Minnesota Wire & Cable Co.

Stereolithography (SLA) Prototyping

SLA, or stereolithography, is a rapid prototyping process where a product prototype is created using 3-D CAD software, laser technology and a liquid resin polymer.

A 3-D solid model is exported from the CAD software and is used by the SLA machine's laser to create a detailed prototype part that exhibits precise dimensions and shape.

- Primed and painted to match any PMS number with or without texture for photo shoots, tradeshows, or marketing events
- Can be machined, drilled, tapped and inserts can be added
- Customized texture can be added to imitate leather, wood grain or an EDM finish
- Check fit and form, as well as visual content
- Used as master patterns for more functional prototypes such as RTV (room temperature molding), RPM's (rubber plaster molding) and investment castings
- Can be color tinted for a transparent look
- Chrome plated, vacuum plated, or plated with nickel, zinc or copper
- Resin options for various property parameters including flexibility, water deterrent or temperature

ISO 13485:1996
Certified

Minnesota Wire & Cable Co.
1835 Energy Park Drive • St. Paul, MN, USA • 55108
(651) 642-1800 • (800) 258-6922
mwcc@mnwire.com • www.mnwire.com

JFA