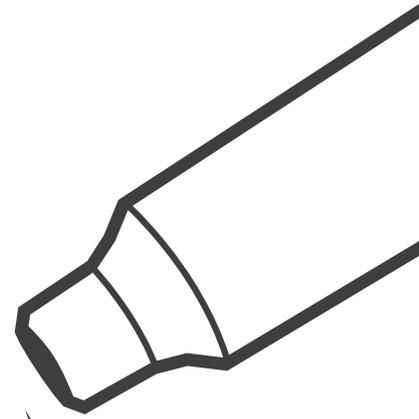


E 2022

PETEC



BONDING

SECURING

SEALING

CLEANING

DISSOLVING

LUBRICATING

PROTECTING





PETEC is a medium-sized, modern and forward-thinking company located in Schlüsselfeld – Upper Franconia.

Our extensive range of chemical products gives our customers the right products for professional and perfect results. Ever since the company was founded in 1991 we have been focused on quality and the continual development of new techniques which has been key to our success in the market place.

The strength of the relationships we have with our customers means we can offer a premium service and support, a quality management system, certified products, advice on use and training, as well as adding value to ongoing product development and system solutions.

CORPORATE PRINCIPLE FOR PROTECTING THE ENVIRONMENT AND RESPECTING HUMAN RIGHTS

We are aware of our responsibility to protect the environment and respect human rights. Along our value chain and throughout our general business processes, we ensure compliance with generally applicable ethical principles. We meet our duty of care and refrain from any activity that prevents us from doing so.



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OUR PERSONAL SERVICE



AVAILABLE TO YOU IN PERSON

by telephone / email / live chat / online meeting



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email: info@petec.de



TECHNICAL SUPPORT



Telephone: +49 95 55-80 99 419
email: technik@petec.de



COMMERCIAL & TECHNICAL ADVICE
on site from our field service team



<https://www.petec.de/unternehmen>



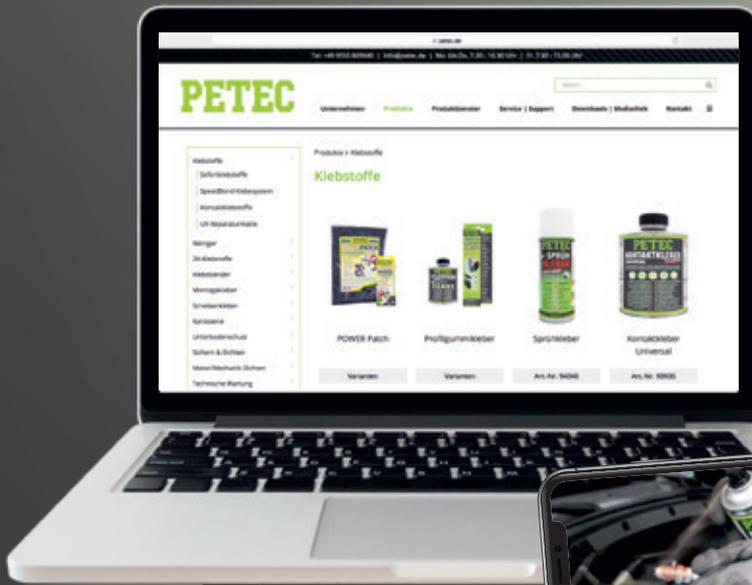
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Petec Verbindungstechnik GmbH



Petec Verbindungstechnik

OUR PRODUCT ADVISOR IN THE APP STORES



APPLE
STORE



ANDROID
STORE

OR AT PETEC.DE/PRODUKTBERATER



PRODUCT ADVISOR

What do you want to bond?

Our professional product advisor shows you the right PETEC products for every application. Also available as an app!



INFO & DATA SHEETS

No matter whether application instructions, safety data sheets or product images – you can find everything you need to know about our products in our download area.



APPLICATION VIDEOS

We show you exactly how to apply our products and what to look out for.

PRINCIPLES & TERMINOLOGY OF ADHESIVE TECHNOLOGY

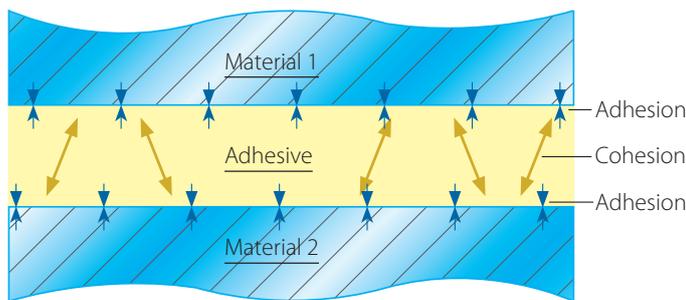
History of adhesive technology:

Adhesive technology is a joining method that has been around since 3,000 BC. Even back then, the people of Mesopotamia were using animal proteins (glue pot profession), plant resins, asphalts and other animal products (honey, gelatine, etc.) to join dissimilar materials. Adhesive technology, then, is one of the oldest joining techniques known to mankind!

Advantages of adhesive technology:

1. Joins dissimilar materials together and to one another
2. Weight saving
3. Convenient
4. Protects against rust and contact corrosion
5. Corrections possible
6. No expensive outlays
7. No fire risk
8. No material deformation
9. Low disassembly effort
10. No negative effects on the material properties (e.g. heat influence, welding, drilling)
11. Facilitates an additional benefit (sealing, vibration insulation, no contact corrosion, etc.)
12. Automation capacity as a mechanical production process

Adhesive strength diagram



Adhesion: Adhesion is defined as the bonding of identical or dissimilar materials to one another. In order for materials to join with one another, they must be capable of bringing their surfaces close enough together. The more contact points there are, the stronger the adhesion. This is how the adhesive force acts between the adhesive and the material.

Adhesion failure: The adhesive detaches from the material. This is not suitable for the material or the pre-treatment was inadequate.

Cohesion: The surfaces of liquids and solids are characterised by inward forces acting upon them. The process is described as a cohesive force between the molecules. The forces call for work to be done to bring another molecule to the surface of a liquid or solid. To increase the surface area, energy (force/work) is therefore required. This energy is described as surface tension or interfacial tension. Cohesion, then, describes the internal strength of the adhesive.

Cohesion failure: The adhesion is greater than the internal strength of the adhesive. The fracture pattern shows that the adhesive itself has broken.

Influencing factors and material compatibility:

Our diverse product range is used for numerous applications and under very different conditions. The conditions on site (air vapours, dust, damp walls, materials, etc.), the environmental influences (weather, humidity, temperature) and the various working methods of users can have a considerable impact on the products. All of these parameters and variables have a significant influence on the product and can therefore lead to different results. This is the reason why we recommend that you carry out your own tests and refer to the technical data sheet in all cases.

OUR ADHESIVE TYPES:

Contact adhesives are solvent-based adhesives that have to be applied on both sides. Bonding is done after the flash-off time has been observed.

CA adhesives are instant adhesives and react to moisture in the ambient air in a split second.

1-component adhesives harden from the outside in under the influence of humidity. The thicker an adhesive layer is, the longer the adhesive needs to harden.

2-component adhesives harden under the influence of resin and hardener. This is a hardening process defined by chemicals.

Anaerobic products harden only between two metallic surfaces in the absence of air.

UV adhesives harden by reacting to UV radiation.

Pressure Sensitive Tapes (PSA) are pressure-sensitive permanent adhesives such as adhesive tapes.

ADHESIVE AND

SEALANT TERMINOLOGY:

Bonding is a joining process during which two parts are joined together by means of an adhesive.

Viscosity is a product's consistency or toughness. The lower the viscosity, the thinner the product. Conversely, the higher the viscosity, the more viscous the product.

Initial adhesion describes the ability or force of an adhesive to adhere to a material.

Wet life is the time allowed between the adhesive being discharged and the part being bonded or joined.

Application time is the time within which bonding must take place. The pot life varies from product to product and must be strictly respected.

Skin forming time describes the time from which the air-moisture hardening adhesives have drawn a skin. Bonding must take place within this time. Exceeding this time can lead to adhesion problems.

Pot life is the application time of 2-component products. These products react under the influence of resin and hardener. The hardener forces the resin to harden. To guarantee adhesion and the chemical reaction, bonding must be carried out within the specified pot life.

Mixing tubes achieve a perfect mixing ratio and are matched to the products concerned.

Flash-off time: Concerns solvent-based products. This time needed until the solvent has completely evaporated and the material can be further processed or the function is guaranteed.

Temperature resistance is an adhesive's heat resistance or resilience.

Tensile shear strength describes the force between the bonded joint (defined method of measuring the adhesive force under laboratory conditions).

Hardening time describes the period required for a chemical product to completely harden and stop reacting.

Storage: Chemical products are stored at low and constant temperature away from sunlight.

CORRECT PREPARATION AND BONDING

Pre-treatment: The basis of any bond is the correct pre-treatment (sanding, cleaning and adhesion). We can guarantee strength values and a long-lasting bond only with correct pre-treatment.



Cleaning: Before using adhesives and sealants, we recommend our Multi Cleaner (item no. 82100 and 82200) for cleaning surfaces. These products are residue-free cleaners that are closely matched to our products. Commercially available cleaners, brake cleaners and all-purpose cleaners are not suitable for pre-treatment.

Wetting/surface energy: A material's wettability depends on its surface energy. As a rule, the lower a material's surface energy, the less effective the adhesive.

Low-energy materials: These are materials that are extremely difficult to bond due to their composition. They include plastics, such as PE, PP, PA, POM and many more. Low-energy materials require special pre-treatment and a high-quality adhesive.

Plasticisers: Substances that make plastics and plastic mixtures more elastic. They make plastics more difficult to bond.

Adhesion promoters:

Adhesion can be improved by the following measures:

MECHANICAL:	Grinding, brushing, sandblasting
THERMAL:	Heating or flame treatment
WET CHEMICALS:	Cleaning, priming or activating
CHEMICAL:	Plasma irradiation

WINDOW ADHESIVE – BEAR IN MIND WHEN USING:

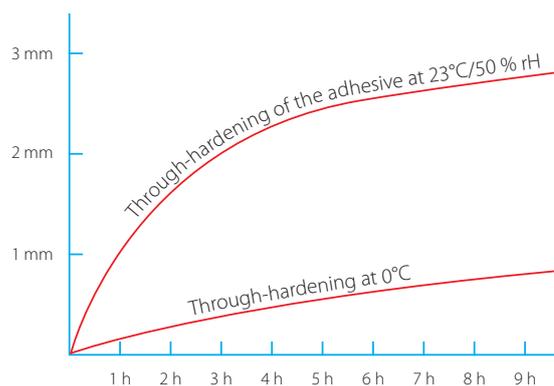
When glazing a motor vehicle, several steps are required to glue a window securely and firmly into the vehicle. Occasionally, application mistakes are made and these can impair the result. We explain to you what you need to bear in mind when using window adhesive.

Hardening

Our window adhesive is a **1-component adhesive** that hardens from the outside in. The drive-away time of 2 hours is based on a temperature of 23°C and 50% humidity. Therefore, this is always dependent on the application temperature of the adhesive, the materials and the conditions.

What does drive-away time mean?

The drive-away time of 2 hours does not mean that the adhesive has completely hardened after 2 hours, simply that the vehicle will pass the crash test specified by the TÜV (Technical Inspection Association). To be borne in mind: Hardening the adhesive at inadequate temperatures can be slow or even stop altogether.



- ▶ PETEC window glazing products should not be applied below +5°C!
- ▶ Drive-away time, through-hardening and flash-off times depend on temperature and humidity.

Window adhesive does not adhere to the window

There are several reasons for adhesive failing to adhere to the window correctly. The main one is that the window has not been properly prepared. Reasons include:

The window was not adequately cleaned or pre-treated.

A major problem with the adhesion of window adhesives is **silicone contamination**, i.e. the window becomes contaminated with barely visible silicone residues. Silicone contamination occurs during the manufacturing process and deposits on the window or bonding surface. This process can be intensified by the plastic edge protector and the sealing of the window. It is therefore essential that the window is sufficiently sanded and cleaned. Silicone residues act like a release agent and the adhesive adheres to the silicone instead of to the window. The primer is applied only after the silicone contamination has been completely removed and the measures have been checked.



Silicone residues can be detected using this trick: Spray the adhesive surface with water. The water will noticeably bead off wherever silicone is still present. The bonding surface must then undergo further cleaning and preparation. How can the silicone residues be removed completely? Please first sand the adhesive surface with an abrasive fleece. Stubborn silicone contamination must be removed using our Sealant & adhesive remover spray (item no. 82150). Then clean using our cleaning cloth (item no. 82111) or Multi Cleaner (item no. 82100/82200) and be sure to allow 10 minutes for flash-off. Now rub again with a clean, dry cloth.

The primer was not applied correctly.

Shake the primer well and apply it uniformly in one direction to the adhesive surface of the glass window. Shake the primer well until the contents have been uniformly mixed and can be applied in deep black. Apply several coats of the primer if required.

The flash-off time of the cleaner or primer was not sufficiently observed.

It is important to observe the flash-off time for cleaner and primer so that the solvent can evaporate from the products. Otherwise, the product or the remaining solvent will work against the window adhesive and prevent it from wetting.

The wrong cleaner was used.

All-purpose cleaners and glass cleaners (surfactants) are not always suitable for pre-treating window adhesives. Here, too, the cleaner can act as a release agent and cause adhesion problems.

FREQUENTLY ASKED QUESTIONS

General information:

All information about the company, points of contact, products, promotions and relevant information can be found at: www.petec.de on our website. If you have any questions, please feel free to call us during our opening hours:

Monday to Thursday 07:30 – 16:30 | Friday 07:30 – 13:00
Phone: +49 95 55-80 99 40 or by
email: info@petec.de

Filling date or BBD?

Generally, our products are always delivered with a bottling date. This is either written out, e.g. Day.Month.Year or appears as year/calendar week. You will find the date printed or stamped on the product or the packaging.

01/01/2020

DAY / MONTH / YEAR

20/01

YEAR / CW

Product certifications:

Many products are approved and certified for safety-critical applications. You can find the corresponding certificates on our website at: www.petec.de



PETEC product data

We will be happy to provide you with our product-specific data in digital format. Furthermore, we are a TECDOC data supplier.



Free sale of our products to the private user:

Our products are REACH-compliant in accordance with the CLP Regulation with regard to the product specifications (tactile warning triangle, child closure and labelling texts and symbols). The products are correctly labelled and may therefore, with just a few exceptions, be offered and sold to the "general public" off the shelf or online.

Hazardous goods shipping of PETEC products (ADR):

With just a few exceptions, our products fall under the "Limit Quantity" (LQ). The dangerous goods regulations therefore do not apply. We will be happy to provide you with product-relevant data concerning ADR.

Technical Support:

You want to bond two materials together or are looking for a suitable product for a particular application? Use our PETEC app with the PETEC product advisor. You can select and search for materials or applications.



Do you need one-to-one advice for your application?

Contact us so we can find a solution together. We are happy to answer technical questions quickly and free of charge by phone, e-mail, chat or video.

