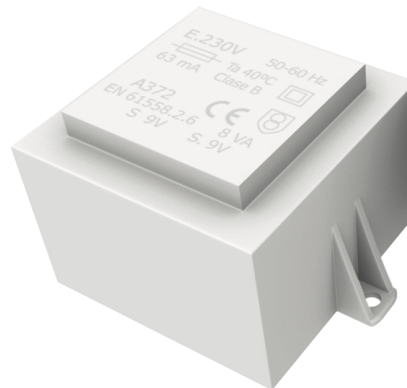
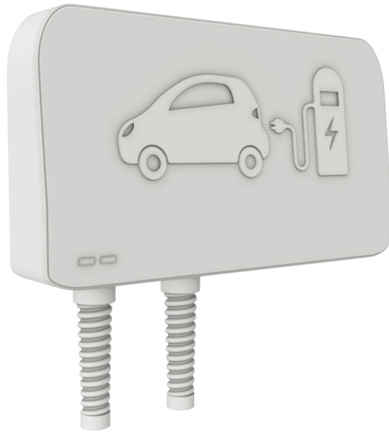


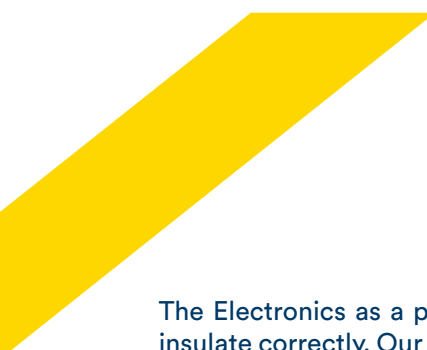


**ROYAL DIAMOND**  
*your insulation partner*

## Electronics



We design, formulate and costumize resins, varnishes and flexible laminates  
for Electronics



The Electronics as a part of electrical circuit is needed to encapsulate it to insulate correctly. Our wide range of Epoxy and Polyurethane Resins will help you to protect this kind of devices offering:

- Protection and encapsulating
- High level of thermal dissipation
- Adverse environment protection
- Excellent thermal conductivity

## Capacitor

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We have a wide range of Flexible Laminates to protect the coil outside part and Epoxy and Polyurethane Resins to insulate and protect against external factors like humidity, dust, vibrations, etc.

- High thermal conductivity
- Electrical insulation
- Adverse environment protection

## Driver Led

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Our flexible Polyurethane Resins range are excellent to protect against the possible vibrations inside the electronic device and adverse environment effects.

- Adverse environment protection
- Vibration protection
- Thermal conductivity required

## Electric Charger

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We are experts in design and formulation of flexible Polyurethane Resin with high Thermal Conductivity for these kind of devices.

- Dielectric protection
- Adverse environment protection
- High thermal conductivity

## Electronic Transformer

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In our Product portfolio you find adhesive insulation tape to protect the core and a wide range of Epoxy and Polyurethane Resins that allow you to encapsulate the electronic transformer perfectly.

- Dielectric protection
  - Adverse environment protection
- 

RESINS		Product	Chemical Nature	Thermal Class	Drying Method
	ENCAPSULATION AND FILLING	DIAPOL 507	POLYURETHANE	B (130°C)	AIR
		DIAPOL 508	POLYURETHANE	B (130°C)	AIR
		DIAPOL 509	POLYURETHANE	B (130°C)	AIR
		DIAPOL 509FG SELF-EXTINGUISHING(UL)	POLYURETHANE	B (130°C)	AIR
		DIAPOL 5174C	POLYURETHANE	B (130°C)	AIR
		ROYAPOX 5050CD	EPOXY	B/F (130/155°C)	AIR
		ROYAPOX 959 (UL)	EPOXY	B (130°C)	AIR

VARNISHES		Product	Chemical Nature	Thermal Class	Drying Method	Base
	IMPREGNATION	ROYALAC 30	ALKYDIC	B (130°C)	AIR	SOLVENT
		ROYALAC 129	URETHANIC	F (155°C)	AIR	SOLVENT
		ROYALAC 158/4	UREA / FORMALDEHYDE	F (155°C)	OVEN	SOLVENT
		ROYALAC 525MA	ALKYDIC/EPOXY	H (180°C)	OVEN	SOLVENT

FLEXIBLE LAMINATES		Product	Material	Thermal Class	Thickness
	NOT IMPREGNATED	POLYESTER FILM	POLYESTER	B (130°C)	From 0,023 to 0,35 mm
		TERCOTT K	KRAFT	B (130°C)	From 0,03 to 0,30 mm
		TERCOTT CF	PRESSPAN	B (130°C)	From 0,15 to 0,40 mm
		TERCOTT MTS (UL)	DMD	B/F (130/155°C)	From 0,08 to 0,45 mm
		THERNOMID AFA (UL)	ARAMIDE BASED	H (180°C)	From 0,14 to 0,47 mm



**ROYAL DIAMOND**  
*your insulation partner*

Our target is to be your best **partner** to create great projects together.

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[www.royal-insulation.com](http://www.royal-insulation.com)

## Our values:

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### Tradition

More than 50 years dedicated to electrical insulation for different sectors. A combination of values, experience and know-how make us your best partner for your electrical insulation needs.

### Customization

We understand electrical insulation like a system integrated of resins, varnishes and flexible laminates as individually designed for any sector and Client.

### Human Team

Our Team is made up of more than 50 people who transmit naturally the values of the company.

### Quality

The quality in our company and our products is a must and we work under ISO 9001:2015 certification.