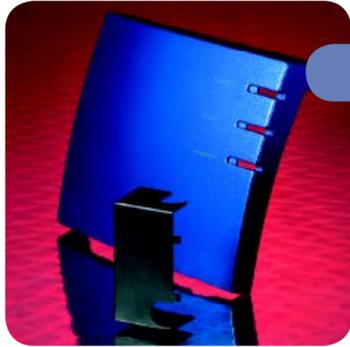




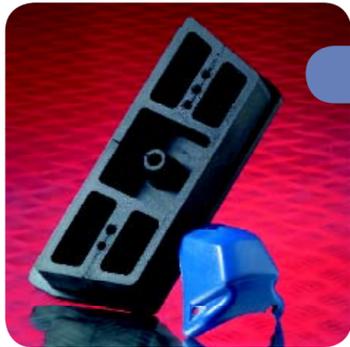
Flex integral

Flex integral is used traditionally in seat cushions, steering wheels, gear-lever knobs, etc. These are examples of the versatility of PUR. Hard cores, or parts made of metal or wood, can simply be moulded inside the fairly stiff PUR foam to achieve a combination of hardness and softness in a product. The "skin" can be embossed with a variety of different patterns.



Stiff integral

Panels in stiff integral for the vehicle and medicine industries are typical PUR products. Further examples are knobs and controls. A PUR surface can be painted to achieve higher UV resistance. The material is also available in different fire ratings.



Elastomers

PUR can be provided with properties that correspond to or are superior to those of rubber. It is suitable for mats (in cars, boats, entrances), damping strips, bumpers, non-slip application for stairs, handrails, etc. The material is also very suitable for electronic inserts.



Insulation

Favourable insulation ability is a further example of PUR foam versatility. PUR is equally effective for noise and shock absorption as it is for insulation against cold or heat. Using different additives the material can also be fire rated, made non-static, etc. A combination of the properties anti-static and shock absorbing is used for example in the manufacturing of packing for sensitive electronic items.



Loxitec, with more than 30 years experience, is one of the most comprehensive specialists in polyurethane in Scandinavia.

*PUR - The material for creative designing
(soft, hard - or somewhere in between -
the choice is yours)*

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LoxiTec

VERSATILITY

PUR – The material for creative designing (soft, hard – or somewhere in between – the choice is yours).

Large scope of possibilities in design and production in PUR

PUR (polyurethane) opens possibilities that make the most conservative draughtsman or art designer enthusiastic. By modifying the production technique this plastic material can be given any degree of hardness, from panel-hard to mattress-soft. Pressure of the material against the surface of the mould can give a product a "skin" that is bright, dull or patterned. There are exciting possibilities in connection with other materials. For example, sheet metal combined with PUR foam achieves astonishing strength. PUR adheres to metal, wood, ABS, PP, glass...

We have assisted draughtsmen and art designers for many years in everything from vehicle seats to covers for medical equipment; even soft Buddha images for interior decorators.



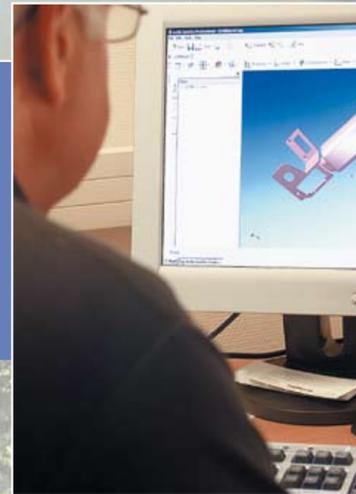
PUR in two widely different ways! Noise-absorbing motor suspension made of compression-moulded PUR foam for vacuum cleaners, and a workplace mat made of flex integral, being removed from their moulds. PUR features challenging versatility.



Shortcut to intelligent product development

The specialists of our suppliers of raw material, in cooperation with our designers, make sure that your product has the best overall solution, both with regard to production and the shape, colour and function that you desire. Resistant to chemicals and ageing; soft, tough, impact absorbing, antistatic, noise absorbing, resistance to saltwater better than rubber; resistant to temperature from minus 40°C to plus 120°C, or probably whatever you desire in your requirements specification.

Loxitec, the most comprehensive specialist in polyurethane in Scandinavia, offers contract manufacturing, technical skills and competence. To back us up we have 30 years of PUR experience. An advantage for you as our customer.



Alert customers utilise our stock of competence. The technical data was analysed and in this case resulted in a made-to-measure special tool for shock-absorbing packing for electronic parts. (Illustration above: injecting into the tool.)

KNOW-HOW

Saving through speed and flexibility

A partner with thirty years of experience in development and production of PUR products can save you both time and money. All our skill and competence in both material development and efficient production is at your disposal.

Uniquely for PUR, tooling is relatively simple. However, it is not by chance that many companies choose to make their prototypes and 0-series in PUR. The technique gives cost advantages in both small and large production series.



Economy is a matter of production know-how and the efficient use of existing resources. Our contract-manufacturing facilities include both highly automated lines for volume production and skilled personnel to effectively implement customer-adapted production.

ECONOMY