

Carbon[®] FP3D[™]

FDA Cleared for Class II



Contact Your Lab for Availability

MKT-OH-SELLSHEET-ONEPGR2_0825



FDA CLEARED CLASS II
MEDICAL DEVICE FOR
FLEXIBLE PARTIAL DENTURES

\$750/L (Liter)

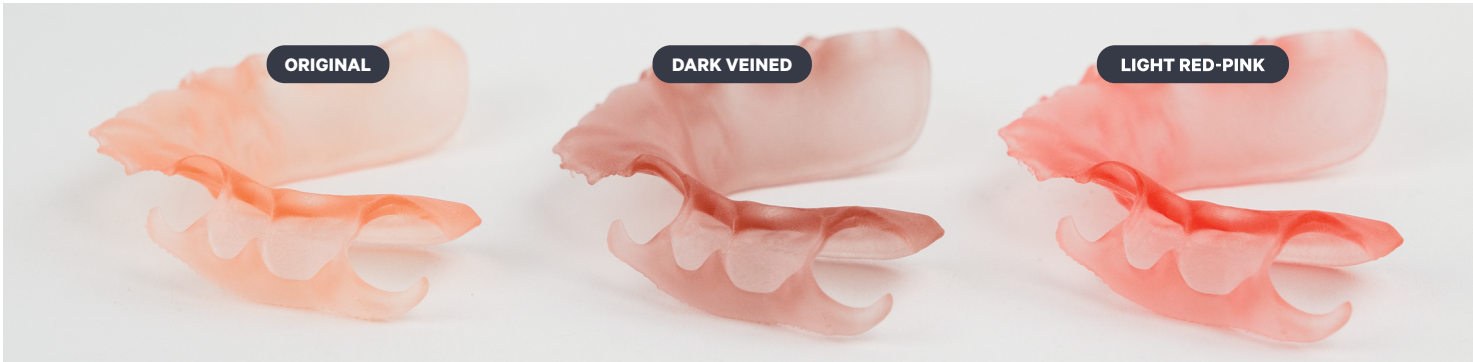
OVERVIEW

FP3D offers dental labs a reliable, flexible material for 3D-printed partial dentures. This dual-cure material is designed for efficiency, easy to print, simple to polish, and is naturally translucent for a lifelike appearance. FP3D supports a streamlined workflow, enabling cost advantages compared to traditional fabrication methods.

KEY FEATURES

- Class II Medical Device
- Durability Beyond a 3 Year Lifetime*
- Excellent Chemical Retention of Teeth
- High Translucency for a Natural Blend When Placed Intraorally
- Easy Integration with Existing Digital Dentures Workflow
- Improved Polishability compared to Thermoplastics
- Reduced Economics Compared to Traditional Fabrication Methods
- High Precision and Accuracy for Improved Intraoral Retention and Comfort

COLORS



DURABILITY*

	FP3D	DURAFLEX (THERMOPLASTIC)	LEADING SINGLE CURE 3D PRINTING RESIN	CLASS I 3D PRINTING RESIN
Lifetime	>3 Years	>3 Years	6 months	3 months

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/m2
ASTM D638	Elongation at Break	150%
ISO 20795-1	Water Sorption	1.82 ug/mm3
ISO 20795-1	Water Solubility	0.01 ug/mm3
ISO 20795-1	Free Monomer Extraction	Pass
ISO 10993	Cytotoxicity	Pass
ISO 10993	Irritation	Pass
ISO 10993	Sensitization	Pass



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*Based on internal testing. Results available upon request.