



# HARZ Labs

MATERIALS FOR 3D PRINTING

## INDUSTRIAL FLEX

The resin is designed for producing flexible parts. May be used as additive to other HARZ Labs resins to increase toughness

Industrial Flex resin is absolutely non brittle material that have mechanical properties close to PU. May be used for creating gaskets and any other flexible parts. Have a good mechanical resistance to a wide range of loadings. Widely used as an additive for other resins to increase flexibility and reduce brittleness. Suitable for using with HARZ Labs resins.

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INDUSTRIAL  
FLEX

1kg

Characteristics	Value
Appearance	Colored transparent liquid
Color	Transparent yellow
Odor	Odorless
Viscosity (Brookfield)	0,5-0,8 Pa*s
Tensile strength	13 N/mm <sup>2</sup>
Elongation at break	103%
Hardness Shore D	63
Shrinkage	0,5%

# ADVANTAGES



## Flexible

Flexible and soft material that allows you to imitate real gingiva when planning implants



## Odorless

Resins are odorless and cause no irritation, so you can work with natural ventilation without special technique



## Low shrinkage

Shrinkage less than 0.5% gives you the same size like 3D model on your computer and it doesn't change size after postcuring



## Safe

Resin does not contain solvents and volatile monomers, irritating compounds. No fumes, odor and allergic reaction



## Stable

Resin is very stable, you can leave it for a long time in the vat, no sedimentation and gel formation occur – no need to mix

# COMPITABLE PRINTERS



ASIGA



**PRUSA**  
RESEARCH  
by JOSEF PRUSA

zortrax

MoonRAY



FLASHFORGE

