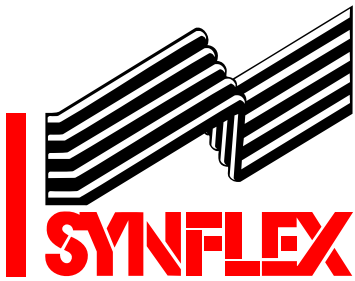


SYNFLEX ELEKTRO GMBH

Stampings and blanks

- Coverings
- Insulation
- Protection
- Connections
- Absorption



Stampings and blanks from Synflex Outstanding quality at great prices

- Coverings
- Insulation
- Protection
- Connections
- Absorption



■ **Stampings and preformed parts from Synflex**
The best quality at outstanding prices!

Synflex offers a wide range of stampings and preformed parts: as rolls (with remnants removed), component parts, adhesive (single- and double-sided) or non-adhesive, with or without grip handle, printed or plain.

We cut, stamp, mill and saw preformed parts, or produce them using water jet cutting. We can manufacture for you from the widest range of materials, such as all types of foils, fleeces, foams, textiles, laminates, but also mineral materials, e. g. graphite.

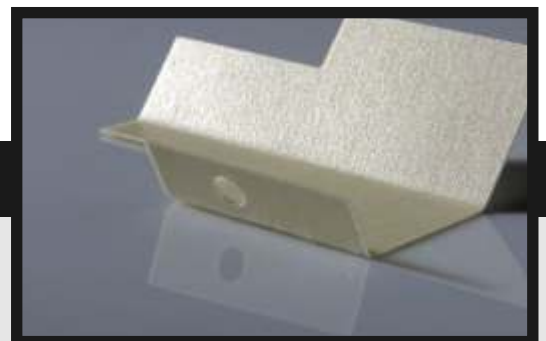
Their area of application is huge. Our customers include partners from the automotive industry, the electrical and electronic industries, medical and shielding technologies and communication and information technologies. Provide us with drawings, sketches, or CAD graphics, or just share your ideas with us. We will work out your individual solution.

Just ask – we're happy to advise!



■ **Uses for stampings**

- **Electric motors**
Low-power motors, positioning motors, three-phase and d.c. motors
- **Transformers**
e.g. toroidal core, small and large transformers
- **Coils**
e.g. magnet, reactance and relay coils
- **Generators**
e.g. wind generators, traction generators, ship's generators
- **Automotive**
e.g. dashboard and steering wheel area
- **Electrical and electronic industries**
e.g. insulation foils for coils, motors and enclosed assemblies
- **Medical technology**
e.g. carrier foils for plaster tapes
- **Information systems**
e.g. translucent foils or foil combinations for LCD displays
- **Communication and shielding technology**
e.g. shielding foils



Stampings and blanks from SYNFLEx

Stampings for the electric motor industry

- Slot liners
- Wedges
- Interphase insulations
- Magnet coil insulations
- Blanks
- Armature insulations

Materials

- PET-films, PI-films (e.g. SYNtherm[®] H), Aramide-papers (e.g. SYNtherm[®] A510)
- foams made from PUR and more
- fleeces made from Polyester and more
- textiles made from viscose staple fibre
- Laminates made from different materials like DMD, VPV, APA, AHA
- Pressboard
- Polycarbonate
- PMMA
- Materials such as copper, aluminium
- Mineral materials such as graphite and many other materials.

