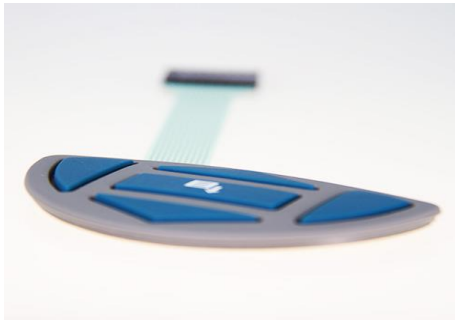


# SILICONE RUBBER KEYMATS & KEYPADS

## PRODUCT DATA SHEET



### KEY FEATURES

- Custom designed to your specification.
- Drawings and samples submitted for approval before volume manufacture.
- Product specific shore hardness, key travel and operational force.
- Range of colours achieved by base material or paint.
- Embedded tactile response via Mylar, Rubber, metal domes or fitted dome array.
- Laser etched for key location in backlit applications.
- Screen printing.
- Plastic key tops to improve durability and life cycle.
- Epoxy cured key tops for resilience between user and key.
- Fitted Polyester Circuit (PET) or Flexible Printed Circuit (FPC).
- Membrane, PCB or Panel mounted.

SHORE HARDNESS	TENSILE STRENGTH KG/CM	ELONGATION	TEAR STRENGTH
35-80A	50-80	>100%	>9KG/CM2
OPERATING TEMPERATURE	OPERATING FORCE	LIFE CYCLE	CONTACT RESISTANCE
<20C>180C	40-350GRM	UP TO 10,000,000	<100 OHMS
CONTACT BOUNCE	CONTACT RATING	INSULATION RESISTANCE	Specification will differ according to design
<12 MILLISECONDS	<10MA@12VDC	10/20HMS@500VDC	

### KEY MARKETS



MEDICAL



AUTOMOTIVE



AEROSPACE



SECURITY



ACCESS CONTROL



MILITARY



MARINE



CONTROL PANELS



INSTRUMENTATION



RAIL



POWER DISTRIBUTION



POINT OF SALE