

Aidite

Splint 2.0

Exceptional Durability | Crystal-Clear Esthetics | Self-Healing Innovation



Designed for long-term nocturnal bruxism protection, occlusal adjustment and splint therapy, high-wear dental applications

Everyone with a healthy and beautiful smile

Engineered with exceptional toughness to help prevent fracture and breakage at the source. Designed for long-term wear with an ideal balance of comfort and durability.

Exceeds Industry Standards

Maintains structural integrity even under unexpected occlusal impact, reducing the risk of cracking and fracture while extending appliance longevity and minimizing replacement frequency.

Versatile Clinical Applications

Suitable for nighttime protection, occlusal adjustment, and other high-demand applications where durability and wear resistance are essential.

High-Clarity Esthetics

A dedicated high-transparency resin formulation delivers a crystal-clear appearance and refined premium esthetics.

Built for Long-Term Use

Ideal for extended nighttime wear and occlusal applications, combining practical performance with everyday convenience.

Work of fracture

Splint 2.0	2700 J/m
Industry benchmark	≥250J/m ²

Fracture Toughness

Splint 2.0	2.6MPa m ^{1/2}
Industry benchmark	≥1.1 MPa m ^{1/2}

Impact Strength

Splint 2.0	60 J/m
Industry benchmark	≥15J/m



01

Precision Fit

Accurate adaptation
Comfortable wear

Produced with high-precision manufacturing and accuracy up to 30 μm, the material is designed to closely fit each tooth morphology and occlusal surface for a customized fit across different arch forms.

Key Benefit
A precise fit helps distribute occlusal pressure, support bite adjustment, and improve comfort for extended wear.

02

Superior Wear Resistance

Built to last
Resistant to daily wear

The resin offers significantly enhanced wear resistance compared with conventional night guard materials, helping reduce damage and deformation during long-term occlusal use while maintaining appliance stability.

Key Benefit
Designed to withstand daily grinding and friction for reliable long-term performance.

03

Innovative Self-Healing

Minor damage
Automatic recovery

Featuring shape self-healing technology, the material can recover from minor deformation or surface wear during daily use, helping maintain a smooth surface and stable fit while extending appliance lifespan.

Key Benefit
No special treatment required: routine cleaning supports automatic recovery, reducing maintenance effort and improving long-term usability