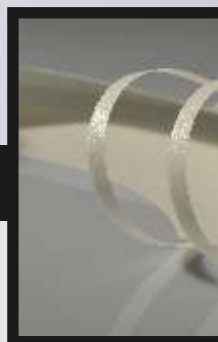
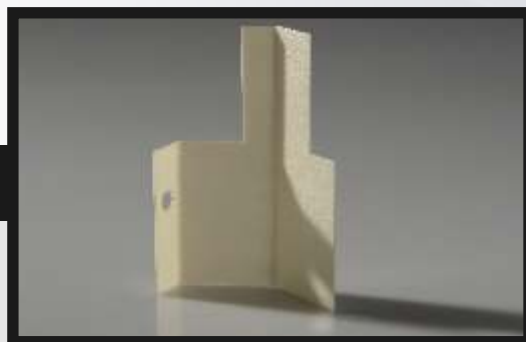
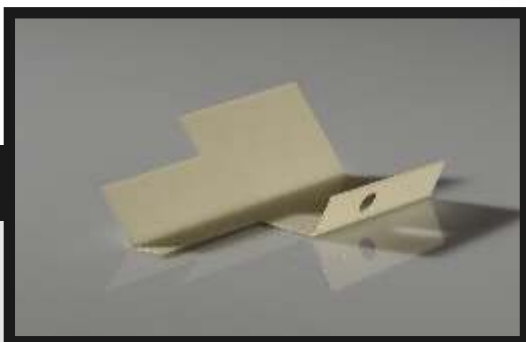
Just ask!

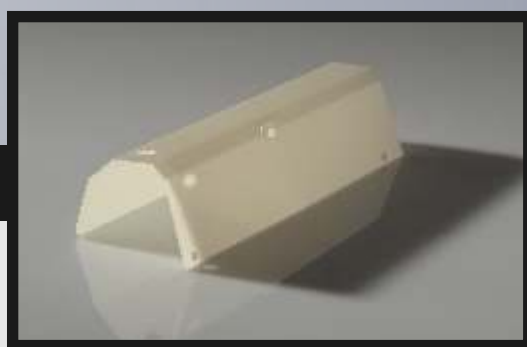
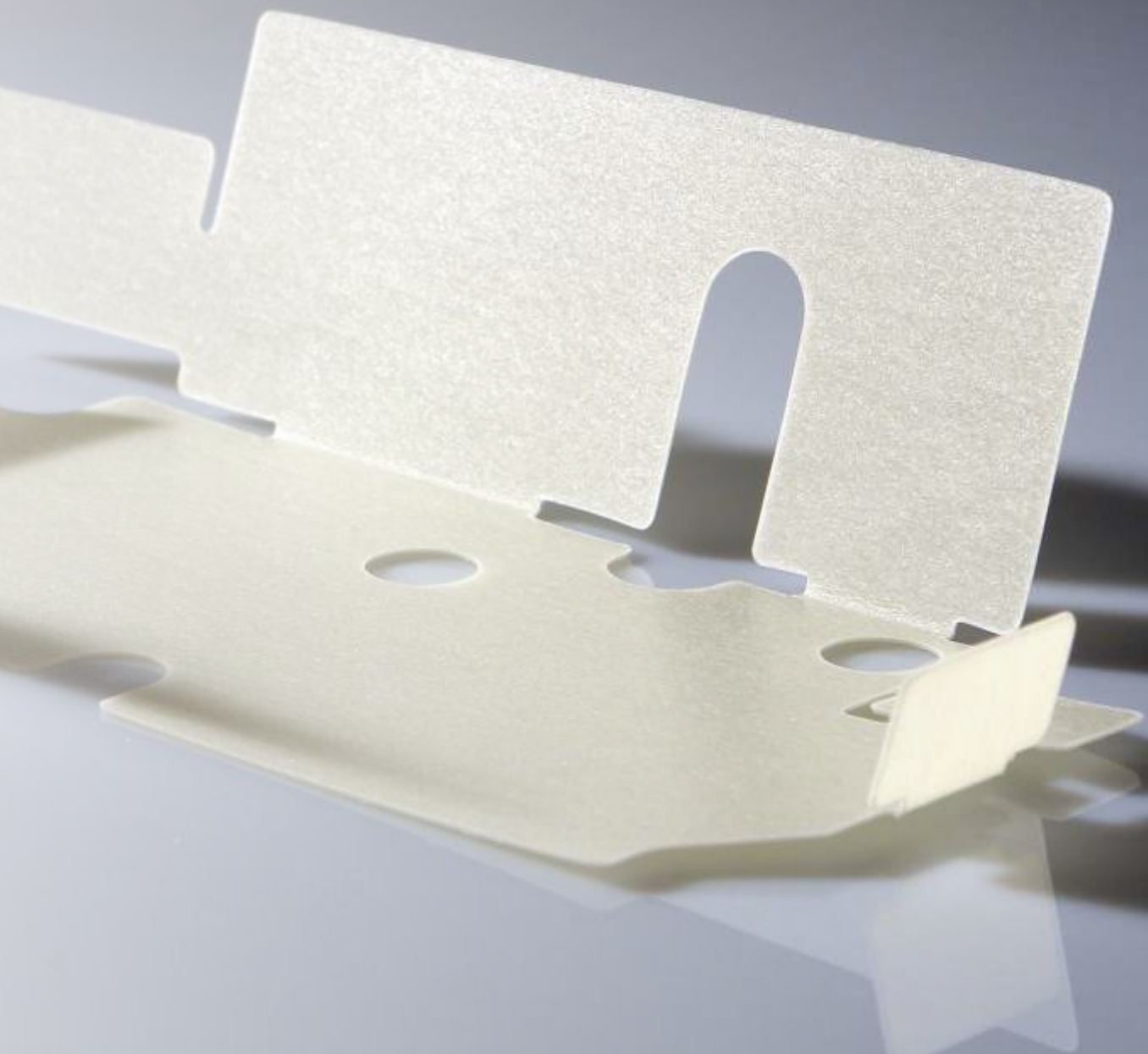
Our speciality

