



**PU 700 MV**



#### ■ PACKAGING

310 ml aluminium cartridges  
600 ml sausages.

#### ■ TYPICAL PROPERTIES

**Appearance:** Thixotropic paste

**Color:** Black

**Density at 20°C:** 1.19 + 0.05

**Application temperature:** 5 to 35°C

**Skin formation time:** 40 - 60 min (at 23°C and 50% HR)

**Cure time:** > 3.5 mm / 24 h (at 23°C and 50% HR)

**Final Shore A hardness:** > 55 (ISO 868 – 3 secs.)

**Modulus at break:** > 6 Mpa (> 900 psi) (ISO 37)

**Shearing resistance:** > 3.5 Mpa (>500 psi) (at 23°C and 50% HR)

#### ■ DESCRIPTION

**PU 700 MV** is a one component polyurethane based elastomeric adhesive & sealant which cures under the effect of atmospheric humidity. By this reaction, the product changes from a paste to an elastomeric state with high tensile strength.

#### ■ USES

- **PU 700 MV** can be used for windshield bonding in the car industry.

#### ■ SURFACE PREPARATION

The windshield has to be treated as follows:

- On raw glass clean with the degreaser CLEANER 1001 and then apply the Combo Primer.
- On ceramic frit glass, degrease with ethanol and then apply the Combo Primer.
- On encapsulated windshield, degrease with methylethylketone (MEK) or acetone (do not use alcohol) and then apply Combo Primer.
- On windshield coated with a primer, degrease with MEK or acetone.
- Never clean the old sealant with a solution containing alcohol.

#### ■ BONDING

- When the primer is completely dry (after 10 to 15 min, or more under 20°C) **PU 700 MV** can be applied with a pneumatic or a hand gun and pressed on the second substrate before the end of the tack free time.
- Take care that this time (which decreases when temperature increases) is not exceeded.
- The shape of the joint is given by the nozzle
- Do not apply at a temperature under +5°C. In cold weather, store the cartridges at 20°C before use.
- Do not apply on silicones or in presence of polymerised silicones or hybrid sealants (MS or SPUR).

## ■ FOR BEST RESULTS

- 12 months in the original, hermetically sealed packagings between 5 and 25°C .

## ■ CLEAN UP

Tools can be cleaned with xylene, MEK or acetone before the sealant has completely cured. After curing abrasion is necessary.

## ■ NOTE

The above technical information is based upon our best knowledge and we shall not be hold liable for any mistake, omission, lack of information due to technical changes between the issue of this TDS and the date the product was acquired. This technical information is strictly indicative and nonexhaustive as well as any information given over the phone. The end user must test the product with its substrate prior using it and verify that it is suitable for the application. If the end user needs more technical information on the product, he must contact the vendor or manufacturer prior using it for its recommended application or for a specific project.

Our liability is subject to the current law and regulations as well as the professional association standards and according to our general terms and conditions of sales.

**FOR INDUSTRIAL USE ONLY: BEFORE USE, REVIEW MATERIAL SAFETY DATA SHEET FOR FURTHER INFORMATION, INCLUDING CHRONIC HEALTH EFFECTS.**

**KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. KEEP CONTAINER TIGHTLY CLOSED. FOR MORE INFORMATION CONSULT MATERIAL SAFETY DATA SHEET.**



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