



- » Simple and safe process for the user
- » One product for all applications
- » Saves time and money
- » OEM certified

Use of PT PLUS products	PT 700 PLUS PT 725 PLUS	PT All-in-1 PLUS	PT 750 PLUS
Windscreen without silk print	✓	✓	
Windscreen with silk print	✓	✓	✓
Precoated windscreen		✓	✓
Windscreen with remaining polyurethane		✓	✓
Bare car body (new paint)	✓	✓	
Common plastic surfaces (Macrolon, Lexan)*		✓	

Correct pre-cleaning of the surfaces provided.  
Please respect the flash-off periods given in our technical data sheets!  
\*Pre-tests are recommended

Products and characteristics	PT 700 PLUS primer-cleaner	PT 725 PLUS glass-paint primer	PT 750 PLUS activator	PT All-in-1 PLUS glass primer/activator
Promotes adhesion in preparation for bonding	✓			✓
Protection against UV radiation Extremely scratch-resistant surface when dry Short flash-off period		✓		✓
Cleaner and primer in one work process Activator for PU remaining bead and PU prelamated screens Short flash-off period			✓	✓
Applicable on plastic screens (Lexan, Macrolon, etc.)				✓

**Our adhesives comply with automobile manufacturer specifications and approval (OEM supplier quality).**  
Note: The stated drive-away times are based on optimum pre-conditions of 23° C ambient temperature and 50 % air humidity.  
At lower ambient temperature or air humidity the time required before driving the vehicle may be increased accordingly (see notes on cartridge).

**PMA  
TOOLS**

#### Head Office

**PMA/TOOLS AG**  
Siemensring 42  
47877 Willich/Germany  
Tel.: +49 2154 922230  
Fax: +49 2154 922255  
E-mail: [info@pma-tools.de](mailto:info@pma-tools.de)  
[www.pma-tools.de](http://www.pma-tools.de)

#### Subsidiaries

**PMA/TOOLS FRANCE**  
Z.A.-214, rue de la Warnave  
59850 Nieppe  
Tél.: +33 320 970249  
Fax: +33 320 326140  
E-mail: [info@pma-tools.fr](mailto:info@pma-tools.fr)  
[www.pma-tools.fr](http://www.pma-tools.fr)

**PMA/TOOLS USA**  
201 Mills St.  
East Flat Rock  
NC 28726, USA  
Tel.: +1 828 2334060  
Fax: +1 828 2334070  
E-mail: [info@pmatools.com](mailto:info@pmatools.com)  
[www.pmatools.com](http://www.pmatools.com)

**PMA/TOOLS ESPAÑA**  
Sta. Margarida de Boada Vell 7-9  
P.I. Riera de Caldes, Nave 12  
08184 Palau-solità i  
Plegamans (BCN)  
Tel.: +34 93 8648517  
Fax: +34 93 8640020  
E-mail: [info@pma-tools.es](mailto:info@pma-tools.es)  
[www.pma-tools.es](http://www.pma-tools.es)

Stand: 12/2019

**PMA  
TOOLS**

Adhesives

Reliable. **Service that ensures success.**



## Convincing. Products that deliver what they promise.

\_\_Competency bonds: You can rely on PMA/TOOLS as an experienced adhesive specialist.

Whether you need contact and reaction adhesives or fast-curing products, we have everything that you need for professional automotive glass replacement.

Why not profit from the compatibility of our products, as all PU adhesives from our range can be combined with our primers, cleaners and activators.

### PT PLUS adhesives provide highest quality features:

- >> Our products comply with automobile manufacturer specifications and approval (OEM supplier quality).
- >> short drive-away times (complies with FMVSS 212/208)
- >> excellent processing properties
- >> can be used for mobile, as well as workshop applications
- >> compatible with PT PLUS primers, cleaners and activators

\_\_Windscreens on today's vehicles are designed to be part of the structure of the vehicle and also act as a support for passenger air-bag inflation, helping to protect the vehicle occupants in the case of a collision. This can only be ensured when using the correct high-quality adhesives and primers to achieve the required bond between the vehicle body and glass.

Our PT PLUS range of adhesives and primers have been specially developed to meet the stringent requirements for the automotive replacement glass industry.



### PT 290 PLUS HM/LC

PT 290 PLUS HM/LC is a high modulus 1-component polyurethane sealant for bonding vehicle wind-screens. It cures very quickly in ambient temperatures by reaction with air humidity.