Telephone: +49 95 55 80 99 419
Email: technik@petec.de

Would you like to attend one of our training courses?

Contact your specialist dealer or send an e-mail to:
Email: technik@petec.de



Distribution structure:

We sell our products through specialist and online retailers.

Can I become a customer or purchase goods from you?

If you are interested, please contact us with your full contact details at:
Telephone: +49 95 55 80 99 40
Email: info@petec.de

Where can I find the prices?

Please approach your specialist dealer or contact us at:
Telephone: +49 95 55-80 99 4-11 or -12

Where can I get the products?

Thanks to our wide distributor network, products can be obtained at short notice and throughout the country from specialist dealers and online retailers. We will be happy to provide details of your local dealer. Do not hesitate to contact us at:
Telephone: +49 95 55-80 99 40

Will the dealer have the products in stock?

Our distributors often stock our goods or can obtain or order them at short notice.

International

Our product strategy includes up to 20 languages. We will be happy to provide details of your local dealer. Please contact us directly at:

Email: export@petec.de

How do I become a customer/dealer/distributor?

If you are interested, please contact us with your full contact details at:

Email: info@petec.de

How to order:

We are happy to accept orders:

Telephone: +49 95 55 80 99 40

Email: info@petec.de

**If you have any questions about your order:**

Contact our sales department by phone at:

+49 95 55-80 99 4-11 or -12

Delivery time:

The goods are available from stock at short notice.

Incomplete delivery:

This can be due to:

- the consignment may consist of several parcels, and not all of them have arrived yet
- partial quantities/items are behind schedule and will automatically be delivered at a later date

Purchase quantities:

It is not necessary to purchase entire packaging units.

Point of contact:

You can find your point of contact on our homepage under "Company / Sales / Regions and Team" or you can contact us directly.



www.petec.de



Our sales representative will be happy to visit you on site. Consultations by telephone, email and online meeting are also possible.

Accounting:

You can reach our accounting department at:

Telephone: +49 95 55 80 99 4-20

Private Label:

"Private label" products are possible in principle. Please contact our sales department and let us discuss the options and conditions.

Email: info@petec.de

**What are the options for presenting products?**

We present our products directly at the POS on shelves and in displays. You want to increase your sales figures and are interested in a high-quality POS presentation. Do not hesitate to contact us. Our sales staff are there to help and advise you.

**Point of contact for complaints?**

Please contact your specialist dealer/seller.

Application:

We are always on the look out for motivated employees. You are welcome to send us your speculative application at bewerbung@petec.de.

Promotions/advertising texts:

We are happy to plan individual promotions for you or provide you with promotional materials such as images, texts and videos. Contact our sales department at:

Telephone: +49 95 55-80 99 4-11 or -12



Disclaimer: Our technical advice – whether verbal, in writing or by way of trials – is given as per the current state of our knowledge. It does not relieve users of the obligation to conduct their own tests on the products which we supply in order to assess their suitability for the intended processes and purposes. We cannot exercise any control over the application, usage and handling of the products therefore the users have sole liability for these actions.

NEW!

+++ Innovative new products

BIG

Page 30



Window adhesive as 600 ml tubular bag with extended application time

Page 32



K&D body adhesive & sealant, tubular bag BIG 600 ml, white/grey/black

BIKE line

Pages 66, 67



Page 68



ADDITIV-line

Pages 64, 65



Page 68



NEW!

in this catalogue +++



Page 14

Sealant & adhesive
remover spray
500 ml spray



Page 56

Inox spray
500 ml spray



Page 58

Fan belt spray
500 ml spray



Page 20

Liquid plastic
50 ml double cartridge



Page 34

KARO FOAM
2C-body foam
400 ml can



Page 26

2C power &
construction adhesive
250 ml cartridge



Page 24

Plastic adhesive tape
high technology
10 m x 19 mm x 1.1 mm



Page 61

Tyre repair spray
400 ml spray



Page 54

Slide-Lube
lubricant permanent
200 ml brush can

Multi Cleaner Spray



Liquid

» residue-free «



Container size

200 ml spray

1000 ml can

Item no.

82200

82100

For cleaning and degreasing adhesive and sealing surfaces.

- » for universal use
- » completely residue-free and non-corrosive
- » removes silicone residues
- » also for pre-treatment when lacquering

Area of application: Ideally for pre-treating, bonding, lacquering and priming. Also suitable for cleaning adhesive surfaces during window adhesion.



To achieve perfect bonds and connections when using our products, we recommend you first clean the surfaces of the material with Multi Cleaner prior to application. Ensure sufficient flash-off and drying time.

Sealant & adhesive remover Spray



To the product video
www.petec.de

Container size

500 ml spray

Item no.

82150

PETEC sealant & adhesive remover dissolves and removes stubborn sealant and adhesive residues as well as paints and varnishes. Also for removing sealant residues (paper, cork, rubber and silicone) from surface and flanged joints such as e.g. valve cover, cylinder head, oil pan, exhaust manifold, front cover, water pump, thermostat, gearbox and other parts.

- » removes stubborn residues
- » mega cleaning power
- » intense and deep-penetrating cleaning effect, even on vertical surfaces
- » silicone-free
- » removes sealant and adhesive residues based on silicone, epoxide resin, polyurethane, MS polymer, butyl rubber, cyanoacrylate, anaerobic and various 2-component products
- » removes silicone contamination on the adhesive surface of windscreens



After using the sealant & adhesive remover spray, the surface must be thoroughly cleaned and degreased using PETEC Multi Cleaner (item no. 82200 or 82100) before the sealant or adhesive is re-applied.

Technical data:	Multi Cleaner	Sealant & adhesive remover spray
Base	Aliphatic hydrocarbons	–
Colour	transparent	white/transparent
Flash-off time	1 – 2 minutes	–
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place

INSTANT ADHESIVES

POWER ADHESIVE Gel



does not
drip
does not
run

Container size	Item no.
20 g tube blister pack	93720

Universal adhesive that hardens in seconds for smooth and porous surfaces.

- » strong initial adhesion, immediate further application possible
- » does not drip or run – also suitable for overhead use and on vertical surfaces
- » suitable for absorbent and porous surfaces
- » corrections after joining possible



To the product video
www.petec.de



For quicker hardening we recommend our SpeedBond activator spray (item no. 93515) Page 17.

POWER ADHESIVE super-fast Bottle



» instant adhesive «

Container sizes	Item no.
3 g bottle	93303
3 g bottle blister pack	93403
10 g bottle	93310
10 g bottle blister pack	93410
20 g bottle	93520
500 g bottle	933500

1-component adhesives for long-lasting joints that harden in a matter of seconds.

- » super-fast adhesion and hardening
- » easy to use
- » very high strength
- » clean bond
- » immediate further application possible

Area of application: Joins materials such as metal, plastic, rubber, felt, PVC, leather, wood, ceramic and many others – together and to one another.

Brush bottle



Container size	Item no.
4 g brush bottle blister pack	93404

Technical data:	POWER adhesive gel	POWER adhesive super-fast
Base	Ethyl-2 cyanoacrylate	Ethyl cyanoacrylate
Colour	transparent	transparent
Temperature resistance	-40°C to +85°C	-40°C to +85°C
Gap bridging	0.5 mm	0.05 mm
Tensile shear strength	25 N / mm ²	15 – 25 N / mm ²
Fixture time	5 – 40 seconds	1 – 10 seconds
Shelf life	18 months, store in a cool and dry place	18 months, store in a cool and dry place

SpeedBond Set adhesive & filler



Set	Item no.
Blister pack	93550

Bonds dissimilar materials together and to one another within seconds.
 » fast, strong, versatile
 » gluing
 » filling
 » repairing

High performance adhesive



Container size	Item no.
20 g bottle	93520

For super-fast adhesion of dissimilar material, e.g. plastic and plastic compounds, metal, rubber, ceramic, porcelain, wood and many others.

Filler



Container size	Item no.
30 g bottle	93530

When used with SpeedBond Filler, cracks, joints, holes and gaps can be bridged. SpeedBond filler also stabilises and enlarges the adhesive surface.

SpeedBond Activator spray



Considerably accelerates the hardening of the adhesive.



Container size	Item no.
150 ml spray	93515

Hardening accelerator made specially for the SpeedBond high performance adhesive and considerably reduces the hardening time of the adhesive. Also suitable for all cyanoacrylate-based instant adhesives such as POWER ADHESIVE (item no. 93303, 93403, 93310, 93410, 933500, 93404), POWER ADHESIVE gel (item no. 93720) and 2C POWER ADHESIVE (item no. 93510).

» adhesive welded seam «

Area of application: SpeedBond Set for the structural adhesion and repairing of broken parts.

Bonding and repair of plastic, metal, rubber, ceramics, porcelain, wood and much more. Even the smallest holders and clips can be repaired.



Even the smallest plastic parts, e.g. brackets and clips, can be bonded and stabilised. When used with SpeedBond Filler, cracks, joints, holes and gaps can be bridged. Speedbond activator spray speeds up the hardening process of the high performance adhesive.



To the product video
www.petec.de

Technical data:	High performance adhesive	Filler	Activator spray
Base	Ethyl cyanoacrylate	–	–
Colour	transparent	grey	transparent
Temperature resistance	–40°C to +85°C	–	–
Gap bridging	0.05 mm (can be considerably improved using the SpeedBond filler)	–	–
Tensile shear strength	15 – 25 N / mm ²	–	–
Functional strength	3 – 10 seconds (can be reduced by using the SpeedBond activator spray)	–	–
Shelf life	18 months, store in a cool and dry place	unlimited	36 months, store in a cool and dry place

Rubber profile adhesive

Tube

Brush can



Container size	Item no.
70 ml tube blister pack	93870
350 ml brush can	93835

For high-strength and permanently elastic bond.
 » suitable for absorbent and non-absorbent materials
 » weatherproof, UV and moisture-resistant
 » strong bond
 » resistant to water, salt water, oil, fuel, diluted acids and alkaline solutions

Area of application: Suitable for bonding small and large surfaces on the inner and outer areas of e.g. rubber profiles, solid, foam and natural rubber as well as leather, linen, felt, hard PVC and butyl rubber, and also in combination with wood, fibre cement slabs and metals (steel, sheet metal, aluminium) and much more. In the automotive sector (door rubber, seals, panelling, insulating mats and foils and many more), caravans, boats, in industry, the trades and domestic applications.



Apply adhesive uniformly on both surfaces that are to be bonded, observe the flash-off time and the application temperature.

Spray adhesive



Container size	Item no.
400 ml spray	94340

With high immediate adhesive strength for large-area bonds indoors and outdoors. For absorbent and non-absorbent materials.
 » several uses, even for styrene and absorbent materials
 » weatherproof, UV and moisture-resistant
 » clean and easy to apply
 » transparent bond, the adhesive does not depress
 » resistant to water and salt water

Area of application: Bonds materials such as leather, foam, rubber, textiles, felt, styrene, wood, cork, cardboard, paper, insulating boards, plastic, metal and many others.

Contact adhesive universal

Brush can



Container size	Item no.
350 ml brush can	93935

High immediate adhesion and strong bond.
 » for universal use
 » can be precisely and cleanly spread with the brush
 » also suitable for absorbent material
 » weatherproof, UV and moisture-resistant
 » resistant to water, salt water, oil, fuel, diluted acids and alkaline solutions

Area of application: Suitable for bonding small and large pieces of wood, rubber, cork, styrene, felt, rigid PVC, flexible foams, butyl rubber, metal, many plastics, ceramics, leather, linen and many more surfaces (of the same kind or with each other) inside and outside.

Technical data:	Rubber profile adhesive	Spray adhesive	Universal contact adhesive
Base	Polychloroprene	Polychloroprene	Polychloroprene
Colour	yellowish-transparent	transparent	yellowish-transparent
Temperature resistance	-30°C to +120°C	up to maximum +80°C	-30°C to +120°C
Consumption	approx. 75 ml / m ²	approx. 75 ml / m ²	approx. 75 ml / m ²
Shear strength	3 N / mm ²	3 N / mm ²	3 N / mm ²
Flash-off time (at + 22 °C)	10 – 15 minutes	3 minutes	10 – 15 minutes
Initial strength (at + 22 °C)	immediately after flash-off time	immediately after flash-off time	immediately after flash-off time
Hardening/final strength (at + 22 °C)	48 hours	12 hours	48 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place	24 months, store in a cool and dry place

Plastic REPAIR KIT

» The complete solution for the professional repair of plastics. «



Item no.

98309

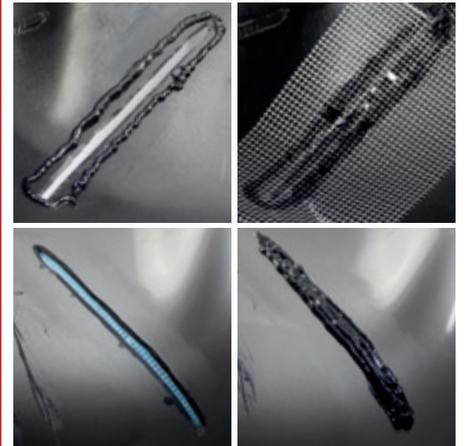
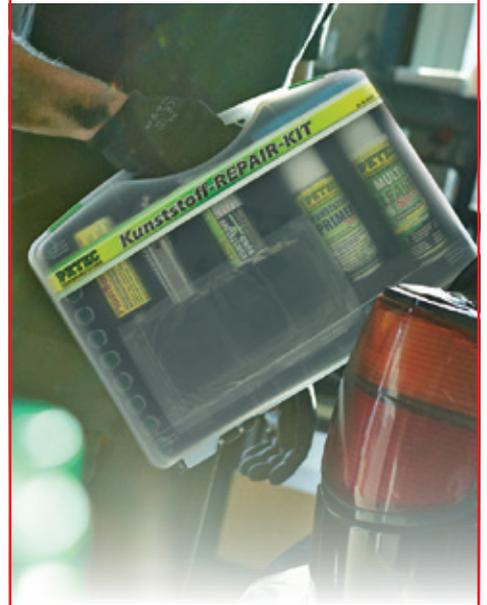
Plastic REPAIR KIT in a practical plastic case

(for commercial users only)

Contents:

- (item no. 98350) PlastBond, 50 ml
- (item no. 98110) ProfiLine PlasticBond high performance, 10 ml
- (item no. 85150) POWER Patch, 75 x 150 mm
- (item no. 93520) SpeedBond high-performance adhesive, 20 g
- (item no. 93530) SpeedBond Filler, 30 g
- (item no. 93515) SpeedBond Activator spray, 150 ml
- (item no. 82200) Multi Cleaner, 200 ml
- (item no. 98315) Plastic primer, 150 ml
- (item no. 98320) Structured fabric, 12.5 x 100 cm
- (item no. 98510) 5 x static mixing tube
- (item no. 98511) 3 x static mixing tube
- (item no. 98308) Cutter
- (item no. 98310) Abrasive sponge
- (item no. 98502) 2C applicator gun

Plastic Repair



To the product video
www.petec.de

2C ADHESIVE REPAIR

PlastBond

Bonding / Filling / Smoothing



To the product video
www.petec.de



» Plastic Repair Black «

Liquid plastic

Bonding / Filling / Smoothing



PlasticBond

high performance

PROFI line

» for all plastics, even PE & PP «



Container sizes

Item no.

