

Excellence in Adhesive, Sealant and Encapsulant Manufacturing

YOUR BENEFITS

- +Process consulting and on-site support
- + Customised product development
- + Label free products
- + CMR free products
- + Odorless acrylates
- + Direct supply

OUR MARKETS

- + Lightweight / Composites
- + E-Mobility / Electric Motors
- + Electronics
- + Fluid Technology
- + Bus, Truck & Rail (BTR)/ Automotive
- +Loudspeaker
- + Maintenance, Repair & Overhaul (MRO)

OUR PRODUCT RANGE

- + Adhesivesand sealants:
 (Meth)Acrylicstructuraladhesives
 Epoxystructuraladhesives
 Anarobicadhesives
 Cyanacrylateinstant adhesives
 Silicones
- + Encapsulants: Polyurethane Epoxy

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Adhesives and Encapsulants for E-Mobility





BONDING +
SEALING +
ENCAPSULATION





Application Areas & Key Products

Adhesives



onding of permanent magnets



Securing of bolts and nuts motor housing assembling



Power Electronics

Charging Stations

Bonding of sheet metal Bonding of electrical steel packages, commutators and laminations bearings

ANAEROBIC

fast curing, high strength,
NSF certified

4453

fast curing, temp. resistant, high strength, DVGW & NSF certific.

4920 Activator(solvent free)

EPOXY

black, pasty, high tempera-

ACRYLATE

1039/1090

no-mix, medium viscosity, very fast curing, impact resistant

1320

fast curing, high strength, low odour

1810

non-sag, high impact resistance, low odour, good bonding to metal, ferrite, glass, ceramic

DUAL CURING

2453

dual-cure, low viscosity, temperature resistand, high strenght

Encapsulants



Electrical Motor



High-Voltage Batteries

POLYURETHANE CMR-FREEVERSIONSAVAILABLE

8503 + 8901

Thermal conductivity of 1.5 W/mK, low-viscosity, UL94-V0, medium hardness

8513 + 8973

Thermal conductivity of 2.6 W/mK, self-levelling, UL94-V0

8519 + 8973

Thermal conductivity of 3.5 W/mK, self-levelling, UL94-V0

EPOXY

7500 + 7920

Thermal conductivity of 1.2 W/mK, self-levelling, good chemical resistance, cold curing

GAPFILLER

8791 + 8991

1:1 mixing ratio, good flowability, 1.0 W/mK

8792 + 8992

1:1 mixing ratio, Bridges gaps, 2.0 W/mK

8793 + 8993

1:1 mixing ratio, easy to apply, 3,0W/mK

1K PASTE

8702

Thixotropic, non-drying, 2.0 W/mK, silicone-free

8

High temperature resistance, silicone-free, 3.5 W/mK

Success Stories & Customer Benefits



Project: Bonding of pocket magnet

Product: 2453

Benefit: Fixture time saving of 66 % due to very fast UV curing



Project: Magnet bonding retarder

Benefit: First handling strength

Product: 1039/1090

already after 30 seconds

housing

Product: 7440

Benefit: Gap filling of 5 mm due to large magnets

Project: Permanent magnet in motor



Projekt: Stator Encapsulation (Industrial Motor)

Produkt: 7500 + 7920

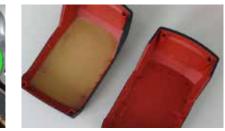
Nutzen: Increase of e-motor efficiency due to lower peak temperatures



Projekt: Encapsulation of Rotor Positioning Sensor

Produkt: 8500 + 8973

Nutzen: Very good flow properties and low density despite high thermal conductivity



Projekt: Battery casting of Accumulaor Machine

Produkt: 8605 + 8973

Nutzen: Improved thermal management during operation and charging phase

KISLIN

- + Manufacturer of adhesives, sealants & encapsulants
- +>70 employees worldwide
- +>40 distributors in more than 25 countries

- + Revenue 2021: >20 Mio. CHF
- +>200 products, Swiss made