

# ZIRLUX® NIGHTGUARD & SPLINT – FLEXIBLE

## Comfort Meets Durability



1Kg Bottle  
(921-0037)

Zirlux® Nightguard & Splint Resin – Flexible is a 510K cleared printing resin that is indicated for the fabrication of nightguards, splints, mouthguards, repositioners, and retainers. This OLP-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:

**Flexible Material:** Strong but not brittle resin ideal for splints and nightguards

**Durable:** Material maintains integrity over time

**Biocompatible:** FDA 510K cleared

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

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

**Esthetic Finish:** Smooth, clear surfaces reduce polishing time

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

Property	Procedure	Zirlux® Nightguard & Splint Resin – Flexible
Flexural Strength	ISO 20795-2	2.6-4.4 MPa
Flexural Modulus	ASTM D790	1356 MPa
Tensile Strength	ASTM D638	52 MPa
Tensile Young's Modulus	ASTM D638	1790 MPa
Water Sorption	ISO 20795-2	< 18 µg/mm <sup>3</sup>
Elongation at Break	ASTM D638	110%
Biocompatibility	ISO 10993-1	Pass

Zirlux® 3D Print Resins



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the Zirlux® 3D Print  
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Discover why Zirlux® is *right for you.*  
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