

# PA 1801 High bonding Windshield Polyurethane Adhesive

## Advantages

Bond very well with surface of variety material such as all kinds of metal, lumber, glass, polyurethane, epoxy, resin, and coating material, etc. Good cohesive force and durable elastic sealing performance

One component adhesive convenient to apply with rapid curing speed

Excellent water, weather and aging resistance

Excellent wear-resisting property, high tear strength

Paintable and polishable

No sag

Primer require

PROPERTY	PA 1801
Appearance	Black
Density (g/cm <sup>3</sup> )	1.25±0.05
Tack Free Time (min)	10min~40min
Curing Speed (mm/d)	3.0
Elongation at break(%)	>400
Hardness (Shore A)	60
Tensile strength(MPa)	≥8
Shear Strength(MPa)	≥4.5
Tear strength( N/mm)	20-25
Non-volatile contents	98
Operation Temperature ( °C)	5-35 °C
Service Temperature ( °C)	-40~+90 °C
Shelf Life (Month)	9

### Storage Notice

1. Sealed and stored in cool and dry place.
2. It is suggested to be stored at 5~25 °C, and the humidity is less than 50%RH.
3. If the temperature is higher than 40 °C or the humidity is more than 80%RH, the shelf life may be shorter.

### Packing

310ml cartridge  
400ml/600ml sausage  
20pcs/box

## Applications

Specially used for windshield and side glass of bus, car, railway vehicle (metro, high-speed rail), ship, spaceflight, engineering machinery vehicle, carriage and special vehicle

For glass steel and plastic accessories (car roof, side body and car front)

For bonding different material (such as metal, plastic, and glass) which requires high tensile strength and elasticity, the bonding can bear high mechanical deformation force

## Operation

**Clean before operatin:** Clean and dry all surfaces by removing foreign matter and contaminants such as oil dust, grease, frost, water, dirt, old sealants and any protective coating. Dust and loose particles should be cleaned.

### Direction of operation

Tool: Manual or pneumatic plunger caulking gun

#### For cartridge

- 1.Cut nozzle to give the required angle and bead size
- 2.Pierce the membrane at the top of the cartridge and screw on the nozzle

Place the cartridge in an applicator gun and squeeze the trigger with equal strength

#### For sausage

- 1.Clip the end of the sausage and place in barrel gun
- 2.Screw end cap and nozzle on to barrel gun
- 3.Using the trigger extrude the sealant with equal strength

### Attention of operation

Wear suitable protective clothing, gloves and eye/face Protection. After contact with skin, wash immediately with plenty of water and soap. In case of accident or if you feel unwell, seek medical advice immediately

## Warranty and Liability

All product properties and application details based on information are ensured to be reliable and accurate. But you still need to test its property and safety before application. All advices we supply can't be applied in any circumstances.CHEMPU don't make assurance of any other applications outside the specification until CHEMPU supply a special written guarantee.CHEMPU is only responsible to replace or refund if this product is defective within the warranty period stated above.

CHEMPU makes it clear that will not take responsible for any accidents.