

## Keypad for keyfob

**Automotive Industry**



keypad

carrier plate



finished part

### Requirements

- Flexible Keypad
  - o Water proof
  - o Dust proof
  - o Scratch resistant
  - o High abrasion resistance
- Finger guides
- Printed symbols
- Force-Travel Specification
- Consistent characteristics between -40 and +80°C
- Prevention of accidental usage
- Aesthetic Design

### Implementation

- Silicone keymat with integrated seal to protect the electronics
- High abrasion top-coat
- HTV silicone
- Funnel shaped actuator to
- Achieve the required tactile feeling
- Reduce accidental use
- Production of sub-assembly

### Company Details

- Long standing applications & process knowledge
- On-site application assistance
- Fast sample & production delivery due to in-house tool-making
- Short optimisation loops
- In-house raw material manufacture
- Customer driven logistics, local & worldwide storage, consignment stock
- TS16949, ISO14001