

**Carbon<sup>®</sup>**

# **FP3D<sup>™</sup>**

**FDA-Cleared for Class II**



**LEARN MORE  
ABOUT FP3D<sup>™</sup>**





# FDA-CLEARED CLASS II 3D PRINTING RESIN FOR FLEXIBLE PARTIAL DENTURES

**\$750/L (Liter)**

## OVERVIEW

FP3D™ offers dental labs a reliable, flexible material for 3D-printed partial dentures. This dual-cure material is designed for efficiency, easy printing, and simple polishing while being naturally translucent for a lifelike appearance.

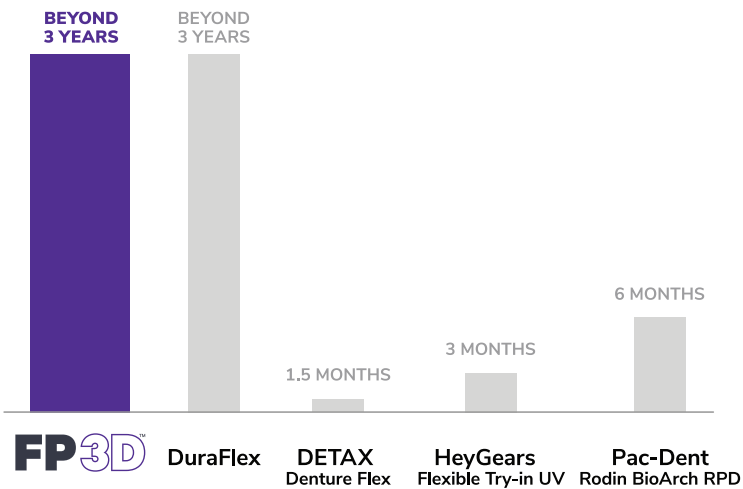
## KEY FEATURES

- Durable beyond a 3-year lifetime\*
- Excellent chemical retention of teeth
- High translucency for a natural blend
- Seamless integration with existing digital denture workflows
- Improved polishability compared with thermoplastics\*
- Reduced economics compared with traditional fabrication methods\*
- High print precision for enhanced intraoral retention and comfort

## COLORS



## DURABILITY\*



Based on internal testing. Data on file.

## PROPERTIES\*

TEST STANDARD	PROPERTY	VALUE
ISO 20795-1	Flexural Modulus	800 MPa
ISO 20795-2	Flexural Strength	30 MPa
ISO 20795-3	Total Fracture Work	960 J/m <sup>2</sup>
ASTM D638	Elongation at Break	150%
ISO 20795-1	Water Sorption	1.82 ug/mm <sup>3</sup>
ISO 20795-1	Water Solubility	0.01 ug/mm <sup>3</sup>
ISO 20795-1	Free Monomer Extraction	Pass
ISO 10993	Cytotoxicity	Pass
ISO 10993	Irritation	Pass
ISO 10993	Sensitization	Pass



\*Based on internal testing. Results available upon request.