



Shore 50A. Highly elastic and tear resistant. Wearables and skin-contact parts. Wearables, skin-contact parts, and high-elongation applications.

STRENGTHS

- + Shore 50A — very soft
- + High elongation at break
- + Good for wearables and skin contact

LIMITATIONS

- Low tear strength
- Difficult to post-process
- Limited structural use

CATEGORY

Flexible & Elastic

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping

INDUSTRIES

Medical & Biotech, Consumer Electronics

AVAILABLE COLORS

● Clear

DESIGN RULES

GUIDELINE	VALUE
Min Wall Thickness	0.8 mm
Min Wall (Unsupported)	1.5 mm
Tolerance	±0.25 mm
Min Hole Diameter	0.5 mm
Min Feature Size	0.5 mm
Min Clearance	0.125 mm
Supports / Overhangs	Always
Drain Holes	Yes
Min Pin Diameter	2.0 mm
Min Thread Size	M6

TECHNOLOGY SPECIFICATIONS

SPECIFICATION	VALUE
Layer height	0.025-0.1mm
Tolerances	±0.2mm
Min wall thickness	0.8mm
Max build size	335 × 200 × 300mm
Lead time	From 2 business days

BEST FOR

- Visual prototypes
- Medical models
- Casting patterns
- High-detail parts
- Presentation models