

# ZIRLUX® NIGHTGUARD & SPLINT – RIGID

## Strength Without Sacrificing Flexibility



1 Kg Bottle  
(921-0036)



Zirlux® Nightguard & Splint Resin – Rigid is a 510K cleared printing resin that is indicated for the fabrication of rigid dental splints, nightguards, mouthguards, repositioners, and retainers. This DLP-optimized resin is an exceptional printing material that combines the strength needed to protect teeth against disorders like bruxism with added flexibility for better patient comfort.

### KEY FEATURES:

**Rigid Material:** Ideal for applications requiring structural firmness, such as hard splints and nightguards

**High Strength:** Resists deformation under stress, ensuring longevity

**Durable:** Abrasion resistant material maintains integrity over time

**Biocompatible:** FDA 510K cleared

**Polishable:** Achieves a smooth, glossy finish for patient comfort and esthetics

**Increased Patient Acceptance:** BPA, MMA & PHTHALATE FREE

**Extensive Printer Validation:** Designed for seamless compatibility with industry-leading 3D printers

Property	Procedure	Zirlux® Nightguard & Splint Resin – Rigid
Flexural Strength	ISO 20795-2	60-65 MPa
Flexural Modulus	ISO 20795-2	1510-1600 MPa
Water Sorption	ISO 20795-2	18 µg/mm <sup>3</sup>
Elongation at Break	ASTM D638	9%
Biocompatibility	ISO 10993	Pass

Zirlux® 3D Print Resins



Explore the rest of  
the Zirlux® 3D Print  
Resins today

Discover why Zirlux® is *right for you.*  
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