

POLYURETHANS

MOULDS AND MOULDING



COMPANY

Politecnica s. r.l. was founded in 1998 by managers and technicians with 20 years of experience in the design and construction of seats for buses, trains and ships, as well as flexible and integral polyurethane complements for sectors ranging from furniture to mechanical, medical and automotive industries.



SERVICES

- ANALYSIS AND FEASIBILITY STUDIES;
- REALIZATION, ACQUISITION, COMPLETION AND REVISION OF NEW OR EXISTING PROJECTS ALSO DEALING WITH MOULD MAKING;
- REALIZATION OF PROTOTYPES AND PRE-SERIES;
- REALIZATION AND INDUSTRIALIZATION OF THE PRODUCT;
- MAINTENANCE AND STORAGE OF THE MOULDS AT OUR FACTORY.





DESIGN AND PRODUCTION FOR THIRD PARTIES OF PARTS IN POLYURETHANE:

- **FLEXIBLE**, flexible, even with vacuum technology,
- **SEMI-RIGID** integral self-skinning also colored in mass.

DESIGN AND CONSTRUCTION OF INTERNAL STRUCTURES IN STEEL, THERMOPLASTIC MATERIAL OR WOOD,

with the possibility of upholstery with multiple types of coating. The polyurethane systems used have been specially formulated in collaboration with the world's leading manufacturers to achieve the best performance for every needs and are certified according to the strictest standards for combustion, smoke emission and harmfulness.





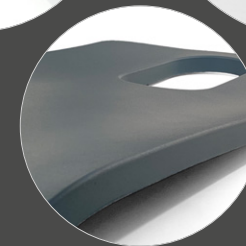
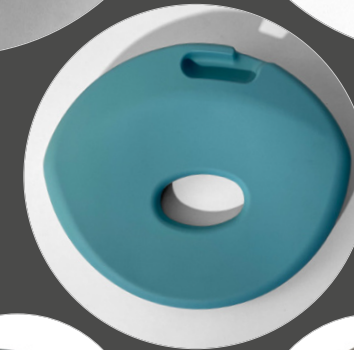
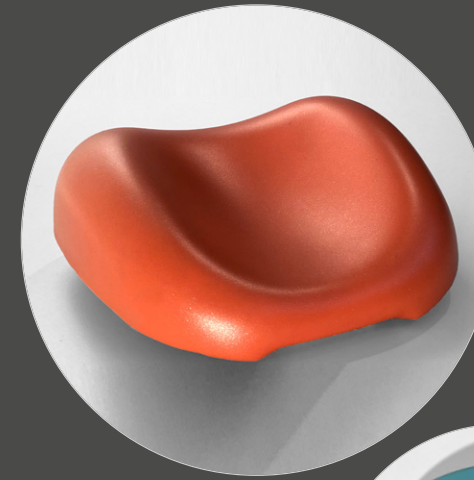
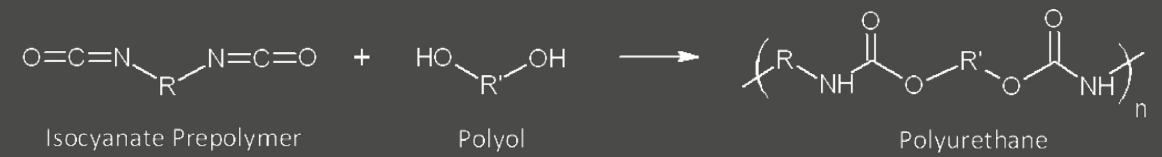
**THANKS TO MACHINERY
OF THE LATEST GENERATION,
EACH PRODUCT
IS PRINTED
WITH THE OPTIMAL
MACHINE PARAMETERS:**

ISO-POL, weight, flow rate, emulsion,
material temperatures and mould
temperatures.

The entire production of flexible
moulding is subjected to degassing
through the use of an autoclave
having the function of softening
and homogenizing the rubber.

**POLYURETHANE IS AN
EXTREMELY VERSATILE
POLYMER
WHICH ALLOWS
TO OBTAIN
A WIDE RANGE OF PRODUCTS
FOR A WIDE VARIETY OF USES.**

It is durable, functional, multipurpose,
insulating, paintable and can be
perfectly integrated with all materials.
Rigid polyurethane is a material with
high technical and aesthetic content.



Rigid and flexible moulded polyurethane applications are many
and range from interior design, biomedical and dentistry, industrial design, lighting,
beautician, fitness, to components for industrial and agricultural machinery.



Politecnica
foam technology

Politecnica s.r.l.
Via Liguria, 46 - 60030
Monsano (An) Italy
Tel. +39 0731.619116
info@politecnicasedili.it
www.politecnicasedili.it