24 ml double syringe blister pack

98325

50 ml double cartridge

98350

Quick-hardening 2-component adhesive for repairing and bonding plastics.

- » super-fast hardening action and fast finishing
- » very strong bond, slightly flexible and resistant to breakage
- » does not drip, easy to mould
- » can be ground and re-coated with many paint finishing systems
- » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent

Area of application: For repairing bumpers, spoilers, radiator grilles, trim clips, brackets (e.g. headlights) and broken plastic parts and trim. Also for bonding and filling holes, cracks and joints in metal, wood, stone, concrete & glass.

Container size

Item no.

50 ml double cartridge

98355

2-component adhesive for filling, smoothing, repairing and bonding.

- » excellent adhesion to many plastics and plastic compounds
- » also for ceramics, concrete, wood and many metals
- » strong bonding
- » excellent for moulding and smoothing
- » long pot life (application time) for the perfect result
- » very strong bond, slightly flexible and resistant to breakage
- » can be ground and re-coated with many paint finishing systems
- » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent

Container size

Item no.

10 ml double syringe

98110

(for commercial users only)

2-component special high-performance adhesive with very good adhesion on surfaces that are difficult to bond.

- » high adhesive strength with a very high final strength
- » gap bridging up to 0.3 mm
- » can be ground and re-coated with many paint finishing systems
- » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent

Area of application: For the structural bonding of low-energy plastics such as PE, PP, PTFE, PBT, PA, PC, POM, PVA, PMMA, ABS, PBT, PVF, EPDM, PU, TPE PVC, A-PET, as well as mixed plastic moulds and many more. Also for bonding material combinations with e.g. various plastics, metals, rubber, glass, stone, wood and many more. Also suitable for bonding PDC sensors.



Sand and clean the adhesive spots. For best results we recommend using a PETEC mixing tube (item no. 98510) and PETEC mixing tube (item no. 98511). Bond the parts within the specified application time. Accessories on pages 69, 73.

Technical data:	PlastBond	Liquid plastic	PlasticBond high performance
Base	Polyurethane	Polyurethane	Methyl methacrylate
Colour	black	black	white
Temperature resistance	-40°C to +140°C	-40°C to +140°C	-55°C to +80°C
Tensile shear strength (material dependent)	16 N / mm ²	16.2 N / mm ²	17.2 N / mm ²
Shore hardness	65	65	—
Elongation at break	170%	170%	—
Pot life/application time	1 minute	7 – 10 minutes	3 minutes
Fixture time	3 minutes	20 minutes	90 minutes
Hardening/final strength	20 minutes	120 minutes	8 – 24 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place	12 months, store in a dry place at +2°C to +7°C

POWER BiBond 3 minutes



To the product video
www.petec.de



» extremely strong
2C universal adhesive «



Container sizes

Item no.

24 ml double syringe blister pack

98625

50 ml double cartridge

98550

2-component universal high-performance adhesive with extremely high tensile, shear and peel strength.

- » excellent adhesion on metal, plastic, wood, rubber and many other types of material, together and with one another
- » rapid hardening and extremely strong adhesive
- » for any indoor and outdoor applications
- » can be ground and re-coated with many paint finishing systems
- » resistant to water, oil, fuel and many chemicals

Area of application: Body and vehicle construction (e.g. Bumpers, radiators, lighting, grab handles, spoilers, telephone/speaker mountings, etc.) as well as in plastics/electrical engineering, wood and metalworking, exhibition stand, model & machine construction.

POXY



» transparent
2C universal adhesive «



Container size

Item no.

24 ml double syringe blister pack

98425

50 ml double cartridge

98050

Transparent 2-component universal adhesive based on epoxy resin with high adhesive strength.

- » transparent bond
- » excellent adhesion
- » rapid hardening
- » high tensile and impact strength
- » high impact strength: 50 kJ / m²
- » high compression strength: 9 N / mm²
- » for any indoor and outdoor applications
- » resistant to water, salt water & many chemicals

Area of application: Excellent adhesion to metal, stone, wood, glass, ceramic and many plastics.

2C Power adhesive high performance



» 2C instant adhesive «

does
not drip

does
not run



Container size

Item no.

11 ml double syringe blister pack

93510

2C Power adhesive is fast hardening, has a wide range of uses and will fill most gaps whilst maintaining the maximum adhesive strength via 2-component technology.

- » for bonding materials and material combinations within seconds
- » fast, strong, multi-faceted, flexible, not material dependent
- » gap bridging up to 6 mm
- » no drips/runs, can be used overhead
- » can be ground and re-coated with many paint finishing systems
- » resistant to water, salt water and many chemicals

Area of application: Bonding and repair of plastic, metal, rubber, ceramic, porcelain, wood, paper, cardboard and much more, together and with one another.



Sand and clean the adhesive spots. For best results we recommend using a PETEC mixing tube (item no. 98510) and PETEC mixing tube (item no. 98511). Bond the parts within the specified application time. Accessories on pages 69, 73.

Technical data:	POWER BiBond 3 minutes.	Poxy	2C POWER adhesive
Base	Methyl methacrylate	Epoxy resin	Ethyl cyanacrylate
Colour	light yellow	transparent	transparent
Temperature resistance	-40°C to +120°C	-50°C to +100°C	-30°C to +80°C
Tensile strength	42 N / mm ²	40 N / mm ²	-
Tensile shear strength (material dependent)	22 N / mm ²	10 – 20 N / mm ²	material dependent
Elongation at break	>10%	-	-
Pot life/application time	3 minutes	4 – 5 minutes	approx. 1 minute
Fixture time	6 minutes	10 minutes	2 – 4 minutes
Hardening/final strength	12 hours	30 minutes	3 – 5 minutes
Shelf life	12 months, store in a cool and dry place	24 months, store in a cool and dry place	12 months, store in a cool and dry place

Liquid metal



» Fill, smooth, bond «



Container sizes

25 ml double syringe blister pack without mixing tube

Item no.

97425

50 ml double cartridge incl. mixing tube

97355

- 2-component epoxy resin metal for filling, smoothing and bonding.
- » excellent adhesion to all metals such as iron, steel, cast, aluminium, alloys and many more, as well as ceramic, concrete, wood and many plastics
 - » rapid hardening
 - » high strength and excellent adhesion to other kinds of material
 - » easy to work, can be sanded and re-coated with many paint finishing systems
 - » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent

Area of application: Suitable for repairing iron, steel, cast, ceramic, concrete, wood and many plastics. Suitable for filling, smoothing and bonding of rips, holes, drilling mistakes, cavities. For repairing pipes, tanks, threads, body and machine parts.

POWER steel



» Repair modelling material «



Container sizes

50 g blister pack

Item no.

97450

50 g packing

97350

- Quick-drying 2-component modelling clay for repairing, bonding and filling.
- » easy to use thanks to excellent adhesion
 - » extremely high strength
 - » fast hardening, even under water
 - » non-corrosive
 - » can be re-coated
 - » for any indoor and outdoor applications
 - » can be reworked, e.g. sanding, drilling, thread-cutting, sawing
 - » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent

Area of application: Suitable for bonding, filling, sealing tears, holes, drilling mistakes, cavities. For repairing and reconstructing metals (iron, steel, cast, aluminium, alloys and many others), ceramic, concrete, wood and many plastic parts. For fast, long-lasting repairs, e.g. Tanks, radiators, pipes, threads, canisters, gutters, body & sheet metal parts.



To the product video
www.peter.de

Technical data:	Liquid metal	POWER steel
Base	Epoxy resin	Epoxy resin
Colour	grey	grey
Temperature resistance	-30°C to +120°C	-50°C to +180°C
Compression strength	-	55 N / mm ²
Tensile shear strength	25 N / mm ²	6.2 N / mm ²
Shore hardness	-	80
Pot life/application time	4 minutes	4 minutes
Fixture time	10 minutes	-
Hardening/final strength	30 minutes	30 minutes
Shelf life	12 months, store in a cool and dry place	18 months, store in a cool and dry place

POWER tape duct tape
5 m x 50 mm

50 m x 50 mm



» extremely resilient «



Uni fabric tape
50 m x 48 mm



Colours	Item no.	Colours	Item no.
black blister pack	86105	black roll	86150
		silver roll	86250

Colours	Item no.	Colours	Item no.
black roll	87350	black roll	87350
silver roll	87450	silver roll	87450

- High-quality, strongly woven and specially coated adhesive tape.
- » very high adhesive strength
 - » extremely resilient
 - » can be separated along the woven direction
 - » can be removed without leaving any residue
 - » moisture resistant
 - » for indoor and outdoor applications

- » high-strength adhesion
- » moisture resistant
- » for indoor and outdoor applications

Area of application: Fastening, reinforcing, sealing, packaging and bundling, closing openings, repairing lines, pipes, hoses and much more.

Technical data:	POWER tape duct tape	Uni fabric tape
Colours	black, silver	black, silver
Temperature resistance	-15°C to +85°C	-15°C to +60°C
Tensile strength	147 N / 25 mm	98 N / 25 mm
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Foam assembly tape

■ black



» can be bonded on both sides «



Size	Item no.
2 m x 12 mm x 1 mm blister pack	87122
10 m x 19 mm x 1 mm blister pack	87200

Double-sided foam tape with good adhesive strength for cars, handwork, industry, exhibition stand and stage construction, among others.

- » for numerous material combinations
- » high-strength adhesion
- » excellent shear strength
- » reduces vibration
- » bridges gaps
- » can replace screws and rivets
- » for indoor and outdoor applications
- » very good UV-resistance

Area of application: Good adhesion to many materials such as metal, glass, stone, tiles, wood and different plastics. For fastening trim strips, profiles, reinforcement pieces, emblems, rear-view mirrors, badges, number plates and much more. For mounting brackets, mirrors, pictures, signs, attachments, hooks and much more.

Assembly tape

□ transparent



Size	Item no.
2 m x 19 mm x 0.2 mm blister pack	87192

Double-sided high performance adhesive tape for transparent and very strong adhesive bonds.

- » very high immediate adhesive strength
- » good temperature resistance
- » moisture resistant
- » reduces vibration
- » can replace screws and rivets
- » for indoor and outdoor applications
- » good UV-resistance

Plastic adhesive tape

high technology

PROFI line TAPE

» for all plastics, even PE & PP «



Size	Item no.
10 m x 19 mm x 1.1 mm blister pack	87210

Double-sided adhesive tape, especially for hard-to-bond plastics such as PP, PE.

- » extremely strong initial adhesion and adhesive strength
- » extremely good adhesion to many materials
- » long-term adhesion
- » gap bridging and vibration reducing
- » suitable for non-porous surfaces
- » can replace screws and rivets
- » for any indoor and outdoor applications

Area of application: For bonding and mounting low-energy plastics, such as PE, PP, PTFE, PBT, PA, PC, POM, PVA, PMMA, ABS, PBT, PVF, EPDM, PU, TPE PVC, A-PET as well as plastic mixing moulds, etc. Also for bonding material combinations with e.g. various plastics, metals, alloys, powder coatings, rubber, glass, stone, wood and many more.

Technical data:	Assembly tape black	Assembly tape transparent	Plastic adhesive tape
Colour	black	transparent	black
Temperature resistance	-40°C to +120°C	-40°C to +100°C	-40°C to +120°C
Tensile strength	19.6 N / 25 mm	47 N / 25 mm	55 N / 25 mm
Shear force	6 kg / cm ²	7 kg / cm ²	55 kg / cm ²
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Insulation tape
VDE tested



Size	Item no.
10 m x 15 mm x 0.15 mm roll	87000

- » high-strength adhesion
- » VDE tested
- » excellent expansion and relaxation properties
- » weatherproof and age-resistant
- » for indoor and outdoor applications

Area of application: For insulating electrical leads, cables, plugs and connectors.



Cable protection tape



Size	Item no.
10 m x 19 mm x 0.3 mm blister pack	87500

- » good adhesive force
- » shock-resistant
- » prevents noise generation
- » for indoor and outdoor applications

Area of application: For protecting and bundling cables and wiring harnesses.



Repair tape self-sealing



Size	Item no.
5 m x 19 mm x 0.5 mm blister pack	94905

- Self-sealing repair tape is easy to manage and apply.
- » seals itself, non-sticky
 - » pressure-resistant
 - » shock and tear-resistant
 - » excellent resistance to water, temperature and UV
 - » can even be used on dirty objects
 - » resistant to water, salt water, coolants, antifreeze, etc.

Area of application: For sealing, insulating and repairing hoses, cables and pipes. Repairs in the automotive sector (radiator and engine hoses, ignition cables, gaskets and brackets).



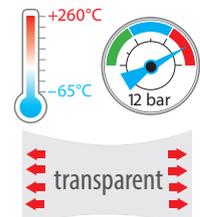
Repair tape self-sealing

» transparent, temperature and pressure-resistant «



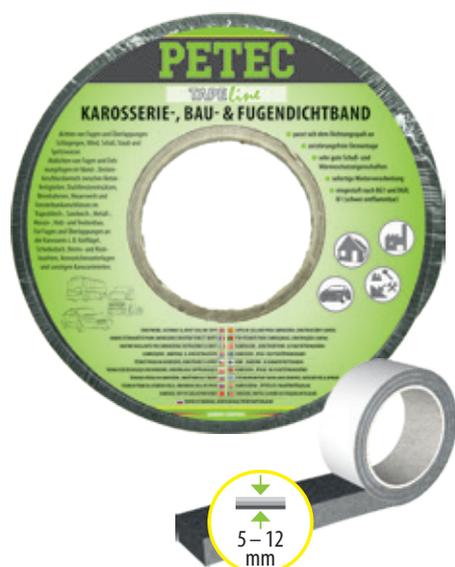
Size	Item no.
3 m x 25 mm x 0.5 mm blister pack	94903

- » seals itself, non-sticky
- » transparent, extremely strong and tear resistant
- » temperature and pressure resistant
- » suitable for underwater applications
- » shock-resistant
- » can even be used on dirty objects
- » for indoor and outdoor applications
- » weatherproof, UV and age-resistant
- » resistant to water, salt water, oil, fuel, coolant and antifreeze



Technical data:	VDE Insulating tape	Cable protection tape	Repair tape	Repair tape high performance
Colour	black	black	black	transparent
Temperature resistance	-15°C to +90°C	-40°C to +105°C	-40°C to +90°C	-65°C to +260°C
Tensile strength	58.8 N / 25 mm	80 N / 25 mm	2 N / mm ²	4.82 N / mm ²
Electric strength	6 kV / mm	–	42 kV / mm	16 kV / mm
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Body, construction & joint sealing tape



Container sizes	Item no.
6 m x 15 mm x 5-12 mm roll	87430

- For sealing joints and overlaps against driving rain, wind, noise, dust and spray water.
- » one-sided adhesive and foaming sealing tape
 - » adapts to the seal gap
 - » non-destructive removal
 - » very good sound and heat protection properties
 - » immediate further application possible
 - » categorised in accordance with BG1 and BGR; B1 (flame resistant)

Area of application: For sealing joints and expansion joints in the area connecting the walls and ceiling between concrete components, skylight surrounds, window frames, masonry and windowsill connections in the construction of trapezoidal sheet metal, sandwich construction, metal construction, solid construction, wood construction, and drywall construction. For joints and overlaps in the bodywork e.g. mudguards, sliding roofs, brake lights and reversing lights, number plates and other body parts.

