



EPAFLEX 
POLYURETHANES S.p.a.

POLYURETHANE SYSTEMS

TPU

PREPOLYMERS

ELASTOMERS / POLYUREAS

POLYURETHANE SPRAY FOAM

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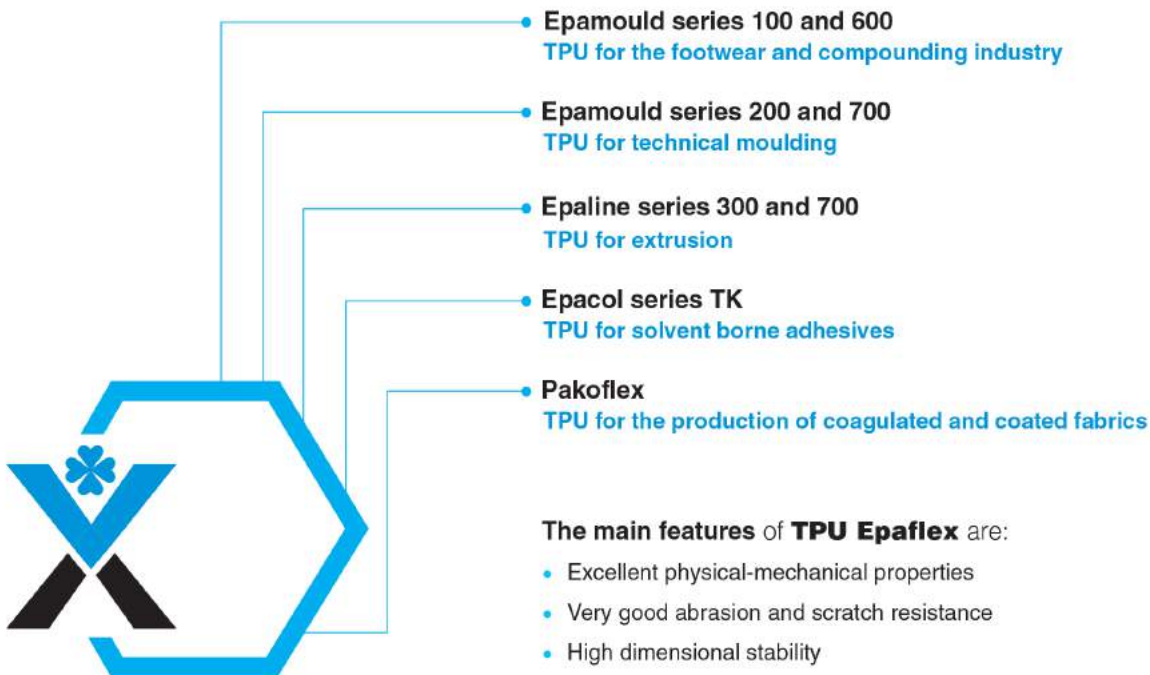
YOUR PARTNER FOR **TPU**

Thermoplastic polyurethanes are innovative technical materials with features that allow them to be used in multiple applications in the plastics industry.

Epaflex produces **TPU** systems to ensure consistent quality and processability capable of meeting the needs of the most complex and cutting-edge applications.

ISO 9001 certification is an additional guarantee of the exceptional standard of our processes.

The range of **TPUs** has been extended to include the five product lines currently available.



The main features of **TPU Epaflex** are:

- Excellent physical-mechanical properties
- Very good abrasion and scratch resistance
- High dimensional stability
- Good tensile and sheer strength
- High elasticity and flexibility
- Good resistance to oils, greases and many solvents
- Good resistance to low temperatures
- Excellent definition of the moulded surface
- Recyclability

Epaflex TPU is used in the following fields:

- Moulding for footwear
- Technical moulding
- Automotive Components
- Compounding
- Pipes and cables
- Films
- Belts and profiles
- Adhesives
- Coagulation and coating

Epaflex is present in several TPU markets and industrial sectors as an expert and reliable partner, which firmly believes in technical support and in the flexibility of its commercial offers.

Our worldwide network of dealers allows us to be close to our customers.

POLYURETHANES FOR FOOTWEAR (PU Systems)

Good footwear should be comfortable, fit for the use and long-lasting, as well as being cost-effective.

Polyurethanes make it possible to meet all of these requirements.

