

# Complementary Vitallium System Products

## Duplicating Material

Polyflex® is a reversible hydrocolloid material to be used for duplicating any model in stone or phosphate investments and can also be used with ethyl-silicate investments.



## The Ultimate Partial Denture System

Vitallium is the partial denture system of choice when it comes to high quality partial denture frameworks. Finish your framework with Lucitone® denture base acrylic and Dentsply Sirona teeth for the ultimate aesthetic outcome.



## Lucitone 199®

With over 40 years of clinical success, Lucitone 199 is the premium choice for both full and partial dentures. It is the industry standard for premium high-impact denture base resins. Trusted and reliable, with superior impact resistance, balanced translucency and excellent vein simulation.

## Lucitone® HIPA (High Impact Pour Acrylic)

The first pour acrylic to exceed the ISO standard for improved impact resistance. It is 200% stronger than other pour acrylics, and it has excellent fit-to-model and color stability.

## Portrait® IPN®

For the patient who demands the best, Portrait IPN teeth deliver the premium combination of aesthetics, time-tested material and mould selection. Each tooth blends three different layers of IPN material creating five distinct aesthetic zones. The result is a life-like tooth with superior durability.

## Genios®

For the patient that requires a distinctive European characterization, Genios denture teeth are a highly aesthetic, 3-part denture tooth design that leverages the superior highly individualized denture.



## Vitallium® Partial Denture System

Dentsply Sirona | 800-243-1942 | [dentsplysirona.com](https://dentsplysirona.com)

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A very rich history.....

The Vitallium success story started in 1932, when Reiner Erdle, a German dental technician, composed a miracle partial denture alloy after years of research, which was patented under the name Vitallium.

The production of dental restorations is still its primary use. However, over the years, there have been a number of other specialized applications based on the unique features and qualities of this extraordinary alloy. Not only has it been used as a very biocompatible material for the production of implants to replace elbow and hip joints, but the first American Jet engines also took off with rotor blades made from Vitallium.

... and still the industry standard

More than eighty years of experience, in a wide range of applications, proves the reliability of this material and makes Vitallium the industry standard. Dentists and dental laboratories alike know and trust the Vitallium line of products. Vitallium continues to be the industry leader by which all others compare themselves!

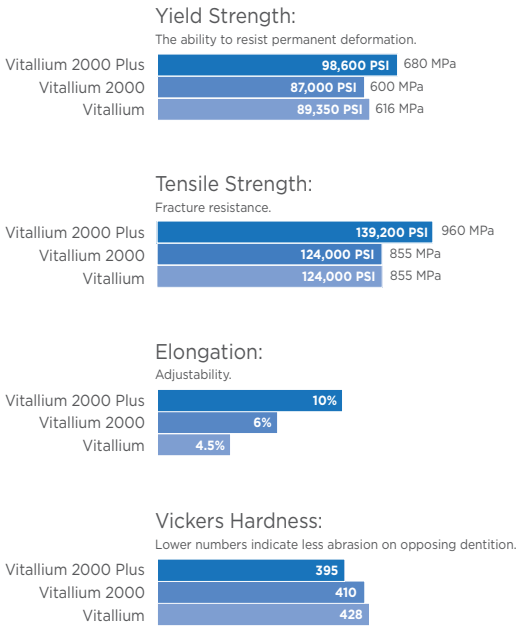
Vitallium® 2000 and Vitallium® 2000 Plus Alloys

Vitallium 2000 is a premium partial denture system featuring two alloy formulations: Vitallium 2000 and Vitallium 2000 Plus with advanced physical properties for improved handling characteristics.



- **Superior Strength** - The high fracture resistance of Vitallium 2000 alloys enables dental laboratories to fabricate lighter, more refined partials for improved aesthetics and greater patient comfort.
- **Predictability and Precise Fit** - Vitallium 2000 alloys have a higher elongation value than the original Vitallium alloy, resulting in a partial framework that permits predictable adjustments with unprecedented fracture resistance. Quite simply, Vitallium 2000 alloys adjust like gold with no fear of deformation for a precise fit.
- **High Surface Luster** - Vitallium alloys maintain a high luster and resist plaque. This ensures that patients can easily and effectively clean their partial dentures.
- **Biocompatibility** - Vitallium alloys are nickel and beryllium-free.

Vitallium® Alloys



Data on File.

Matched Alloy and Investment for Optimal Results

Vitallium alloys and investments are the first to be “matched”. What does that mean?

This means that the two materials work together during processing to expand and contract in unison, to avoid distortion during the heating, casting and cooling process. This facilitates a precise fit of the Vitallium partial.



The Vitallium 2000 Investment System is designed for Vitallium 2000 alloys. The investment is a high-grade ethyl-silicate product formulated to provide consistent and uniform expansion for producing accurate fitting cast partial frameworks.