Technical data:	Joint sealing tape
Colour	black
Temperature resistance	-30°C to +100°C
Joint sound insulation	59 dB
Driving rain-proof	>600 Pa
Shelf life	36 months, store in a cool and dry place

2C power & construction adhesive

PROFI *line*

» fast and versatile application without primer «



Container sizes	Item no.
250 ml cartridge	94429

- 2-component, elastic adhesive and sealant with rapid hardening. 2C technology provides tension-free, uniform hardening even with extensive and full-surface bonding as well as at low temperatures and with low humidity. Can be used on absorbent and non-absorbent bonding surfaces made of metal, glass, stone, concrete, plaster, tiles, natural stone, wood, varnished surfaces, mirrors, styrene and many plastics. The product is suitable for secure, durable and dynamically stressed adhesion and sealing in many areas.
- » MS polymer-based application without primer
 - » broad range of adhesive applications
 - » strong initial adhesion and high final strength
 - » high elastic and dynamic resilience
 - » shock and vibration-absorbent
 - » gap bridging up to 40 mm
 - » does not drip or run, also suitable for use on vertical surfaces and overhead use
 - » can be re-coated
 - » solvent free
 - » for any indoor and outdoor applications
 - » weatherproof, age-resistant and UV-resistant



Accessories on pages 71, 73.

Technical data:	2C power & construction adhesive
Colours	black
Base	2C modified silane polymers
Temperature resistance	-40°C to +90 °C, short-term up to +120 °C
Tensile shear strength	2.0 N / mm ²
Shore A hardness	40
Elongation at break	500%
Pot life/application time	30 minutes
Hardening (at +22 °C)	4 hours
Shelf life	12 months, store in a cool and dry place

Bonding & sealing assembly adhesive

white

grey

black

transparent



Container size	Item no.						
290 ml cartridge	94529	290 ml cartridge	94629	290 ml cartridge	94729	290 ml cartridge	94929
				80 ml tube	94270	80 ml tube	94170

Elastic, 1-component adhesive and sealant, can be used for absorbent and non-absorbent glued surfaces.

- » application without primer
- » wide adhesion spectrum, as well as excellent sealing properties
- » extremely strong initial adhesion and high final strength
- » high elastic and dynamic resilience
- » for indoor and outdoor applications
- » can be coated with emulsion paints
- » free from isocyanate, solvent, PVC and silicone
- » approved for the food-related sector
- » weatherproof, non-ageing, UV-resistant, waterproof and resistant to salt water
- » shock-absorbent and vibration-resistant
- » hardens even underwater
- » can be re-coated
- » reusable tip



Adhesive & sealant that hardens in humid air. The product must be applied in parallel beads with sufficient distance between them.

Accessories on pages 69, 71, 72.



VERY LOW ON EMISSIONS
tested for indirect food contact

Area of application: Perfect for the construction, crafting, domestic, DIY, industry and automotive sectors. Bonds metal, glass, stone, concrete, rendering, tiles, natural stone, wood, varnished surfaces, mirror, styrene, gypsum plaster board and chipboard, body and sheet metal parts, insulating plates.

Technical data:	Bonding & sealing assembly adhesive	
Colours	white, grey, black	transparent
Base	MS polymer	MS polymer
Hardening system	humidity	humidity
Use (with 6 mm bead)	25 ml / metre	25 ml / metre
Temperature resistance	-40°C to +100°C	-40°C to +100°C
Initial adhesion	60 kg / m ²	35 kg / m ²
Tensile strength	2.6 N / mm ²	2.9 N / mm ²
Shore A hardness	50	44
Elongation at break	approx. 270%	approx. 200%
Application temperature	+5°C to +40°C	+5°C to +40°C
Application time	20 minutes	40 minutes
Hardening (at +22 °C)	3 mm in 24 hours	3 mm in 24 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place



To the product video
www.petec.de

WINDOW ADHESIVE – NO PRIMER REQUIRED

Window adhesive economic
Cartridge

Tubular bag



» no primer required «



Window adhesive high speed
Drive-away time 15 minutes

PROFIline

» no primer required & extremely quick «



Container size	Item no.	Container size	Item no.
290 ml cartridge incl. adjustable nozzle	84290	400 ml tubular bag incl. adjustable nozzle	84400

Container size	Item no.
290 ml cartridge incl. adjustable nozzle	84300

For assembly of front, rear and side windows without primer.

- » UV-resistant
- » free from isocyanate
- » low conductivity
- » suitable for all vehicle types
- » TÜV crash tested
- » high modulus
- » quick through-hardening
- » drive-away time: **120 minutes**



Drive-away time for a car:
120 minutes with air bag



For assembly of front, rear and side windows without primer.

- » UV-resistant
- » free from isocyanate
- » low conductivity
- » suitable for all vehicle types
- » TÜV crash tested
- » extremely high modulus
- » quick through-hardening
- » very short drive-away time: **15 minutes**



Drive-away time for a car:
15 minutes with air bag



 Clean the window thoroughly, no primer required, always apply the adhesive perpendicular to the window, observe the application time and temperature. Accessories on pages 70, 72.

Technical data:	Window adhesive economic	Profiline window adhesive high speed
Base	1C modified silane polymers	1C modified silane polymers
Hardening system	humidity	humidity
Temperature resistance	-40°C to +110°C	-40°C to +110°C
Tensile shear strength	3.0 N / mm ²	2.8 N / mm ²
Tensile strength	2.7 N / mm ²	4.0 N / mm ²
Shore A hardness	60	65
Elongation at break	approx. 180%	approx. 350%
Application temperature	+5°C to +35°C	+5°C to +35°C
Application time	15 minutes	< 10 minutes
Drive-away time (at +22°C)	2 hours (car)	15 minutes at +22°C and 50% relative humidity
Through-hardening (at +22°C)	approx. 3 mm / 24 hours	approx. 3 mm / 24 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place

Window adhesive Set
Cartridge

Tubular bag

» set system «



Contents	Item no.
Cartridge 310 ml, multi-active primer combi-stick 10 ml, cleaning cloth, adjustable nozzle	83333

Contents	Item no.
Tubular bag 400 ml, multi-active primer combi-stick 10 ml, cleaning cloth, adjustable nozzle	83433

Window adhesive set system for assembly of front, rear and side windows.

- » suitable for all vehicle types
- » quick through-hardening
- » high modulus
- » suitable for antenna
- » low conductivity
- » short drive-away time: **120 minutes**



Drive-away time for a car:
120 minutes with air bag



To the product video
www.petec.de



Accessories on
pages 30, 31, 70, 72.



WINDOW ADHESIVE

Window adhesive Cartridge

Tubular bag



Container size	Item no.	Container size	Item no.
310 ml cartridge incl. adjustable nozzle	83310	400 ml tubular bag incl. adjustable nozzle	83400

1-component, high modulus polyurethane adhesive and sealant for assembly of front, rear and side windows with quick bonding capability and short drive-away time.

- » for all vehicle types
- » quick through-hardening
- » high modulus
- » suitable for antenna
- » low conductivity
- » good adhesion to residual material
- » short drive-away time



Drive-away time for a car:
120 minutes with air bag



To the product video
www.petec.de



Can only be used in combination with multi-active primer (item no. 82410), black primer (item no. 82330) or activator (item no. 82230). Accessories on pages 31, 70, 72.

Window adhesive BIG Tubular bag



Container size	Item no.
600 ml tubular bag incl. nozzle <i>(for commercial users only)</i>	83600

One-component, high-modulus polyurethane adhesive & sealant for the installation of front, rear & side windows on commercial vehicles.

- » for all commercial vehicles
- » low conductivity
- » high modulus
- » suitable for antenna
- » quick through-hardening
- » long application time for large windows



Cleaning cloth

» residue-free «



Container size	Item no.
Cleaning cloth	82111

For cleaning and degreasing surfaces before using adhesives and sealants.

- » for removing silicone residues from the bonding surface of windshields
- » residue-free

Technical data:	Window adhesive	Window adhesive BIG 600 ml	Cleaning cloth
Base	1-component polyurethane	1-component polyurethane	99.9 % IPA isopropanol
Hardening system	humidity	humidity	–
Tensile strength	approx. 7.5 N / mm ²	6 N / mm ²	–
Shear strength	3.5 N / mm ²	3.5 N / mm ²	–
Shore A hardness	approx. 57	65	–
Elongation at break	700%	700%	–
Application temperature	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C
Flash-off time	–	–	10 minutes
Application time	20 minutes	50 minutes	–
Drive-away time (at +22°C)	2 hours	6 hours	–
Hardening (at +22 °C)	approx. 3.5 mm / 24 hours	approx. 3.5 mm / 24 hours	–
Shelf life	18 months, store in a cool and dry place	18 months, store in a cool and dry place	24 months, store in a cool and dry place

Multi-active primer combi-stick



Container size	Item no.
10 ml combi-stick	82410

Combines the advantages of black primer and activator in one product.

Adhesion promoter

» for adhesion on windows with and without a ceramic screen printing coating with excellent UV protection

Activator

» for activating PU-RIM and PVC coatings
 » easy to apply using a screw-on applicator
 » excellent coverage (colour: black)
 » adhesion promoter and UV protection of PU-based adhesives & sealants

Black primer



Container size	Item no.
30 ml bottle <i>(for commercial users only)</i>	82330

Adhesion promoter and UV protection for pre-treatment of the bonding surface for windows with and without ceramic screen printing coating
 » excellent coverage (colour: black)
 » adhesion promoter and UV protection of PU-based adhesives & sealants
 » also for touching up damage on the body flange

Activator



Wool wiper
Item no. 82222



Container size	Item no.
30 ml bottle	82230

For activating the adhesive surface of windows.

» for priming windows which are pre-coated with PU or PVC

» also for activating (old) glue bead residue

Mirror fix Adhesion set



	Item no.
Adhesive set blister pack	93800
Replacement mesh	93801

The special adhesive set for bonding the rear-view mirror to the windscreen. The mirror fix can also be used for fastening antenna, locks, etc. to the windows.

- » transparent bond
- » quick adhesion
- » long-lasting hold
- » high strength
- » easy application, no mixing required
- » gap bridging up to max. 0.3 mm
- » incl. mesh for 2 bonds

Contents of adhesion set:

1 g adhesive, 2 x mesh

The mirror fix is only suitable for glass/metal bonds in combination with mesh.

Shake the primer well until the contents have been uniformly mixed and can be applied in deep black. Apply several coats of the primer if required. Always apply primer uniformly in one direction only. Observe flash-off and drying time. Accessories on page 74.

Technical data:	Multi-active primer combi-stick	Black primer	Activator	Mirror fix
Base	Mixture	Mixture	Ethyl acetate	Polyurethane acrylic resin / hydroxypropyl methacrylate
Colour	black	black	transparent	amber
Temperature resistance	–	–	–	–55°C to +150°C
Tensile strength	–	–	–	3.5 – 7 N / mm ²
Application temperature	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C
Flash-off time	10 minutes	10 minutes	10 minutes	–
Shelf life	18 months, store in a cool and dry place	12 months, store in a cool and dry place	12 months, store in a cool and dry place	24 months, store in a cool and dry place

BODY ADHESIVE AND SEALANT

K&D body adhesive and sealant

white

grey

black



Container size	Item no.	Container size	Item no.	Container size	Item no.
310 ml cartridge	94530	310 ml cartridge	94630	310 ml cartridge	94730
600 ml tubular bag	94560	600 ml tubular bag	94660	600 ml tubular bag	94760

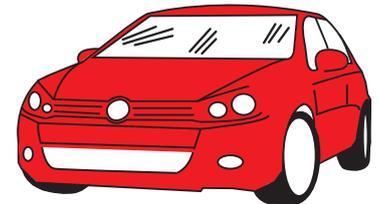
Fast-hardening, elastic, 1-component polyurethane-based adhesive and sealant that hardens under the influence of humidity.

- » wide adhesion spectrum, strong adhesion
- » bridges sealing gaps of different sizes
- » permanent sealing effect, permanently elastic and vibration-resistant
- » approved for marine applications » can be re-coated, silicone-free
- » reusable tip (with cartridges)
- » non-corrosive, resistant to diluted acids and alkali solutions

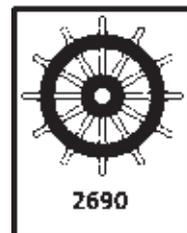
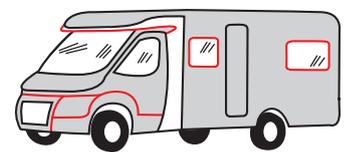
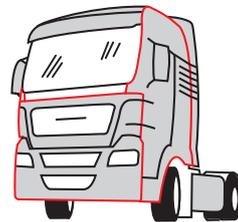
Area of application: Universal applications in body and vehicle construction: Bonds metal (raw, primed and varnished sheet steel, aluminium, stainless steel) and many plastics, as well as wood and glass, e.g. during sealing work of metal constructions, highly stressed joints and vibrating parts.



Temperature and high humidity accelerate the hardening process, can be re-coated once fully hardened.
Accessories on pages 69, 70, 71, 72.



Technical data:	K&D body adhesive and sealant
Base	Polyurethane
Hardening system	humidity
Use (with 6 mm bead)	25 ml / metre
Temperature resistance	-40°C to +90°C
Tensile strength	approx. 1.4 N / mm ²
Shore A hardness	40
Tensile strength	approx. 8.5 N / mm ²
Elongation at break	600%
Elongation at break	400%
Application temperature	+5°C to +40°C
Application time	50 minutes
Hardening (at +22 °C)	approx. 4 mm / 24 hours
Shelf life	18 months, store in a cool and dry place



MARINE ZERTIFIKAT



Body sealant

■ grey

» spreadable «



Brush
Item no. 81130



To the product video
www.petec.de

Container size

Item no.

1000 ml can

94130

Quick-hardening, permanently elastic, spreadable and smoothable body sealant made of rubber for universal applications in bodywork and vehicle construction.

- » bridges sealing gaps of different sizes
- » no streak formation – non-drip
- » vibration-resistant
- » silicone-free, non-corrosive
- » for restoring the original structure
- » can be re-coated
- » resistant to diluted acids and alkali solutions

Area of application: Permanently seals seams, joints and overlaps in the bodywork, such as welts, weld joints, vehicle underbody, boot, passenger compartment, wheel arches, side parts, as well as the front and rear spoilers. Very good adhesion to metals (sheet steel, raw, primed and lacquered, aluminium, stainless steel) and many plastics (e.g. ABS, GRP, PUR, polycarbonate, hard PVC and much more), as well as wooden and felt insulating boards.



