

# SG01

## Surgical Guide, Ortho Guide

Surgical Guide SG01 is a clear and biocompatible resin intended for printing dental surgical guides. It is certified by FDA as Class I medical instrument and meets ISO 10993 standards, making it ideal for customized, non-implantable use with body contact limited to 24 hours. SG01 is a rigid polymer with minimal flex, which allows it to maintain its form during dental surgeries.

→ Biocompatible, transparent



### ■ Physical Properties - Liquid Status

Color	Transparent
Viscosity @25°C   cps	527
Wavelength	405nm

### ■ Mechanical Properties - Post Cured Parts

Property	Value	Test Method
Hardness   Shore D	84	ISO 868
Tensile Modulus   MPa	1873	ISO 527
Tensile Strength   MPa	43	ISO 527
Elongation at break   %	12.2	ISO 527
Flexural Modulus   MPa	2047	ISO 178
Flexural Strength   MPa	81	ISO 178

Post Processing	Value
Cleaning time with 95% ethanol	Basic Ultrasonic: 60s + Fine Ultrasonic: 10s
Recommended curing time	Fabcure 1: 5 mins, Fabcure 2: 5 mins