



DENTAL APPLICATIONS
MOVINGLight® Technology
Liquid Resin 3D Printers

PRODWAYS
MACHINES

PROVIVIC Denture Base

A revolutionary **new material**
for industrial production of
denture bases



**PERFECT ACCURACY
& FIT**



**COST EFFECTIVE
SOLUTION**



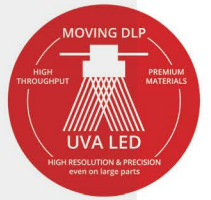
**FAST TURNAROUND
TIME**



**PERFECT SURFACE
FINISH**

www.prodways.com

MEDICAL DEVICE CLASS IIA (EU) AND FDA 510(K) CLEARED
 Our denture base materials comply with the current regulatory requirements for safe use.



APPROVED AND VALIDATED
 Complete workflow including ability to securely bond teeth to denture bases and capability to efficiently repair them*.
*Bonding, repair product available at Prodways

Provivic Denture Base Key Features

Our resin has been thoroughly tested and is in compliance with the FDA and European regulations and fulfills the requirements of DIN EN ISO 20795-1 for Denture base Polymers.



PREMIUM MATERIAL FOR DENTURE BASE

Provivic Denture Base is a light-curing material for the additive manufacturing of full denture bases or partial dentures. The material has been optimized for Prodways DLP® systems of the Dental Pro series with a wavelength of 385 nm for layer thicknesses of 100 µm. In addition, the material comes along into a fully validated workflow to bond acrylic, printed or milled teeth.

INNOVATION AND EXPERTISE

Prodways' exclusive MOVINGLight® technology is based on photo-polymerization of liquid resin via moving DLP® projectors. It offers unequalled levels of precision and productivity also a wide range of applications in different industries. Prodways is constantly innovating to develop new materials supported by internal R&D teams at Prodways Materials as well as strategic partners.

SPECIFICATIONS

Shade	Pink-transparent
Viscosity	≥ 2.5 Pas at 23°C
Flexural strength	≥ 65 MPa
Flexural modulus	≥ 2000 MPa
Water absorption	≤ 32 µg/mm ³
Solubility	≤ 1.6 µg/mm ³
Compatible machine	Dental Pro 10 & 20

* Please note that this data is contingent upon factors including but not limited to part geometry, build style, and material. Variations in these elements may affect outcomes

** All technical characteristics, specifications, and data provided in this document are non-binding and subject to individual use cases and environmental conditions. Performance and results may vary based on these factors