The bodywork should not be re-coated with a water-based lacquer until the agent has hardened completely. Accessories on page 74.

Power adhesive

■ black

» universal & strong «



Container size

Item no.

290 ml cartridge

94229

Elastic, 1-component adhesive and sealant with extremely strong initial adhesion and final strength. PETEC power adhesive is suitable for secure, durable and dynamically stressed bonds and seals.

- » broad range of adhesive applications
- » strong initial adhesion and final strength
- » excellent sealing properties
- » high elastic and dynamic resilience
- » free from silicone, solvents, isocyanate
- » reusable tip
- » can be re-coated, non-ageing, weatherproof, UV-resistant and waterproof

Area of application: For bonds and seals in body, vehicle and container construction. Applications in the automotive field: e.g. wheel guard, spoiler, mudguard, vehicle underbody, boot floor, seams on the front and rear spoilers, seam sealing. Also for assembly bonds on metal, glass, stone, concrete, plaster, gypsum, tiles, natural stone, wood, varnished surfaces, mirrors, PVC and many plastics.



Accessories on pages 70, 71, 72.

Technical data:	Body sealant	Power adhesive
Base	Synthetic rubber	MS polymer
Hardening system	–	humidity
Use (with 6 mm bead)	–	25 ml / metre
Temperature resistance	–30°C to +80°C	–40°C to +100°C
Initial adhesion	–	60 kg/m ²
Tensile strength	–	2.6 N / mm ² , 260 / m ²
Shore A hardness	–	50
Elongation at break	–	approx. 270%
Application temperature	–	+5°C to + 40°C
Application time	5 minutes	20 minutes
Hardening (at +22 °C)	approx. 4 mm / 24 hours (depending on temperature and coat thickness)	3 mm / 24 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place

BODY REPAIR

Multi-functional seam sealant

■ grey

■ black



Container size

310 ml cartridge grey

310 ml cartridge black

Item no.

94131

94231

For sealing body parts and assembly seams.

- » broad range of adhesive applications» permanent joints
- » permanently elastic and excellent sealing properties
- » can be re-coated immediately (wet-on-wet)
- » free from silicone and isocyanate
- » solvent-free (material does not shrink after through-drying)
- » reusable tip
- » resistant to ageing, weatherproof and UV-resistant

Area of application: 1 component sprayable & spreadable seam sealant for sealing weld seams, overlaps and for restoring the original structure after an accident repair, e.g. in the engine compartment area, boot, underbody, wheel arches and on all overlapping assembly seams.



To the product video
www.petec.de



Original structures can be sprayed with telescopic compressed air gun 'Multi-press'(item no. 94333). Accessories on pages 71, 72.

Technical data:	Multi-functional seam sealant
Base	MS polymer
Hardening system	humidity
Colour	grey / black
Temperature resistance	-40°C to +100°C
Tensile strength	approx. 2 N / mm ²
Elongation at break	approx. 150%
Tear propagation resistance	approx. 8 N / mm ²
Pot life/application time	approx. 15 minutes
Hardening/final strength	3 mm / 24 hours (depending on the temperature and coat thickness)
Shelf life	24 months (in original packaging), store in a cool and dry place

2C body foam

Sprayable acoustic foam insulator

PROFIline

» for lining and insulation «



Container size

400 ml can

Item no.

98140

2-component body foam for professional accident repairs, repair and restoration of body parts. Body foam adheres to metallic surface and wood, as well as many plastics (including styrene, PU hard foam, polyester and many others) and fibre-reinforced materials. Body and attached parts such as sills, bonnets, doors, A, B and C columns, boot lids, roof and floor sections as well as rear and side parts can be filled, supported and hence protected from vibrations and contact corrosion.

- » high adhesive strength increases the rigidity of the vehicle
- » adheres to metals, plastics and fibre-reinforced materials
- » excellent anti-buzzing effect and absorbs noise and sound
- » seals to prevent the penetration of dust and water
- » resistant to temperature and ageing and weatherproof
- » gap-bridging and filling
- » equalises temperature fluctuations
- » prevents contact corrosion
- » fire behaviour Building material class B2

Technical data:	2C body foam
Base	Polyurethane
Colour	anthracite
Temperature resistance	-35°C to +90°C
Volume yield	up to 10 l (free-foam / 400 ml)
Volume weight	approx. 35 kg / m ³
Substrate temperature	+5°C to + 30°C
Pot life/application time	10 minutes
Adhesive-free	approx. 25 minutes
Can be cut after	approx. 30 minutes
Hardening time	50 minutes / Fully load-bearing after 24 hours
Shelf life	18 months; store upright and dry between +5°C and +25°C

Body Glue 2C body adhesive

PROFIline

» crash-resistant «



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Safety
Regular
Production
Surveillance

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ID 0000075424



Container size

195 ml cartridge

(for commercial users only)

Item no.

98195

For professional and high-strength 2C bonds in bodywork and vehicle construction.

- » bonds metals (sheet metal, steel, galvanised steel, aluminium, magnesium, alloys), as well as plastic and fibre-reinforced materials (AFK, CFK, GRP) together and with one another
- » structural bonding, sealing and repairs
- » modified for excellent crash impact resistance
- » increases vehicle rigidity
- » can be spot-welded
- » prevents contact corrosion

Area of application: For professional & high-strength bonding of load-bearing body parts and attached parts, e.g. roofs, side panels, doors, wings and much more.



Temperature significantly accelerates the hardening process (infra-red lamps, heat cabin), easy to use thanks to the innovative cartridge system. For processing, we recommend our applicator gun with a transmission ratio of 18:1 (item no. 81500). Not suitable for compressed air & cordless squeeze guns. Accessories on pages 71, 73.

Technical data:	Body Glue
Colour	black
Temperature resistance	up to +230°C
Tensile shear strength	28 N / mm ² (material dependent)
Application temperature	+5°C to +35°C
Pot life/application time	60 minutes
Fixture time	4 hours
Hardening/final strength	24 hours (significant acceleration thanks to heat treatment)
Shelf life	12 months, store in a cool and dry place

Body tin Body levelling compound

PROFIline

» the tin replacement «



To the product video
www.petec.de

Container size

265 ml cartridge

(for commercial users only)

Item no.

96175

2-component body levelling compound that replaces tinning. For levelling and filling damage and repair spots.

- » for use on scratches, dents, weld seams and repair panels on sills, wheel arches, wings, bonnets, doors, roofs, tailgates, side parts and much more.
- » extremely good adhesion to many materials
- » can be moulded, sanded, ground and coated for excellent results
- » prevents contact corrosion
- » extremely viscous material
- » does not drip or run, also suitable for use on vertical surfaces

Area of application: For levelling, smoothing and filling of damage and repair spots such as scratches, dents, weld seams and repair sheet metals, for example, on door sills, wheel housings, mudguards, bonnets, doors, roofs, as well as rear and side parts.



Mould the body tin with a slight surplus, can be handled with a vehicle body plane once it has hardened. Temperature accelerates the hardening process, easy to use thanks to the innovative cartridge system. For processing, we recommend our applicator gun with a transmission ratio of 18:1 (item no. 81500). Not suitable for compressed air and battery squeeze guns. Accessories on pages 71, 73.

Technical data:	Body tin
Base	Epoxy resin
Colour	grey
Temperature resistance	-40°C to +90°C
Coat thickness	at least 2.5 mm
Pot life/application time	60 minutes
Hardening/final strength	8 to 12 hours / approx. 1 hour (heat treated) depending on temperature and coat thickness
Shelf life	12 months, store in a cool and dry place

BODY SEALING CORD & TAPES

Window & body sealant

white
 black



Container size	Item no.
310 ml cartridge white	83290
310 ml cartridge black	83300

Long-lasting adhesion of windows & body sealants made of butyl rubber for permanent sealing of front, rear, and side windows, body and attached parts.

- » permanent sealing of all materials
- » permanently adhesive, does not harden
- » can be dabbed onto itself
- » equalises stresses in the car body
- » reliably prevents the infiltration of damp, dirt and draught
- » reusable tip
- » temperature-resistant, UV-resistant, age-resistant and weatherproof
- » resistant to water, salt water, as well as diluted acids and alkaline solutions

Area of application: Can be used for sealing structures, highly-stressed joints and vibrating parts in body and container construction. For applications in the automotive, caravan, marine, construction and agricultural machinery sectors, as well as in industry and the trades.



Surplus material can be dabbed on to itself.
Accessories on pages 71, 72.

Body cord butyl, round

black



Size	Item no.
10 mm diameter x 10 m roll	87510

Self-adhesive and long-lasting plastic body sealing cord and body sealing tapes made from butyl for sealing of overlaps on the bodywork.

- » excellent adhesion to all materials
- » adapts to the seal gap
- » prevents contact corrosion
- » noise and vibration absorbent
- » immediate further application and sealing effect
- » can be kneaded
- » silicone and solvent-free
- » can be re-coated
- » non-destructive removal
- » temperature-resistant, UV-resistant, age-resistant, and weatherproof
- » resistant to water, salt water, as well as diluted acids and alkaline solutions

Area of application: For sealing joints, cavities, bumps, seams and overlaps on body and sheet metal parts (e.g. mudguards, apertures, ducts, protective strips, trim strips, headlights, brake lights and reversing lights, number plates, spoilers, door foils, door panels and much more) against damp, dust and draught.

Body tape butyl, flat

grey
 white



Size	Item no.
2 mm x 20 mm x 16 m roll – grey	87520
2 mm x 20 mm x 3 m blister pack – white	87530

Technical data:	Window & body sealant	Body cord	Body tape
Base	Butyl rubber	Butyl rubber	Butyl rubber
Colour	white / black	black	grey / white
Temperature resistance	-30°C to +80°C	-30°C to +100°C	-30°C to +100°C
Hardening	approx. 24 hours (depending on temperature and coat thickness, permanently adhesive)		
Shelf life	24 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place



To the product video
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Body insulating & acoustic mat

■ PU foam, black



Size	Item no.
500 x 500 x 10 mm board	87600

- Flexible, PU foam, noise reduction mat with self-adhesive backing to one side, to remove and reduce sound and noises on the bodywork.
- » excellent adhesion to metal and plastics
 - » for insulating body parts such as the interior, roof and floor sections as well as the bonnet and boot lid and much more
 - » noise and vibration absorbent
 - » suitable for all frequency ranges
 - » excellent for CAR HiFi conversions
 - » dirt and spray water repellent
 - » temperature-resistant, UV-resistant, age-resistant, and weatherproof
 - » absorbs sound & noise

Area of application: For eliminating noise nuisances. For applications in the automotive, vehicle construction, car HiFi & tuning conversion sectors, such as installation of power amplifiers, doorboards, crossovers, soundboards, speaker and speaker construction (woofers, mid-range speakers, tweeters, basses), caravans, buses, shipping, construction and agricultural machinery, heating and mechanical engineering, industry, trades (roller shutter boxes and window sills), as well as for domestic (garage and sink) and DIY applications.

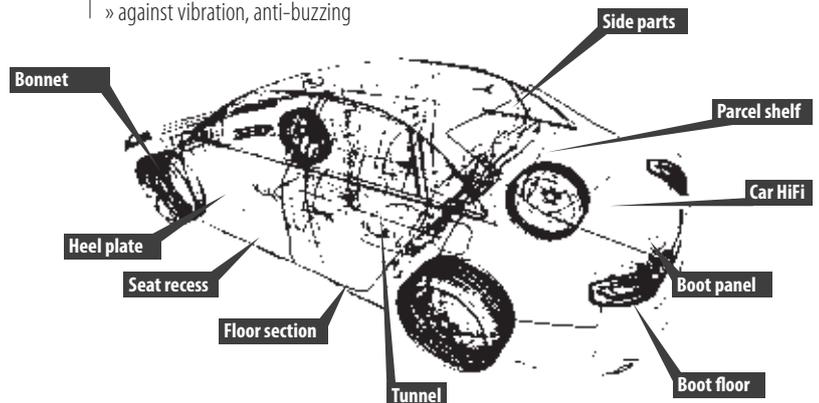
Body insulating & acoustic panel

■ Bitumen, black



Size	Item no.
500 x 500 x approx. 2 mm board	87610

- Flexible, bitumen-based, noise reduction panel with self-adhesive backing to one side, to remove and reduce sound and noises on the bodywork.
- » excellent adhesion to metal and plastics
 - » for insulating body parts such as the interior, roof and floor sections as well as the bonnet and boot lid and much more
 - » noise and vibration absorbent
 - » suitable for all frequency ranges
 - » excellent for CAR HiFi conversions
 - » dirt and spray water repellent
 - » temperature-resistant, UV-resistant, age-resistant, and weatherproof
 - » against vibration, anti-buzzing



Technical data:	Body insulating board & acoustic mat PU foam	Body insulating board & acoustic panel bitumen
Base	PU foam	Bitumen
Colour	black	black
Temperature resistance	-40°C to +100°C	-40°C to +100°C
Surface weight	approx. 0.41 kg / m ²	approx. 2.02 kg/m ² ± 0.2 kg/m ²
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place

UNDERBODY PROTECTION & CONSERVATION

Underbody protection bitumen

■ black



Container sizes	Item no.
500 ml spray	73150
1000 ml vacuum can	73110
1000 ml brush can	73100

Optimum protection against rust and stone chips in corrosion-prone areas.

- » long-term protection against rust and stone chips
- » very good adhesion to metallic surfaces
- » forms a permanent, visco-elastic and closed protective film with anti-buzzing effect
- » resistant to water, salt spray, oil as well as diluted acids and bases
- » cannot be re-coated



To the product video
www.petec.de

Stone chip & underbody protection

■ black

■ grey



Container sizes	Item no.	Container sizes	Item no.
500 ml spray	73250	500 ml spray	73350
1000 ml vacuum can	73210	1000 ml vacuum can	73310

For optimum protection against rust and stone chips in many corrosion-prone areas. When dried, stone chip and underbody protection forms an elastic, structural and closed protective film with anti-buzzing effect.

- » protects repair and body parts from rust and stone chips
- » very good adhesion to many surfaces
- » forms an elastic, structural and closed protective film with anti-buzzing effect
- » can be re-coated
- » does not become brittle or cracked and adheres even at high temperatures
- » breathable underbody protection, also suitable for wood applications in the caravan sector
- » no streak formation and does not drip
- » resistant to water, salt spray, oil as well as diluted acids and bases



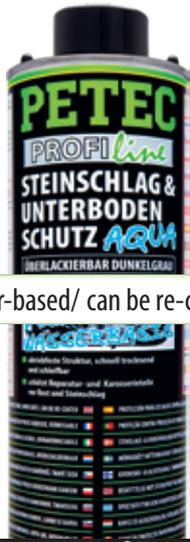
To the product video
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Observe application temperature, shake or stir can well before use. Do not spray on exhaust, tyres and brakes. Accessories on pages 71, 74.

