



PEGUS P400H

[TECHNICAL DATA SHEET](#)

TYPE OF PRODUCT

PEGUS P400H is a single component polyurethane sealant of high viscosity which cures by the action of air moisture. By this reaction, the product changes from a pasty to an elastomeric state with high tensile strength.

AREAS OF APPLICATION

PEGUS P400H is used for bonding windshields in the auto glass replacement industry.

TECHNICAL DATA

Consistency	Thixotropic paste
Colour	Black
Density (DIN 53479)	1.25 ± 0.05
Stability (non-sag properties)	Very good
Extrusion rate at 23 °C	50-70 g/min, measured after 24 hours with a nozzle of 4 mm and 4 bars pressure. Extrusion rate will decrease till end of shelf life.
Skin time formation at 23 °C and 50% RH	10 - 30 min
Cure rate at 23 °C and 50 % RH	4.0 mm ± 1 mm /24 hrs
Shore A hardness (DIN 53505)	60 ± 10
Shear strength	≥ 4.0 N/mm ²
Tensile strength (DIN 53504)	≥ 7.0 N/mm ²
Elongation at break (DIN 53504)	≥ 250%
Water and salt spray resistance	Very good
Service Temperature	-40° to 90°C
Shelf life (15° - 25°C)	9 months

INSTRUCTIONS

Substrates preparation:

- On bare glass, clean with Pegus C1 degreaser.
- On ceramic frit bands, degrease with ethanol. Pegus primer may be necessary for optimal adhesion to some frit bands.
- For encapsulated windscreens, please contact our technical service.
- Never clean the old sealant with a solution containing alcohol.



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Bonding :

- Do not apply at temperatures under 5 °C. In cold weather, store the cartridges at approximately 20 °C before use.
- Once P400H is applied to the glass or pinch weld, it must be pressed onto the second substrate before the end of the tack free time. This time decreases as temperature increases.
- While P400H is curing, avoid any contact with non-cured MS, hybrid PU or silicone sealants, as well as alcohols or ammonia.

Cleaning :

- Tools can be cleaned with xylene, MEK or acetone before curing.
- After curing, mechanical cleaning is required.
- When using cleaner, primer or cleaning solvent, keep away from all sources of ignition and carefully follow the safety and the handling instructions given by the manufacturer.

PACKAGING

310 ml aluminium cartridges
400 ml aluminium foil packs
600 ml aluminium foil packs

STORAGE AND SHELF LIFE

9 months in hermetically sealed original cartridges or sausages between 15 and 25°C

SAFETY

Harmful. Read material safety data sheet before use.

Note :

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests or trials in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.