- fast-curing - can be processed cold
- short drive-away times according to US Standard FMVSS 212/208
- excellent stability and easy to process
- short thread tear
- used on vehicles with integrated antenna
- reduces contact corrosion on aluminium car body
- fulfils or exceeds OEM standards, suitable for all vehicles

Article number	Capacity/ml	Drive-away time/minutes	Content	Item/unit
<b>13345003</b>	310	60	12	cartridges
<b>13345004</b>	400	60	20	bags
<b>13345005</b>	600	60	20	bags

### PT 290 PLUS HM/LC Kit

This product is also available as a kit with:

- PT 750 PLUS glass activator (30 ml), gold wire (2 m) + cartridge nozzles
- Art. no. 13345006**



### PT SAFE PLUS HM/LC

PT SAFE PLUS HM/LC is a high modulus 1-component polyurethane sealant for bonding vehicle windcreens. It cures very quickly in ambient temperatures by reaction with air humidity.

- fast-curing - can be processed cold (processing temperature 5°C to 50°C)
- safe drive-away time of 30 minutes (temperature-independent between -10°C and 35°C) according to US Standard FMVSS 212/208
- skin-forming time approx. 10 minutes
- open time approx. 8 minutes
- excellent stability and easy to process
- extremely short thread tear
- suitable for all vehicles
- antenna suitable
- primer-free with PT All-in-One PLUS

Article number	Capacity/ml	Drive-away time/minutes	Content	Item/unit
<b>13345076</b>	310	30 / 30	12	cartridges
<b>13345077</b>	400	30 / 30	20	bags



### PT 700 PLUS primer-cleaner

Solvent-containing, transparent, adhesive detergent for cleaning glass silk print. Removes all hazardous material such as grease, wax and other contaminants and thus creates a basis for a secure quality glass bonding.

- short flash-off period
- easy to apply

Drying time: without wipe-off 5 minutes min., with wipe-off 3 minutes min.  
Active time of treated surface: 1 hour max.

Article number	Capacity/ml	Content	Item/unit
<b>13345031</b>	250	1	piece
<b>13345031-12</b>	250	12	pieces

### PT 725 PLUS glass-paint primer

Solvent-containing glass and body composite primer for application to the silk print and paint of the bodywork.

- protects against polyurethane damaging UV radiation
- short flash-off period
- extremely scratch-resistant when dry

Drying time: 15 minutes min.

Primer activity: after application up to 8 hours

Article number	Capacity/ml	Content	Item/unit
<b>13345034</b>	100	1	piece
<b>13345033</b>	250	1	piece
<b>13345034-10</b>	100	10	pieces
<b>13345033-12</b>	250	12	pieces



### PT 750 PLUS activator

Transparent solvent-based glass and PU activator for black primer-free gluing of vehicle windcreens. PT 750 PLUS is a cleaner, transparent primer and activator combined in one product.

It is applied on the remaining beading to activate the old polyurethane. PT 750 PLUS is also used for cleaning and improving adhesion with all surfaces such as glass silk print, paintwork, remaining beads and windcreens pre-laminated at works.

- cleaner and coupling agent on the silk print in one work process
- activator for the PU remaining bead on the bodywork and for PU prelaminated screens
- short flash-off period

Drying time: 5 minutes min.

Active time of treated surface: 1 hour max.

Article number	Capacity/ml	Content	Item/unit
<b>13345038</b>	30	1	piece
<b>13345035</b>	250	1	piece
<b>13345038-12</b>	30	12	pieces
<b>13345035-12</b>	250	12	pieces



### PT All-in-1 PLUS

PT All-in-1 PLUS is a combined glass primer/activator with a short flash-off period. It can be applied to the silk print area and the old sealant (remaining bead) of windcreens, back- and sidelights, but also to the bodywork and on freshly painted surfaces. It protects the polyurethane against UV radiation and ensures a high-quality bonding.

This all-inclusive one-step product reduces the need for additional primers, activators or cleaners. Can be applied on all known plastic screens (Lexan, Macrolon, etc.)

Evaporation time on glass, ceramic layer, paint: approx. 5 minutes

Evaporation time on encapsulation and remaining beads: approx. 15 minutes

Primer activity on encapsulation and remaining beads: up to 1 hour after application

Primer activity on glass: up to 8 hours after application

Article number	Capacity/ml	Content	Item/unit
<b>13345048</b>	30	1	piece
<b>13345043</b>	100	1	piece
<b>13345044</b>	250	1	piece
<b>13345048-12</b>	30	12	pieces
<b>13345043-10</b>	100	10	pieces
<b>13345044-12</b>	250	12	pieces

