



Medical Silicone & TPE Processing in Cleanroom Conditions, Insert Moulding & Overmoulding, Assembly

Founded in 1988, TopsilGlobal is a private family-owned company specialising in the processing of silicone and thermoplastic elastomers by means of injection moulding and extrusion.

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Silicone Moulding & Overmoulding

Lines for the production of liquid silicone (LSR, or Liquid Silicone Rubber) consist of dosing devices, cold runner distributors, injection molding machines equipped with an extensive control system and specialized injection units and moulds. The production process is fully automatic and the manufactured products do not require any finishing. This technology is extremely environmentally friendly as no waste is generated during production.

Thermoplastic Moulding & 2K Moulding

In the processing of thermoplastic materials, we use both cold runner injection technology and hot runner injection technology. This technology complements our core range of injection moulded products - including silicone products - with articles made of various types of thermoplastic materials: TPE, TPO, TPV, TPU etc.

We can also offer the production of two-component products from thermoplastic elements combined with LSR silicone.

Short & long-term
medical implant
applications

Work with all raw
material suppliers

In-house material
specialist to support
material selection

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Poland, Tel. : +48 46 819 30 40

Skierniewice Production Plant
Poland, Tel. : +48 46 819 30 00

Topsil Global is certified to ISO 9001:2015, DIN EN ISO 14001:2015 and ISO 13485:2016



www.topsilglobal.com



Cleanroom

Every element of production including raw material preparation, extrusion, assembly and packing can be done under our highly controlled ISO 7 environment.

Silicone & Thermoplastic Extrusions

Modern, fully integrated extrusion lines with a precise control system that allows us to achieve high accuracy of dimensions of extruded products. They are controlled continuously by means of special laser devices. In order to ensure dimensional accuracy, we use an automatic self-regulation system. We also provide our clients with the possibility of automatic in-line cutting of finished products into sections of any length, from 0.7 mm.

ID/OD

Profile
Extrusions

Multi Lumen
Extrusions

Co-extrusions



Tool Manufacturing

All production tools, moulds, extrusion dies and tips are made in house, giving full control over design, lead-time and cost.