Technical data:	Underbody protection bitumen	Stone chip & underbody protection
Base	Bitumen	Synthetic rubber
Hardening system	humidity	humidity
Colours	black	black, grey
Working pressure (vacuum can)	3 – 4 bar	3 – 4 bar
Temperature resistance	–25°C to +100°C (hardened)	–30°C to +100°C (hardened)
Salt spray test (DIN 50021)	up to 1,000 hours, Ri 0 at 400 µm dry layer	up to 480 hours, Ri 0 at 350 µm dry layer
Through-drying	approx. 3.5 hours at 500 µm (depending on temperature and coating thickness)	approx. 2 hours at 500 µm (depending on temperature and coating thickness)
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Stone chip & underbody protection AQUA
 dark grey



» water-based/ can be re-coated «

PROFILine

Container sizes	Item no.
1000 ml vacuum can	73710

Water-based, with very good adhesion to many surfaces. Optimum protection against rust and stone chips in all areas corrosion-prone areas. Forms an elastic, structural and closed protective film with anti-buzzing effect.

- » environmentally-friendly
- » no streak formation and does not drip
- » dries visibly, fast further application
- » abrasion-resistant structure, fast drying and sandable
- » protects repair & body parts from rust and stone chips
- » does not become brittle or cracked and adheres even at high temperatures
- » resistant to water, salt spray, oil as well as diluted acids and bases
- » restores the OEM structure
- » breathable underbody protection, also suitable for wood applications in the caravan sector



To the product video
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Multi UBS Wax
 translucent black



Container sizes	Item no.	Container sizes	Item no.
500 ml spray	73450	500 ml spray	73460
1000 ml vacuum can	73410	1000 ml vacuum can	73420

Provides optimum corrosion and stone chip protection in corrosion-prone areas and adheres to many surfaces.

- » protects and maintains body and metal parts
- » quick-drying, long-lasting plastic protective film
- » very good adhesion
- » heat-resistant to +200°C
- » suppresses moisture
- » extremely well suited to protection and post-conservation
- » flexible and slightly tacky wax layer with excellent temperature resistance
- » will not crack or become brittle
- » outstanding penetrative properties
- » high heat resistance and good cold flexibility
- » resistant to water, salt spray, oil as well as diluted acids & bases



Multi UBS Wax offers a choice of transparent or black protective film. Accessories on pages 71, 74.

Technical data:	Stone chip & underbody protection AQUA	Multi UBS Wax
Base	Water-based	Oil and paraffin wax
Hardening system	humidity	–
Colours	dark grey	translucent / black
Working pressure (vacuum can)	4 – 6 bar	3 – 4 bar
Temperature resistance	–30°C to +140°C (hardened)	–35°C to +200°C (dried)
Salt spray test (DIN 50021)	>1,000 hours, Ri 0 at 400 µm dry layer	up to 1,000 hours, Ri 0 at 100 µm dry layer
Through-drying	approx. 2 hours at 500 µm (depending on temperature and coating thickness)	approx. 2 hours at 500 µm (depending on temperature and coating thickness)
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Cavity protection & conservation

translucent



Container sizes	Item no.
500 ml spray	73550
1000 ml vacuum can	73510

- Offers optimum protection in all corrosion-prone areas. Thanks to its outstanding penetrative properties, barely accessible body cavities can also be reached.
- » long-term corrosion protection for body cavities
 - » quick-drying, long-lasting plastic protective film
 - » moisture displacing, does not become cracked or brittle
 - » flexible and slightly sticky wax layer
 - » very good penetration ability, barely-accessible body cavities can also be reached
 - » infiltrates and suppresses moisture
 - » high heat resistance and good cold flexibility
 - » resistant to water, salt spray, oil as well as diluted acids and bases
 - » including 60 cm spray probe (spray)



To the product video
www.petec.de



Observe the application temperature, shake or stir the can well before use, not to be sprayed on exhausts, tyres or brakes. Accessories on pages 71, 74.

Engine protection wax

translucent



Container sizes	Item no.
500 ml spray	73430

- High gloss sealant and corrosion inhibitor for engines and other parts. Provides reliable protection against corrosion, dirt, wetness and creeping currents.
- » glossy corrosion protection
 - » protects and maintains plastic and metal parts
 - » suppresses moisture
 - » extremely well suited for protection and post-conservation
 - » resistant to ageing and weathering

Cable grease

Spray / Vacuum can / Canister



Container size	Item no.
500 ml spray	71650
1000 ml vacuum can	73610
5 litre canister	73615

- Long-term corrosion protection for body and cavities. The grease provides optimum and viscoplastic protection in many areas at risk of corrosion.
- » extreme adhesion and resilience
 - » can also be used as protection for the underfloor and cavities.
 - » moisture displacing, does not become cracked or brittle
 - » outstanding penetrative properties, infiltrates and suppresses moisture
 - » after drying, the product forms a viscoplastic protective layer
 - » protects against corrosion and stone impact
 - » high heat resistance and good cold flexibility
 - » extremely well suited to protection and post-conservation
 - » silicone-free
 - » resistant to water, salt spray, oil as well as diluted acids and bases



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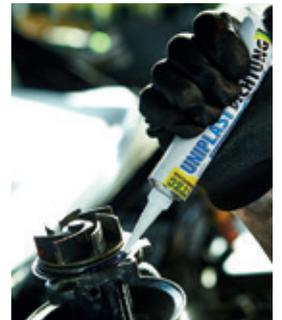
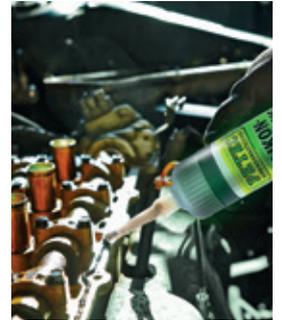
For "Rope grease" as a long-term lubricant see page 55.

Technical data:	Body cavity protection & conservation	Engine protection wax	Rope grease spray	Vacuum can / canister
Base	Oil and paraffin wax	–	grease/bitumen	oil and paraffin wax
Colours	translucent	–	black	amber
Working pressure (vacuum can)	3 – 4 bar	–	–	3 – 4 bar
Temperature resistance	–35°C to +200°C (dried)	–	–35°C to +100°C	–35°C to +100°C
Salt spray test (DIN 50021)	up to 1,000 hours, Ri 0 at 100 µm dry layer	–	>1,000 hours, Ri 0 at 200 µm dry layer	
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place	

PROFESSIONAL SEALING PRODUCTS



Areas of application:	High temperature silicone black Item no. 97720 item. no. 97780	High temperature silicone grey Item no. 97620 item. no. 97680	High temperature silicone HT red Item no. 97820 item. no. 97880	High temperature silicone white Item no. 97920	Uniplast Seal Item no. 97510	Low-strength surface sealant, green Item no. 97075	Medium-strength surface sealant, orange Item no. 97175
Axles	●	●	●	●		●	●
Air intake system	●	●	●	●	●		
Differential casing	●	●	●	●		●	●
Flanged joints	●	●	●	●		●	●
Injection pump					●	●	●
Gearbox casing	●	●	●	●		●	●
Fuel pump, oil pump					●	●	●
Crankcase						●	●
Compressor						●	●
Camshaft casing						●	●
Oil sump	●	●	●	●	●		
Side cover, front cover	●	●	●	●	●	●	●
Timing case	●	●	●	●	●	●	●
Thermostat	●	●	●	●	●		
Valve cover	●	●	●	●	●		
Carburettor					●	●	●
Water pump	●	●	●	●	●		



Colour choice silicone sealing

Manufacturer	Colours available for applications:							
	Oil sump		Valve cover		Side cover, front cover		Water pump	
Alfa	● red		● red		● red		● red	
Audi, VW, Seat, Skoda	● grey	● white	● grey	● white	● grey	● white	● grey	● white
BMW, Mini	● black		● black		● black		● black	
Chrysler	● black		● black		● black		● black	
Citroen	● grey		● grey		● grey		● grey	
Dacia	● black		● grey		● black		● black	
Fiat	● black		● black		● black		● black	
Ford	● black	● red	● black	● red	● black	● red	● black	● red
GM, Opel	● black		● red		● black		● black	
Honda	● grey		● grey		● grey		● grey	
Hyundai	● grey		● grey		● grey		● grey	
Kia	● black		● black		● black		● black	
Mazda	● black	● grey	● black	● grey	● black	● grey	● black	● grey
Mercedes, Smart	● black		● black		● black		● black	
Mitsubishi	● grey		● grey		● grey		● grey	
Nissan	● grey		● grey		● grey		● grey	
Peugeot	● black		● black		● black		● black	
Renault	● grey		● grey		● grey		● grey	
Suzuki	● red		● red		● red		● red	
Toyota	● grey		● grey		● grey		● grey	
Volvo	● grey		● grey		● grey		● grey	



Our technical advice – whether verbal, in writing or by way of trials – is given as per the current state of our knowledge. We guarantee the quality of our products. However, we always recommend that you carry out your own tests (before final application), as the application, use, storage and processing of our products, including testing of the combination to be produced (material, surfaces, weathering, surroundings and, if necessary, further processing, finishing or varnishing) are beyond our control and must therefore be checked by and are the responsibility of the user. Therefore, we cannot assume any liability for the processing result in individual cases.

ENGINE SEALANTS

High-temperature silicone seal, permanently elastic

■ grey

■ black

■ red

□ white

» permanently elastic engine sealing compounds «



Container sizes	Item no.	Container sizes	Item no.	Container sizes	Item no.	Container sizes	Item no.
70 ml tube blister pack	97680	70 ml tube blister pack	97780	70 ml tube blister pack	97880	200 ml automatic can	97920
200 ml automatic can	97620	200 ml automatic can	97720	200 ml automatic can	97820		

1-component, permanently elastic silicone for applications subject to high thermal loads. The alternative to conventional solid seals!

- » replaces solid seals
- » permanently elastic and dimensionally stable
- » fills gaps, roughness depths and irregularities
- » no setting of the seal
- » UV-resistant, climate resistant
- » resistant to water, salt water, coolant, oil, as well as to many chemicals and fuel to some extent
- » seals permanently
- » capable of sealing large gaps
- » no loss of clamping force

Area of application: Seals metal parts (aluminium, casting, steel, etc.), plastics, glass, ceramic and wood, e.g. oil sumps, gear oil sumps, gearbox casing, differential seals, water and oil pumps, thermostat housings, drive shaft casings, valve covers, spur gear covers, timing case covers, battery boxes, headlights, tail lights, protective casings, and much more. Seals even without disassembly.



for application in areas under a high-temperature load



To the product video
www.petec.de



One seal, many uses, every shape can be readjusted, quick start up after around 60 minutes. Accessories on page 72.

Technical data:	Silicone seal black, grey	Silicone seal red	Silicone seal white
Base	Polysiloxane, acetate cross-linked	Polysiloxane, acetate cross-linked	Polysiloxane, acetate cross-linked
Hardening system	humidity	humidity	humidity
Temperature resistance	-50°C to +260°C	-60°C to +260°C, short-term up to +300°C	-50°C to +180°C
Tensile strength	2.0 N / mm ²	2.0 N / mm ²	1.8 N / mm ²
Shore A hardness	22	22	20
Elongation at break	300%	300%	450%
Processing time/skin formation	approx. 10 minutes	approx. 10 minutes	approx. 10 minutes
Start up operation	approx. 60 minutes	approx. 60 minutes	approx. 60 minutes
Through-hardening (at +22°C)	approx. 1 mm / 5 hours	approx. 1 mm / 5 hours	approx. 1 mm / 5 hours
Shelf life	24 months, store in a cool and dry place	24 months, store in a cool and dry place	24 months, store in a cool and dry place

Surface seal hardening
■ green, low-strength

■ orange, medium-strength

» fuel-resistant engine sealing compounds «



Container sizes

Item no.

Container sizes

Item no.

75 ml press box

97075

75 ml press box

97175

Hardening seal for sealing metal surfaces and flanged joints, such as pumps, gearbox housings, differentials and motor flanges.

- » quick anaerobic hardening
- » replaces solid seals, levels roughness depths
- » no setting of the seal and no loss of clamping force
- » bridges seal gaps up to 0.50 mm
- » resistant to corrosion, vibration, loads, heat, water, salt water, oil, fuel, coolant, hydrocarbon and many other chemicals

Area of application: Automotive, engine, gear, machine construction (pumps, gearbox casings, differentials & motor flanges).



Anaerobic hardening: Hardens only between two metallic surfaces without oxygen. For quicker hardening at low processing temperatures (below +5°C), large gaps as well as on stainless steel and non-metallic parts, we recommend PETEC activator for anaerobic adhesives and sealants (item no. 90920). Accessories on page 69.



To the product video
www.petec.de

Uniplast sealant
■ blue, permanently elastic

» permanently elastic sealing compound «



Container size

Item no.

80 ml tube blister pack

97510

Filler for solid gasket seals

- » enhances solid gasket seals (e.g. cork, paper, rubber, metal) and improves long-term sealing properties.
- » remains plastic, does not harden
- » immediate further application possible
- » silicone and solvent-free
- » resistant to water, salt water, oil, fuel, coolant, antifreeze, etc. Chemicals

Area of application: Housing, pump, surface and flanged joints in combination with solid gasket seals.



Use only in combination
 with a solid seal.

Technical data:	Low strength surface seal	Medium strength surface seal	Uniplast seal
Hardening system	anaerobic	anaerobic	plastic
Colour	green	orange	blue
Viscosity	17 – 50 Pa·s	30 – 100 Pa·s	1,200,000 Pa·s
Temperature resistance	–55°C to +150°C	–55°C to +150°C	–50°C to +180°C
Gap bridging	0.3 mm	0.5 mm	–
Tensile shear strength	4 – 6 N / mm ²	5 – 10 N / mm ²	–
Fixture time	15 – 30 minutes	15 – 30 minutes	–
Functional strength	3 – 6 hours	3 – 6 hours	immediately
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Screw locking

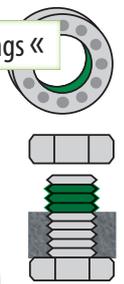
 medium strength

 high strength



Screw locking

 super-strong (bearing & bushing adhesive)



» also for bearings & bushings «

Container sizes

Item no.

5 g bottle blister pack	91005
10 g bottle (not shown)	91010
50 g bottle	91050
250 g bottle (not shown)	910250

Container sizes

Item no.

5 g bottle blister pack	92005
10 g bottle (not shown)	92010
50 g bottle	92050
250 g bottle (not shown)	920250

Container sizes

Item no.

5 g bottle blister pack	93005
10 g bottle (not shown)	93010
50 g bottle	93050
250 g bottle (not shown)	930250

For securing and sealing threaded joints such as screws, nuts, bolts and much more.

