

Selective Laser Sintering (SLS)

From prototype to low-volume production, Quickparts brings decades of expertise to every SLS part or project, delivering exceptional quality, speed, and accuracy. Our commitment to limitless manufacturing means no restrictions on size, quantity or complexity, with in-house production across the globe.

Why Quickparts?

Extensive machine capacity for immediate turnaround: Our production houses have extensive machine capacity, enabling parts manufacturing in as little as 24 hours with next day delivery options. Instant quoting is available, with a part size maximum of 500 x 500 x 725 mm.

Accuracy and limitless complexity: Our state of the art technology offers a standard resolution of 0.1016 mm, tolerances to $\pm 0.20\%$ and outstanding repeatability. SLS does not require support structures, allowing you to embrace design freedom and very few manufacturing limitations.

Full range of materials: A comprehensive range of engineering grade nylons, composites and rubbers with excellent durability as well as chemical and heat resistance. Many of our SLS materials are biocompatible in their finished form.

25+ years of expertise in SLS printing: Quickparts facilities across the world have been undertaking additive manufacturing projects since the 1990s. Our engineers demonstrate an exceptional understanding of the SLS process and applications.

Quality assurance: Quickparts delivers on qualified operators, engaged project professionals and outstanding logistics capabilities, all wrapped up in an ISO 9001:2015 accreditation.

Materials:

- ▶ Nylon (Duraform Pa)
- ▶ Glass-Filled Nylon (Duraform GF)
- ▶ Durable Nylon (Duraform Ex White)
- ▶ Durable Nylon (Duraform EX Black)
- ▶ Fiber Filled Nylon (Duraform HST)
- ▶ SLS Flex (TPU-like)

Finishes

- ▶ Standard (Uncoated)
- ▶ Paint-Ready
- ▶ Standard (Coated)
- ▶ Painted
- ▶ Dyed
- ▶ Custom



Parts ship as fast as next day



Size or complexity

25+

Years experience



ITAR Registered
ISO 9001:2015
Certified



Learn more at
quickparts.com.