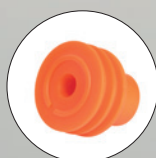


LIQUID SILICONE RUBBER (LSR)

In its global offer, PROGRESS can propose parts manufactured from medical or industrial-grade liquid silicone rubber (LSR).



This technology results in:

- Flasheless parts with no reworking
- Very short cycle times offering a very high production rate
- Very light parts (0.05g) with very thin walls (0.10mm)
- Direct injection into parts through a cold runner injection system (no wastage)
- Very good dimensional reproducibility and production quality
- Easy automation for demoulding using multi-cavity moulds (currently 32-64 cavities)
- LSR/LSR or thermoplastic/LSR moulding offering a 2K wide range of possibilities.

LSR is a ready-to-use material, produced through a combination of organic and inorganic chemistry. It is an elastomer with excellent mechanical and physico-chemical properties (DRC, elongation at break, resilient, resistant to temperature (-40°C to +250°C), UV, hydrocarbons, and is biocompatible).

PROGRESS offers an experienced team of qualified professionals available to assist you in optimising the design and manufacturing of your devices.

Our in-house mechanical workshop provides crucial support in producing and optimising your production mould, as well as rapid tooling and development of your prototypes within very short time.

Model industrial design and engineering expertise made PROGRESS the ideal partner for manufacturing best finality products at competitive price remaining attentive to your requests.