- » quick anaerobic hardening
- » reliably secures fine, medium and coarse threads
- » for securing safety-critical screws
- » resistant to corrosion, vibration, water, salt water, oil, fuel, coolant and many other chemicals



Anaerobic hardening: Hardens only between two metallic surfaces without oxygen. For quicker hardening at low processing temperatures (below +5°C), large gaps as well as on stainless steel and non-metallic parts, we recommend PETEC activator for anaerobic adhesives and sealants (item no. 90920). Accessories on page 69.



To the product video
www.petec.de

For securing and sealing joints such as bearings, bushings, shafts, bolts and many other cylindrical parts, as well as threaded connections such as screws, nuts and much more.

- » quick anaerobic hardening
- » super-strong joint – very difficult to undo
- » secures fine, medium and coarse threads reliably
- » resistant to corrosion, vibration, water, salt water, oil, fuel, coolant and much more Chemicals

Technical data:	medium strength	high strength	super strength
Base	anaerobic adhesive and sealant	anaerobic adhesive and sealant	anaerobic adhesive and sealant
Hardening system	anaerobic	anaerobic	anaerobic
Viscosity	2,000 – 7,500 mPa·s	500 mPa·s	500 mPa·s
Temperature resistance	–55°C to +200°C (short-term +250°C)	–55°C to +150°C	–55°C to +175°C
Max. gap-filling capability	0.25 mm	0.15 mm	0.15 mm
Thread size up to	M36	M20	M20
Breakaway torque	18 – 23 Nm	28 – 35 Nm	30 – 35 Nm
Shear strength	9 – 13 N / mm ²	15 – 20 N / mm ²	20 – 30 N / mm ²
Fixture time	10 – 20 minutes	10 – 20 minutes	2 – 5 minutes
Functional strength	1 – 3 hours	1 – 3 hours	1 – 3 hours
Hardening time	3 – 6 hours	5 – 10 hours	2 – 4 hours
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place

Bearing fix
Bearing, bushing & joint adhesive



Container size	Item no.
50 g press box	93150

For fastening, securing and replacing used or worn-out bearings, bushings, shafts, housings, studs, grooves and threads from metal.

- » quick anaerobic hardening
- » high-strength joint
- » prevents the components seizing up
- » fills and bridges large gap widths to 0.30 mm
- » resistant to vibration, load, heat, corrosion, fuel, oil and many other chemicals

Area of application: bearings, bushings, shafts, housings, studs and grooves.

 *Anaerobic hardening: Hardens only between two metallic surfaces without oxygen. For quicker hardening at low processing temperatures (below +5°C), large gaps as well as on stainless steel and non-metallic parts, we recommend PETEC activator for anaerobic adhesives and sealants (item no. 90920). Accessories on page 69.*

Screw locking varnish

 yellow  red

» brush bottle «



Size	Item no.	Size	Item no.
20 ml brush bottle	90120	20 ml brush bottle	90220

For marking and sealing.

- » good adhesion
- » very fast drying time
- » for optical securing
- » for documentation of safety-critical screws and adjusting screws for assembly and manufacturing operations, for example
- » resistant to water, fuel, oil and many other chemicals

Area of application: For optical marking of safety-critical screws and nuts on machines, brakes, chassis/wheel suspension, steering systems and much more.



 To the product video
www.petec.de

Technical data:	Bearing fix	Screw locking varnish
Base	–	combination of cellulose nitrate and alkyd resin
Hardening system	anaerobic	–
Colour	Silver	yellow, red
Temperature resistance	–55°C to +150°C	–30°C to +120°C
Gap-filling capability	0.30 mm	–
Breakaway torque	40 – 45 Nm	–
Residual torque	15 – 20 Nm	–
Shear strength	25 – 30 N / mm ²	–
Fixture time	15 – 30 minutes	5 – 20 minutes (each depending on the coat thickness)
Functional strength	3 – 6 hours	–
Hardening time	12 hours	5 – 10 hours
Shelf life	36 months, store in a cool and dry place	24 months, store in a cool and dry place

Thread sealing string



» for all thread types and materials «



Length	Item no.
175 m coil	85175

Unique thread sealing string for sealing metallic and plastic threads.

- » for all threads and materials
- » bridges sealing gaps of different sizes
- » forms a P.T.F.E. film in the exact required strength while connecting the thread and conforms to every pipe diameter
- » bridges sealing gaps of different sizes
- » unlimited durability
- » non-flammable or non-combustible
- » always remains soft and flexible
- » every coil has a protected 360° blade and an integrated lubricant
- » resistant to heat, corrosion, vibration, gas, water, salt water, oil, fuel, coolant and many other chemicals

Area of application: Can be used for all thread types, both metal and plastic. For use in the heating, sanitary & installation sector, in industry and for automotive and domestic applications. Also suitable for thread connections on solar plants.

Hydraulic & pneumatic sealant

» high pressure-resistant up to 120 bar «



Container size	Item no.
50 g bottle	90550

Low-viscosity, high-strength and high-pressure resistant hydraulic & pneumatic sealant for threads up to M20 / ¾" with a gap dimension of up to 0.15 mm. Temperature resistant to +150°C and pressure-resistant to 120 bar.

- » quick anaerobic hardening
- » reliably secures and seals threads
- » can replace P.T.F.E. tapes and hemp
- » resistant to corrosion, vibration, water, salt water, oil, fuel, coolant, hydrocarbon and many other chemicals

Area of application: For securing and sealing hydraulic and pneumatic threaded joints, cables, screws, nuts, bolts and much more in the high-pressure range of up to max. 120 bar.



Anaerobic hardening: Hardens only between two metallic surfaces without oxygen. Accessories on page 69.

Technical data:	Thread sealing string	Hydraulic & pneumatic sealant
Base	Polytetrafluoroethylene (P.T.F.E.)	Anaerobic adhesive and sealant
Hardening system	–	anaerobic
Colour	–	brown
Temperature resistance	–200°C to +240°C	–55°C to + 150°C
Gap-filling capability	depending on the winding	0.15 mm / ¾" / M20
Max. pressure	up to 20 bar (depending on the medium)	up to 120 bar
Breakaway torque	–	12 – 18 Nm
Residual torque	–	10 – 20 Nm
Fixture time	–	10 – 20 minutes at +23°C
Functional strength	immediately	1 – 3 hours at +23°C
Hardening time	–	3 – 6 hours
Shelf life	unlimited	36 months, store in a cool and dry place

Thread sealant

■ medium strength blue



» Universal «



Gas approval tested to DIN EN 751-1

Container sizes	Item no.
15 g bottle blister pack	97216
100 g bottle	97210

High viscosity, medium-strength and temperature-resistant universal thread sealant for threads with a large gap dimension of up to 0.6 mm / 4". Temperature resistant to +180°C and pressure-resistant to 60 bar.

Pipe & thread sealant

■ high strength yellow

□ low strength white



» for gas, drinking water and the food-related sector «



Gas approval tested to DIN EN 751-1



Approved for drinking water



Approved for food

Nonfood Compounds Program Listed P1 Registration No. 162028

Container size	Item no.
50 g bottle	97217

High-viscosity, high-strength and high-pressure resistant pipe & thread sealant for large threads up to M56 / 2" with a gap dimension of up to 0.3 mm. Temperature resistant to +150°C and pressure-resistant to 120 bar.



» PTFE-based for large threads to M80 / 2" «

Container size	Item no.
50 g bottle	97218

High viscosity and low strength PTFE-based pipe & thread sealant for large bolts up to M80 / 2" with a gap dimension of up to 0.3 mm. Temperature resistant to +150°C and pressure-resistant to 60 bar.

For sealing and securing metallic screwed threads against gas, air, water, fuels, oil and many chemicals.

- » fast anaerobic hardening
- » easy to remove
- » reliably seals fine, medium and coarse threads
- » resistant to corrosion, vibration, gas, air, water, salt water, fuels, oil, liquid gas, coolant and many other chemicals
- » vibration-resistant
- » for small and large gap widths
- » can replace hemp, P.T.F.E. tapes as well as solid seals
- » fuel and oil-resistant

Area of application: Installation and sanitary sector, pipeline construction, industry, automotive, water management, gas, chemicals and oil industry.



Anaerobic hardening: Hardens only between two metallic surfaces without oxygen. For quicker hardening at low processing temperatures (below +5°C), large gaps as well as on stainless steel and non-metallic parts, we recommend PETEC activator for anaerobic adhesives and sealants (item no. 90920). Accessories on page 69.

Technical data:	Thread sealant	Pipe & thread sealant yellow	Pipe & thread sealant white
Base	Anaerobic adhesive and sealant	Anaerobic adhesive and sealant	Anaerobic adhesive and sealant
Hardening system	anaerobic	anaerobic	anaerobic
Colour	blue	yellow	white
Temperature resistance	-55°C to +180°C	-55°C to +150°C	-55°C to +150°C
Gap bridging	0.6 mm / 4"	0.3 mm, max. M56 / 2"	0.3 mm, max. M80 / 2"
max. pressure	up to 60 bar	to 120 bar (to 10 bar for gas)	up to 60 bar
Breakaway torque	8 – 14 Nm	18 – 24 Nm	6 – 11 Nm
Shear strength	4 – 6 N / mm ²	6 – 13 N / mm ²	4 – 6 N / mm ²
Fixture time	30 – 60 minutes	15 – 30 minutes	20 – 40 minutes
Functional strength	1 – 3 hours	1 – 3 hours	1 – 3 hours
Hardening time	5 – 10 hours	5 – 10 hours	5 – 10 hours
Shelf life	36 months, store in a cool and dry place	36 months, store in a cool and dry place	36 months, store in a cool and dry place

TECHNICAL SPRAYS / REPAIRING & LUBRICATING

Multi-function spray MF500



Container size	Item no.
500 ml spray	71250
24 x 500 ml spray, including display	

Universal product for cleaning, loosening, lubricating, protecting and maintaining.

Lubricant – for joints, hinges, guides, sliding/ball bearings and much more.

Maintenance – eliminates persistent squeaking and creaking noises

Rust remover – for firmly rusted screw and metal joints, infiltrates and loosens corroded connections

Maintenance agent – removes flash rust and preserves

Cleaning agent – dissolves encrusted and resinified lubricant residues and leaves behind a wafer-thin, antistatic protective film, cleans and maintains metallic surfaces

Preservative – protects against oxidation and corrosion

Improves contact – for electrical contacts, prevents current leaks and suppresses moisture

- » for universal use
- » lubricates and protects
- » cleans and maintains
- » loosens up rusted parts
- » silicone-free
- » bonds to many materials
- » resistant to water, salt water, weak acids and bases
- » variable spray head for spot and large-area applications
- » 360° valve, can be used overhead

Colour: transparent

Temperature resistance: –30°C to +90°C

Shelf life: 36 months



▶ to the product video
www.petec.de

Service adhesive grease spray transparent



Container size	Item no.
500 ml spray	71550

High pressure-resistant, long-lasting greasing agent with very high adhesion, even under extreme stress. The penetrative greasing and corrosion protection agent serves as a long-lasting lubricant for bearings, hinges, joints, rods, bell cranks, spindles, guides, slide rails, door bolts, O-rings, chains, wire cables and all parts exposed to high pressure, knocks and oscillations.

- » long-lasting greasing
- » highly viscous grease with excellent absorption properties
- » extreme adhesion
- » high pressure-resistant
- » tremendous penetrative ability
- » protects against oxidation & corrosion
- » silicone-free
- » resistant to spray and salt water
- » variable spray head for spot and large-area applications
- » 360° valve, can be used overhead

Colour: translucent

Temperature resistance: –30°C to +200°C

Shelf life: 36 months



▶ to the product video
www.petec.de

Brake cleaner
Spray

Liquid



Container size

500 ml spray

60 litre drum (only for commercial users)

Item no.

70060

70066

For quick cleaning and degreasing of drum and disc brakes, braking accessories and coupling parts. Can also be used for cleaning very oily and soiled engine and machine parts.

- » very good cleaning efficiency, degreases thoroughly, takes effect and dries quickly
- » acetone-free
- » universal use, very good penetration properties
- » multi-functional
- » fast acting
- » residue-free
- » non-corrosive, does not attack rubber and plastic parts
- » 360° valve, can be used overhead (500 ml spray)

Shelf life: 36 months



Accessories on page 74.



To the product video
www.petec.de

TECHNICAL SPRAYS / CLEANING

Industrial express & parts cleaner

»with acetone«



Container size	Item no.
500 ml spray	71750

For residue-free removal of oils, greases, resins and adhesive residue before maintenance and assembly work on e.g. engine and machine parts, springs, electrical equipment, starter motors, roller bearings, guides and various assembly parts.

- » extreme cleaning power with acetone
 - » cleans deep into the pores
 - » very good penetration properties
 - » for universal use
 - » degreases and removes resin
 - » residue-free
 - » degreases thoroughly and dries quickly
 - » silicone-free
 - » 360° valve, can be used overhead
- Shelf life: 36 months

Silicone remover



Container size	Item no.
500 ml spray	70950

For quick cleaning and degreasing of dirt accumulation (silicone, oil, grease residues) on metal, cast, light metal, ceramic, glass, rubber and plastic parts.

- » quickly and thoroughly removes residues containing silicone as well as adhesive and sealants
 - » very good cleaning action and quick-drying
 - » for universal use
 - » completely residue-free
 - » ideal for preparing surfaces for painting/varnishing
 - » also suitable as a sealant residue remover
 - » non-corrosive
 - » silicone-free
 - » 360° valve, can be used overhead
- Shelf life: 36 months

Compressed air spray High pressure



Container size	Item no.
400 ml spray	72150

For cleaning and dusting inaccessible places such as scratches, joints and cracks in, for example, fittings, radios, vent slots, keyboards, photographic equipment, clocks and other electronic manufactured accessories on devices and machines. Suitable for removing dust and dirt from the precise components and electronics.

- » also cleans those places that are difficult to access
 - » residue-free
 - » easy to use
 - » odour-free, colourless, solvent-free
 - » highly effective spray pattern
 - » solvent and silicone-free
 - » including spray probe
- Shelf life: 36 months



Accessories on page 74.



Go to the product video
www.petec.de



Many of the sprays can be applied through 360°

Diesel particulate filter cleaner Foam



Container size	Item no.
400 ml spray	72550

For dissolving impurities and for cleaning diesel particulate filters.

- » dissolves & removes carbon and ash deposits
- » cleans without removing the DPF
- » quick & effective
- » improves exhaust values and prevents performance loss
- » silicone-free
- » including 60 cm spray probe
- » 360° valve, can be used overhead

Shelf life: 36 months

 Can also be used for cleaning exhaust gas recirculation valves.
Accessories on page 74.

Air-intake system, throttle valve & carburettor cleaner



Container size	Item no.
500 ml spray	72450

Loosens contamination and cleans the intake system.

- » loosens contamination and deposits
- » for petrol and diesel engines
- » improves exhaust values and prevents performance loss
- » quick and effective
- » lowers fuel consumption
- » silicone-free
- » including 60 cm spray probe
- » 360° valve, can be used overhead

Shelf life: 36 months

 Accessories on page 74.



Clean like the professionals!