- Stampings
 - Rolls
 - Component parts
 - Adhesive (single- or double-sided)
 - With or without grip handle
- Bent parts
- Blanks

Our service

- Advice on application technology (including on-site advice)
- Technical approvals to PPAP standards
- Support in the selection of suitable materials
- Testing in our own laboratory SYNlab[®]
- Production of job lots
- Issuing of test certificates
- Overall UL-approbation with UL-repackaging certificate.





■ The Synflex know-how network – worldwide

Logistics

Efficiency is no longer enough. Synflex's logistical concept today is optimal, efficient and economical – along the entire supply chain. As an interface between the customer and supplier, our logistics initiate optimal provision of materials.

Production

In a high-tech machine park, Synflex punches, cuts and folds flexible insulating materials and copper tapes with utmost precision. One example of technical precision and innovation is our **SYNshield®** copper shielding foil.

Range

Many - more - most? Once upon a time that was so. The central idea and core function of the Synflex range policy is rather more the conscious selection and bringing together of materials into a range that also includes the context of demand.

Quality

Meeting requirements? That's no aim. We meet criteria or even exceed them.

Our certification (DIN EN ISO 9001:2008 / ISO TS 16949) speaks for itself.



SYNlab®

We have quality tests and random-sample tests everywhere. We are certified by UL, as one of only a few laboratories in the world, and we meet the criteria for carrying out sealed-tube tests for the field of electrical insulating systems. Synflex sets standards of quality.

UL

Synflex offers you full advice on the entire UL system and system adaptation, and can handle the entire business of system licensing for you.

Synflex offers UL electrical insulating systems in classes B, F and H, which are registered at UL under file no. E 247773.

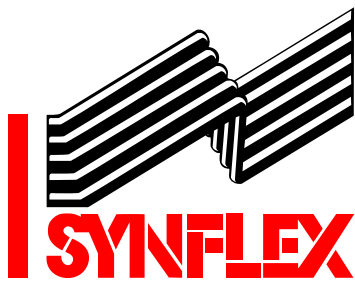


■ **The market is our customer.**

And the market is everywhere. The same applies to SYN-FLEX.

The SYN-FLEX know-how network is open to customers around the world. Subsidiaries represent SYN-FLEX all over Europe and China. Agents who work in close cooperation with our competence centre in Germany represent SYN-FLEX in the rest of the world and serve our customers with our know-how.

www.synflex.com



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info@synflex.de

■ **The SYNFLEX product programm**

- Winding wires
- **SYN**therm[®] Insulating materials
- **SYN**tape[®] Electrical adhesive tapes
- Connection cables
- (HF-) Litz wires/ Special wires
- Insulating sleeves
- Impregnating agents
- Stampings
- **SYN**con[®] Transformer terminals
- **SYN**shield[®] copper/ aluminium tapes