



RubberLine

# Liquid Silicone Rubber LSR and its unique characteristics

The application range of parts produced with LSR is huge!  
 LSR covers all industries: From buttons in the consumer sector over seals in the automotive to organically compatible parts in the medical industry ...

Abatek offers the traditional liquid injection moulding – LIM -  
 and LIM in combination with plastic - 2 components molding.



## Applications

- Safety-relevant
- High temperature
- Medical (also with skin contact)
- Consumer food & beverage
- Indoor & outdoor
- Sport & Lifestyle

## Key Data

- Hardness from 30 to 70 Shore A
- RoHs & REACH
- UL 94-HB
- Special material grades
  - Chemical grade
  - Medical / FDA grade
  - Optical grade



## Advantages

- Highly temperature resistant
- Great chemical resistance
- Excellent mechanical properties
- Crystal clear or colored
- High flexibility at high and low temperatures



## Features

- Seal cast directly onto plastic
- Overmolded housing with integrated membrane
- Integrated light guides
- And more..