

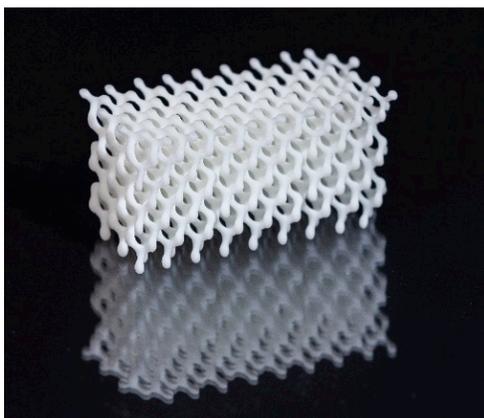
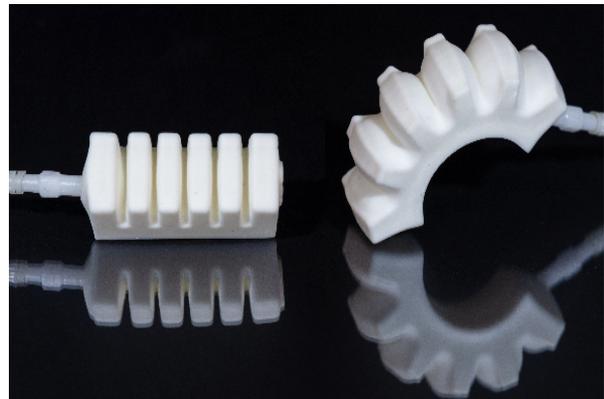
Spectroplast AG

We are a Swiss startup from ETH Zurich that has developed high precision silicone additive manufacturing technologies



Vision We believe that additive manufacturing (AM) has the potential to shift focus from rapid prototyping to mass customization of functional products. Spectroplast aims at satisfying emerging requirements in multiple industries using silicone, making an exceptional impact on the near future. Our vision is to bring industrial-scale silicone additive manufacturing to the mass market.

Mission With the world's first high precision silicone printing technology, our mission is to expand the range of printable materials from rigid to stretchable materials. The company intends to commercialize silicone 3D printing using innovative Additive Manufacturing (AM) and bring 3D printed silicone products to the mass market through different industries creating a real and positive impact.



Current Scenario Within the global silicone market, the co-founding team - Manuel Schaffner and Petar Stefanov - has identified complementary use of silicone AM technology, where conventional manufacturing methods are either technically or economically not viable - neglecting growing markets for:

- Complex shapes unfeasible with molding
- Small to mid volume production

Introducing Silicone to the World of Additive Manufacturing

Inspired by soft biomaterials, Spectroplast manufactures components that are:

- ✓ **flexible, compliant** and **morphing**
- ✓ **biocompatible** and **safe**
- ✓ **resilient** and **resistant**
- ✓ **omnidirectional** in properties
- ✓ geometrically **complex** and **accurate**
- ✓ **suitable** for **industrial** and **medical** applications

Spectroplast covers the full **range of silicone hardness** between Shore A 0 and Shore A 80 with highest **precision**. We not only provide **customized** products, but also custom-tailored **materials**.

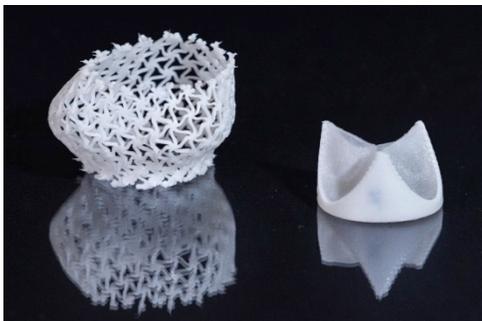


Coming Soon

- Artistic & Film industry
- Sports/Wearables/Headphones
- Industrial sealing solutions
- Intimate adult products
- Silicone molds
- Soft robotics

Up Next

- Anatomic and medical models
- Hearing aids and ear protection
- Life enhancing products
- Healthcare products



A Glimpse Into The Future

Looking at 2023 and beyond, we will provide personalized healthcare and medical products.

For more photos and videos visit www.spectroplast.com