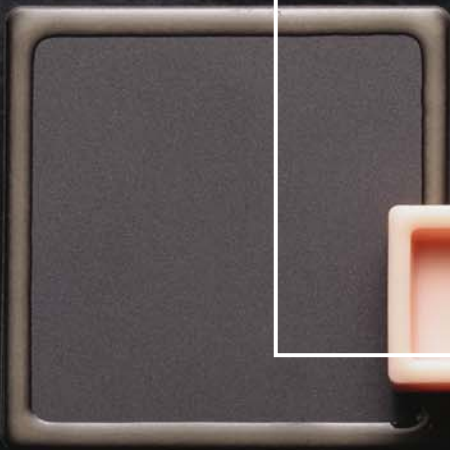
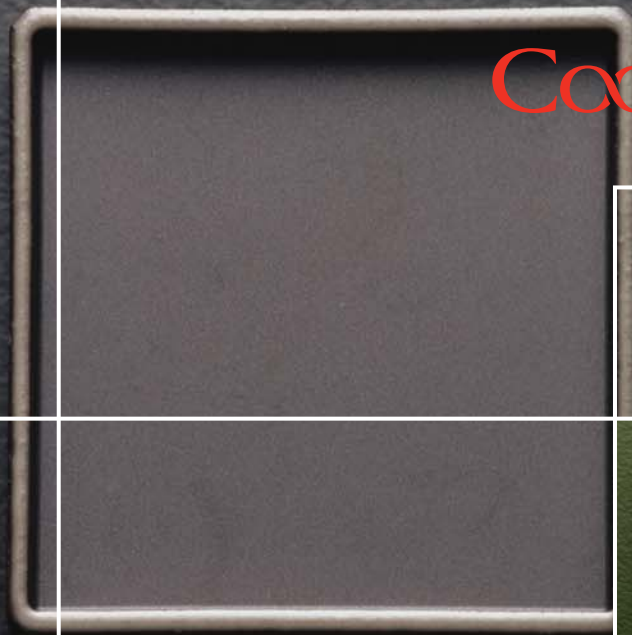


COORSTEK
Amazing Solutions.®



**EPOXY
ELECTRONIC**

**SEAL LIDS FOR
PACKAGES**

CERAMIC EPOXY SEAL LIDS FOR SUPERIOR, HIGH-PERFORMANCE ELECTRONIC PACKAGES

Superior-Grade Epoxy for High-Performance Components

Epoxy Seal 806 (ES-806) when combined with CoorsTek custom ceramic enclosures provide a high-strength, moisture-resistant seal for electronic and pressure sensitive devices. ES-806 displays excellent fillet formation characteristics and, after cure, is highly temperature and moisture resistant. Optimal properties are obtained with a cure cycle of two hours at 160° C.

Experienced Service and Technical Support

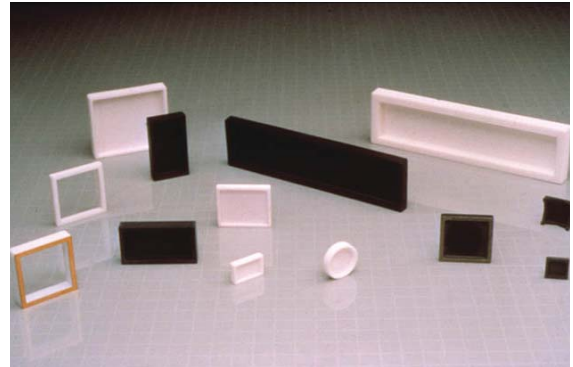
From engineering design and support, through ceramic fabrication and epoxy deposition, our vertically integrated manufacturing facilities are prepared to meet your cost and design requirements. The tack free, low-temperature-cure epoxy seal ring offers a more flexible and less expensive alternative to brazed, soldered, or glass-sealed lids.

Over 100 Years in Business

Trust CoorsTek, a proven leader in technical ceramics for over 100 years, to provide excellent product quality and value, outstanding customer service, engineering support, and timely product delivery. Put our experience and vast resources to test when your components are critical to your success.

The World's Largest Technical Ceramics Manufacturer

From over 40 manufacturing facilities around the globe, we solve technical challenges for virtually EVERY industry in the global economy. Let us help you!



Typical Material Characteristics

Characteristics	Conditions	Units	ES-806
Cure Cycle*	Air	°C X minutes	160 x 120 or 175 x 30
Color	—	—	White
Thermal Conductivity	—	W/M*K	0.44
Tensile Strength	-65 °C	psi	856,700
	25 °C	psi	634,500
	150 °C	psi	176,400
	250 °C	psi	10,100
Extractable Ionic Content	100 °C	Chloride (Cl-) ppm	<15
		Sodium (Na+) ppm	<10
		Potassium (K+) ppm	<10
Volume Resistivity	—	ohms-cm	0.43 x 10 ¹⁴
Dielectric Strength	—	volts / mil	728



For more information,
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+1.408.427.5854 or
epoxylids@coorstek.com

Engineering data is representative. Property values vary somewhat with method of manufacture, size, and shape of part. Any suggested applications are not made as a representation or warranty that the material will ultimately be suitable for such applications. The customer is ultimately responsible for all design and material suitability decisions. Data contained herein is not to be construed as absolute and does not constitute a representation or warranty for which CoorsTek assumes legal responsibility. Any warranty or representation for which CoorsTek is responsible shall be subject to a separately negotiated agreement.

*NOTE: The cure cycle may be adjusted to suit specific requirements. Please review with CoorsTek Engineering if alternate cure schedule is desired.

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