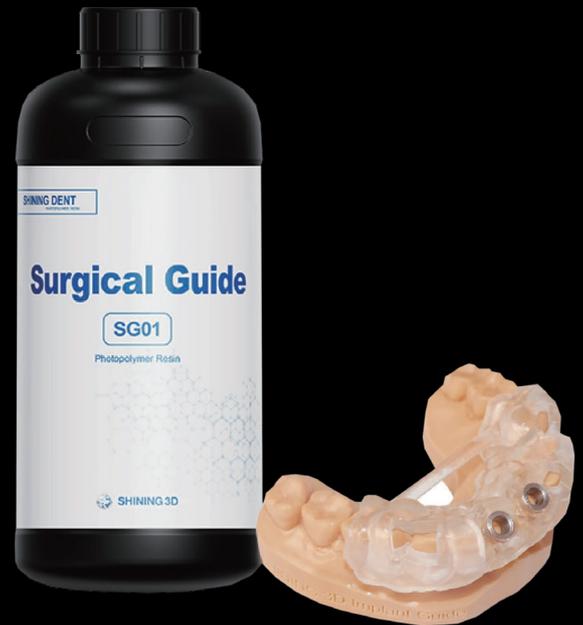


# SG01

## 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 | Ultrasonic bath: 60 + 10 secs        |
| Recommended curing time        | Fabcure 1: 5 mins, Fabcure 2: 5 mins |