

Elecolit® 3063 is a UV light and light curing 1 component anisotropic conductive adhesive with excellent adhesion on PET foils, capton, mylar and other substrates used in the production of flexible circuits.

The adhesive is administered with a dispenser. Extreme reliability due to the product's flexibility. Curing is carried out by pressure with a suitable UV beamer . We recommend the models UV-P 281 or UV-LED Power Pen.

**Shelf life:** 6 months at 5°C

## Technische Daten :

Color	brown
Resin	acrylat

## UNCURED PROPERTIES

Viscosity		thixotrop
Flash point [°C]	PE-Norm P050	> 93
Density [g/cm <sup>3</sup> ]	PE-Norm P051	approx. 1.1

## Curing

30 sec. @ UV-A 600mW/cm<sup>2</sup>  
60 sec @ LED 1000

## CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-50 to 150
Hardness Shore D	PE-Norm P052	30 to 40
Volume resistivity [Ohm x cm]	ASTM-D-257-93	1
Water Absorption [Gew-%]	PE-Norm P053	< 1
TG DSC [°C]	PE-Norm P009	> -45

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

Adhesives  
and more...

## Instructions for Use

### Surface Preparation

The surfaces to be bonded should be free of dust, oil, fat or any other dirt in order to optimise reproducible results. Lightly soiled surfaces can be cleaned with cleaner IP to create a suitable working surface.

### Application

Our products are delivered ready for use. As soon as you receive them, you can dispense or use them for screen printing processes. You should store the products at 5° C for longer shelf life time.

Before using acclimate the adhesive up to room temperature. Liquid Elecolit products have to be homogenised well before application. Paste-like products can be used directly.

1-C Products have no mixing ration and pot life time.

### Curing

For curing heat must be applied. The polyaddition starts at temperature over 100°C. Higher temperature will reduce the curing time. For detailed curing information, please look into the technical data sheet. Higher curing temperature will lead to better electrical conductivity and less volume resistivity.

If help is required, please contact our engineering department.  
Please read the corresponding **Safety Data Sheet** for this product.