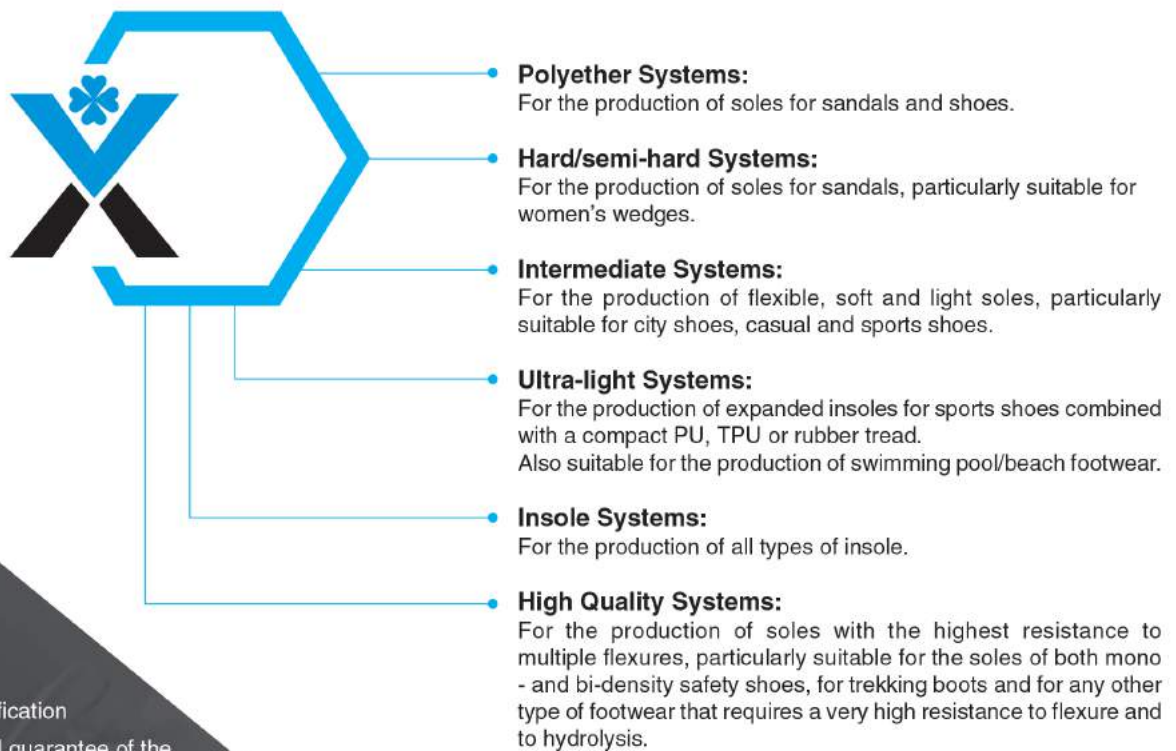
Lightweight and highly abrasion resistant, with excellent physical/mechanical properties, these materials are perfect for shoe soles. These soles are practical, waterproof and lightweight, and can be shaped as required since polyurethane does not limit the possibilities of design or use in any way.

Polyurethanes are found in a wide range of footwear. Known for sports shoes, hiking boots, boots, slippers and wedges, they are also widely used for stylish and fashionable shoe soles, as well as for high-quality safety shoes.

Polyurethane systems are used for middle insoles and outer soles, low density to compact density

Epaflex produces **PU** systems to ensure consistent quality and processability capable of meeting the needs of the most complex and cutting-edge applications.

The wide range of polyurethanes for Epaflex footwear is divided into six large families.



- ISO 9001 certification is an additional guarantee of the exceptional standard of our processes
- Epaflex can customise every single product according to the production and design requirements of individual customers.



C.A.S.E Division

The products in the C.A.S.E. (Coating - Adhesives - Sealants - Elastomers) division of Epaflex Polyurethanes are designed for the world of construction, maintenance and industry and are the result of an innovative technology based on special polymers, developed over multiple applications. There is no need to use solvents, thanks to the features of our products, which are produced without volatile organic emissions or compounds.

Our products do not contain greenhouse gases and have faster application times (not much time required for strengthening), and a construction site that is open for less time helps create fewer environmental problems and improves the quality of life.

The families of the products in the C.A.S.E. division are:

Le famiglie di prodotti della divisione **C.A.S.E.** sono:

