



# LUX 3D GUIDE

3D PRINTING RESINS

**TPO  
FREE**



## TPO-FREE

- HIGH-RESOLUTION 3D DENTAL RESIN
- MAXIMUM BIOCOMPATIBILITY AND SAFETY



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ADVANCED DENTAL PRODUCTS

# LUX 3D GUIDE

## 3D PRINTING RESIN FOR PRINTING BIOCOMPATIBLE SURGICAL GUIDES. CLASS 1. 405/385 NM.

LUX 3D GUIDE is a light-curing resin designed for 3D printing of dental surgical guides.

Formulated exclusively with medical-grade raw materials, LUX 3D GUIDE ensures maximum biocompatibility and safety in clinical environments. It is CE-certified as a Class I medical device, confirming its suitability for medical applications.

Unlike many resins on the market, LUX 3D GUIDE is completely free of TPO – a photoinitiator commonly used in 3D printing resins but classified as potentially hazardous to health. Instead, alternative photoinitiators are used, offering the same performance with significantly lower toxicity for the user.

The absence of TPO, combined with the exclusive use of medically approved components, makes LUX 3D GUIDE a safe and responsible choice for dental labs and clinics seeking to reduce exposure to harmful substances without compromising material performance.

Once printed and properly post-cured, surgical guides made with LUX 3D GUIDE can be sterilized in an autoclave, thanks to the polymer's excellent heat resistance. This allows their direct use in surgical procedures, providing accuracy, reliability, and safety.

LUX 3D GUIDE stands out as a high-end resin offering professional-grade results with a strong focus on user and patient safety.

## TECHNICAL DATA

Flexural strengthn: 160 MPa

Hardness: 86 Shore D

Elastic modulus: 6500 MPa

## STORAGE

Store at a temperature between 15°C and 28°C.

The batch number and expiration date are marked on each container.

Close the jar immediately after each application.

The material cures when exposed to light.

Do not use the product after the expiration date has passed.

## RELATED PRODUCTS

### PHROZEN SONIC XL 4K PLUS LCD 3D Printer



**Sonic XL 4K PLUS** ensures excellent printing quality each time

## SALES FORMATS



### Translucent green

0100-CR30-0250      Bottle 250 g

0100-CR30-1000      Bottle 1000 g



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