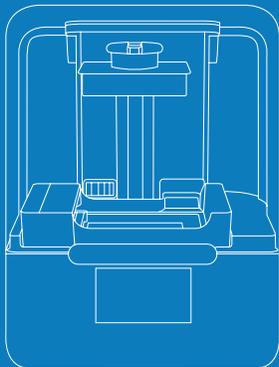


Form 3

Flawless Prints, Every Time.



Form 3 Tech Specs

The Next Generation of Industrial 3D Printing

Technology

LFS™ Low Force
Stereolithography

Layer Thickness

25 - 300 microns
0.001 - 0.012 in

Dimensions

40.5 × 37.5 × 53 cm
15.9 × 14.8 × 20.9 in

Optics Engine

1 Light Processing Unit
250 mW laser power
85 micron (0.0033 in)
laser spot

Build Volume

14.5 × 14.5 × 18.5 cm
5.7 × 5.7 × 7.3 in

Warranty

One Year Warranty included.
Extended Warranty,
Pro Service, and Enterprise
Plan available.

formlabs 



Solve Complex Engineering Challenges With a Range of Functional Materials

1 DURABLE RESIN for Low Friction and Wear

With low modulus, high elongation, and high impact strength, Durable Resin produces parts with a smooth, glossy finish and high resistance to deformation. Use this material for applications requiring minimal friction.

2 DRAFT RESIN for Truly Rapid Prototyping

Our fastest printing material, Draft Resin is suitable for printing large, bulky parts quickly. With a 300 micron layer height, it's accurate enough to meet prototyping needs while enabling faster design iterations.

3 GREY PRO RESIN for Versatile Prototyping

Grey Pro Resin offers high precision, moderate elongation, and low creep. This material is great for concept modeling and functional prototyping, especially for parts that will be handled repeatedly.

4 ELASTIC RESIN for Soft Flexible Parts

Our softest Engineering Resin, this 50A Shore durometer material is suitable for prototyping parts normally produced with silicone. Choose Elastic Resin for parts that will bend, stretch, compress, and hold up to repeated cycles without tearing.

5 TOUGH RESIN for Rugged Prototyping

Tough Resin balances strength and compliance, making it the ideal choice for prototyping strong, functional parts and assemblies that will undergo brief periods of stress or strain.

6 HIGH TEMP RESIN for High Thermal Stability

High Temp Resin offers a heat deflection temperature (HDT) of 238 °C @ 0.45 MPa, the highest among Formlabs resins. Use it to print detailed, precise prototypes with high heat resistance.

7 FLEXIBLE RESIN for Hard Flexible Parts

An 80A Shore durometer material for more rigid flexible parts with a matte-black soft-touch finish. Choose Flexible Resin to create ergonomic features as part of larger assemblies.

8 RIGID RESIN for Stiffness and Precision

Rigid Resin is filled with glass to offer very high stiffness and a polished finish. This material is highly resistant to deformation over time and is great for printing thin walls and features.