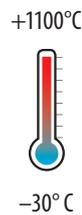
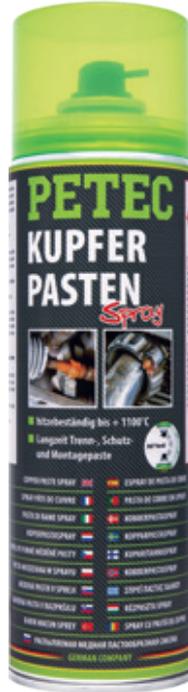
Sprays for cleaning and maintenance on pages 62 / 63.

Ceramic paste spray

» metal-free «



Copper paste spray



Grease spray

white



Container size	Item no.
500 ml spray	70650

For long-term lubrication of highly-stressed sliding surfaces of all types as well as for bayonet, plug-in and screwed joints exposed to high temperatures and corrosive influences such as braking systems, pipe, flange and valve screws.

- » free of metal, no impairment of sensors in braking systems
- » allows easy removal, even after they have been in operation for a long time
- » long-term resistance to water, salt water as well as to many acids and alkaline solutions
- » metal-free lubrication, anti-corrosive
- » silicone-free
- » 360° valve, can be used overhead

Colour: white
Temperature resistance: -20° C to +1500° C
Shelf life: 36 months



To the product video
www.petec.de

Container size	Item no.
500 ml spray	70350

For long-term lubrication of screwed connections and joints (pipe, flange and fitting joints) exposed to high temperatures and corrosive influences, e.g. lambda probe, glow plug, spark plug, exhaust gas recirculation, turbocharger, diesel particle filter, rear silencer, brakes and accessories, manifold, exhaust pipe, engine and combustion chamber screw connections. The moisture-repellent copper paste is economical and characterised by very good adhesion and excellent lubricating properties, even under extreme conditions. The high copper content prevents seizing or rusting due to high temperatures and temperature fluctuations, even over long periods of operation. The copper paste combines lubricant, glide lubricant, corrosion protection agent, release agent and assembly paste in one product.

- » long-lasting isolating, protective and assembly paste
- » electrically conductive
- » allows easy removal, even after they have been in operation for a long time
- » resistant to water, salt water, weak acids and bases
- » silicone-free
- » 360° valve, can be used overhead

Temperature resistance: -30° C to +1100° C
Shelf life: 36 months



To the product video
www.petec.de

Container size	Item no.
500 ml spray	70250

For long-term lubrication of highly-stressed slide, anti-friction and joint bearings, spindles and guides on engine and machine parts, as well as for hinges, door retaining straps, lock cylinders and much more. Also suitable as assembly paste and battery grease.

- » maintenance grease for long-term lubrication
- » corrosion protection
- » very good adhesion
- » lubricates moving parts and sliding surfaces
- » hydrophobic
- » conducts electricity
- » silicone-free
- » resistant to water, salt water, weak acids and bases

Colour: white
Temperature resistance: -30° C to +120° C
» 360° valve, can be used overhead
Shelf life: 36 months



To the product video
www.petec.de



Many of the sprays can be applied through 360°

Silicone spray

» gliding & lubricating agent «

» maintenance agent «

» insulating spray, protecting and release agent «



Container size	Item no.
500 ml spray	70850

Transparent and grease-free protective, lubricating, release agent and care product. For care and maintenance of metallic, plastic and rubber parts with excellent lubricating effect and long-lasting protection. Treated surfaces are given a sheen and do not become porous.

Gliding & lubricating agent – for the lubrication of moving parts, can also be used as an ANTI squeak agent and assembly aid

Care product – plastic, rubber & metal care, cockpit spray, tyre shine, engine shine & sealant)

Insulating spray – prevents leakage current in electrical parts

Protective and release agent – prevents parts from adhering during the manufacturing process

- » permanently lubricates, maintains, protects and impregnates
- » no gumming, grease and adhesive-free
- » reduces wear and tear
- » extremely well suited for protection and post-conservation
- » rubber parts no longer dry out/remain supple
- » protects from moisture and prevents corroding
- » resistant to water, salt water, weak acids&bases
- » suitable for indoor & outdoor areas
- » 360° valve, can be used overhead

Colour: transparent
Temperature resistance:
–30°C to +160°C
Shelf life: 36 months



To the product video
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Graphite oil Universal oil



Container size	Item no.
500 ml spray	72250

Multi-functional agent for lubrication, corrosion protection, maintenance and cleaning in many applications.

- » dissolves, lubricates, protects, cleans
- » **Lubricant** – for moving parts, e.g. joints, hinges, rollers, gears, belts, chains and bicycle chains, running and guide rails, locks, sliding and ball bearings
- » **Rust dissolver** – for rusted screw and metal joints
- » **Care product** – for measuring tools and precision instruments, removes flash rusting and preserves
- » **Improves contact** – for electrical contacts, prevents current leaks and displaces water
- » **Cleaning agent** – dissolves encrusted and resin-based lubricant residues
- » eliminates creaking in the long term
- » high proportion of solid lubricants and high-quality graphite
- » dissolves rust and repels moisture
- » excellent penetrative properties
- » electrically conductive
- » silicone-free
- » does not leave a resin
- » variable spray head for spot and large-area applications
- » 360° valve, can be used overhead

Temperature resistant up to +450°C
Shelf life: 36 months



To the product video
www.petec.de

High performance PTFE spray

» dry-film lubricant «



Container size	Item no.
500 ml spray	74050

PTFE-based dirt-repelling dry lubricant with silicone components for applications without the risk of dirt.

Suitable in particular for lubricating jobs such as guide rails, belts, door retaining straps, locks, squeaky side windows, door rubbers and many more.

- » greasing, release & gliding agent
- » dry-lubrication, no oiling
- » eliminates squeaking noises
- » suitable for many materials
- » very good adhesion
- » hydrophobic
- » high pressure-resistant
- » non-conductive
- » extends the service life of parts
- » resistant to water, salt water, weak acids and bases
- » 360° valve, can be used overhead

Temperature resistance: –190°C to +260°C
Shelf life: 36 months



To the product video
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GREASE & LUBRICATING AGENTS

High temperature
multi-assembly paste

» metal-free on ceramic basis «



Container size	Item no.
200 ml brush can	94420

Ceramic-based for long-lasting lubrication of highly-stressed sliding surfaces of all types as well as for bayonet, plug-in and screwed joints exposed to high temperatures and corrosive influences such as braking systems, pipe, flange and valve screws. For all moving, adjustment and bearing parts on automotive brake systems (suitable for ABS brake systems, ASR systems, ESP systems) and assembly aid on machines and for preventing running-in damage and wear and tear to bearings, sliding areas, screw fixings and connectors. It can also be used for many other lubricating jobs in high-pressure and high-temperature applications.

- » long-lasting lubricating, sliding, separating and corrosion protection agent
- » very high corrosion protection
- » very good adhesion
- » high pressure-resistant
- » metallic-free lubricant, no interference of sensors in braking systems
- » prevents braking and creaky noises
- » resistant to spray, salt water, diluted acids and alkaline solutions

Temperature resistance:
-40°C to +1500°C
Shelf life: 36 months



Accessories on page 72.



To the product video
www.petec.de

Brake service paste
anti-squeak

» metal-free also for rubber «



Container size	Item no.
5 g packing	94405

Lubricating, sliding, release and corrosion protection agent for long-term lubrication of highly stressed sliding surfaces and joints of all kinds. Also as an assembly aid on machines and to prevent run-in damage and wear on bearings, sliding points, screwed and plug-in connections.

- » prevents braking and creaky noises
- » very low oil separation and thus extremely long-lasting
- » very economical with high washout resistance; does not wash out due to splashing water or does not dry out with fluctuating temperatures
- » metallic-free lubricant, no interference of sensors in braking systems
- » acid-free, non-conductive and non-corrosive and therefore compatible with all types of metals and rubbers
- » resistant to cold and high temperatures as well as splashing and salt water

Colour: translucent
Shelf life: 36 months



To the product video
www.petec.de

Side lube
permanent



Container size	Item no.
35 ml tube	94435
200 ml brush can	94430

Lubricating, sliding, release and corrosion protection agent for long-term lubrication of highly stressed sliding surfaces and joints of all kinds. Also as an assembly aid on machines and to prevent run-in damage and wear on bearings, sliding points, screwed and plug-in connections.

- » prevents braking and creaky noises
- » very low oil separation and thus extremely long-lasting
- » very economical with high washout resistance; does not wash out due to splashing water or does not dry out with fluctuating temperatures
- » metallic-free lubricant, no interference of sensors in braking systems
- » acid-free, non-conductive and non-corrosive and therefore compatible with all types of metals and rubbers
- » resistant to cold and high temperatures as well as splashing and salt water



Accessories on page 72.



To the product video
www.petec.de

Multi-use grease
Lithium universal



Container size	Item no.
400 g cartridge	94444

Lithium multi-purpose mineral-oil based grease for long-lasting lubricating of all sorts of sliding surfaces, for preventing running-in damage and wear and tear to bearings (sliding, roller and ball bearings), sliding areas, guides, joints, screw fixings and connectors. For universal lubrication applications in the automotive, industrial, trade, construction and agricultural machinery sectors.

- » reliable long-life lubricating grease
- » long-lasting lubricating, sliding, isolating and corrosion protection
- » broad range of applications
- » lessens rubbing and wear and tear
- » adhesion and removal resistant
- » reduces running noises
- » excellent slidability
- » acid, silicone, resin and AOX-free
- » high pressure-resistant

Colour: natural yellow/transparent
Temperature resistance: -35°C to +130°C
Shelf life: 60 months



To the product video
www.petec.de



Accessories on page 71.

Cable grease – Wire cable and gear grease
Spray

» black grease, incl. bitumen content «



Container size	Item no.
500 ml spray	71650

High pressure-resistant and viscous long-lasting lubricating agent with very good adhesion, even under extreme loading. The penetrative greasing and corrosion protection agent serves as a long-lasting lubricant for cables, wire cables, chains, rods, bell cranks, spindles, ducts, slide rails, door bolts, bearings, hinges, joints and all parts, which are subjected to high pressure, knocks and oscillations. Can also be used as protection for the underfloor and cavities.

- » lubricates and protects
- » extreme adhesion and resilience
- » high pressure-resistant
- » will not be removed easily
- » will not crack or become brittle
- » silicone-free
- » extremely well suited to protection and post-conservation
- » resistant to water, salt spray, oil as well as diluted acids and bases

Base: Grease/bitumen
Colour: black
Temperature resistance: -35°C to +100°C
Shelf life: 36 months



To the product video
www.petec.de



Accessories on page 71.

Cable grease – Wire cable and gear grease
Vacuum can / canister



Container size	Item no.
1000 ml vacuum can	73610
5 litre canister	73615

High pressure-resistant and viscous long-lasting lubricating agent with very good adhesion, even under extreme loading. The penetrative greasing and corrosion protection agent serves as a long-lasting lubricant for cables, wire cables, chains, rods, bell cranks, spindles, ducts, slide rails, door bolts, bearings, hinges, joints and all parts, which are subjected to high pressure, knocks and oscillations. Can also be used as protection for the underfloor and cavities.

- » lubricates and protects
- » extreme adhesion and resilience
- » high pressure-resistant
- » will not be removed easily
- » will not crack or become brittle
- » silicone-free
- » extremely well suited to protection and post-conservation
- » resistant to water, salt spray, oil as well as diluted acids and bases

Base: Oil and paraffin wax
Colour: amber
Temperature resistance: -35°C to +100°C
Working pressure (vacuum can): 3 – 4 bar
Shelf life: 36 months



To the product video
www.petec.de



Accessories on page 71.

TECHNICAL SPRAYS / PROTECTS / METAL PROCESSING

Rust converter Spray

» acrylic-based «



» rust stop & primer «

Container size	Item no.
500 ml spray	70040

Acrylic resin-based rust converter spray permeates existing rust, stops the development of further rust, permanently seals the surface and can then be re-coated.

- » rust stop & primer
 - » prevents further rusting
 - » high penetrative ability
 - » very good adhesion, so primers are unnecessary
 - » compatible with many types of materials
 - » silicone-free
 - » resistant to water, salt water, weak acids and bases
- Temperature resistance: -40°C to +80°C
Shelf life: 36 months



To the product video
www.petec.de

Rust converter Brush can

» water-based «



Container size	Item no.
250 ml brush can	70042

Water-based rust converter in brush can permeates existing rust, stops the development of further rust, permanently seals the surface and can then be re-coated.

- » base & primer
 - » prevents further rusting
 - » environmentally friendly, non-toxic
 - » silicone-free
 - » very good adhesion, so primers are unnecessary
 - » compatible with many types of materials
 - » can also be used on damp substrates
 - » washing off not necessary
 - » can be covered with polyester and epoxy putty
- Temperature resistance: -40°C to +80°C
Shelf life: 60 months



To the product video
www.petec.de

Inox spray Welding primer



Container size	Item no.
500 ml spray	70360

Fast-drying and universal surface coating. The corrosion protection agent displays remarkable adhesion and permanently seals welding points and seams. The product protects against corrosion when welding between two materials. Also suitable for use in shielding gas and spot welding as a welding point sealant.

- » weldable surface sealant
 - » weldable and corrosion protective coating
 - » compatible with many types of metals
 - » remarkable coverage
 - » prevents contact corrosion
 - » silicone-free
 - » resistant to water, salt water, weak acids and bases
- Colour: silver
Temperature resistance: +120°C (sometimes up to +200°C)
Dust-dry: 5 minutes
Dry to handle: 15 minutes
Shelf life: 36 months



Many of the sprays can be applied through 360°

Zinc-aluminium spray

■ Silver

» rust protection primer «



Container size	Item no.
500 ml spray	71050

As a permanent cathodic rust protection primer and long-term corrosion protection for metals exposed to corrosive influences. For re-galvanising and repairing damaged areas on galvanised parts, as well as on drilling, welding and cutting points. The firmly adhering and resistant coating is extremely weatherproof and is used for rust protection coating of metallic surfaces e.g. downpipes, ventilation devices, steel superstructures and much more. Can also be used for priming system, machine and body parts in the automotive, bodywork, domestic, crafting, metalworking, metal construction, pipework, air conditioning and ventilation technology and industrial sectors.

- » excellent corrosion protection due to high zinc and aluminium content
- » compatible with many types of materials
- » silicone-free
- » quick-drying, smooth, non-porous film
- » can be re-coated
- » resistant to water, salt water, weak acids and bases

Colour: silver

Temperature resistance: +200°C

Shelf life: 36 months

Welding & protective separator spray



Container size	Item no.
500 ml spray	72050

Forms a protective film, which prevents the adhesion of welding spatter or welding beads on surfaces.

- » protects parts and nozzles
- » no mechanical removal of welding spatter necessary
- » end-to-end protection whilst welding
- » no adverse effect on the weld joint
- » extends the service life of welding nozzles
- » suitable for many surfaces
- » non-flammable
- » silicone-free

Shelf life: 36 months

High performance boring & cutting oil



Container size	Item no.
500 ml spray	73050

Activates and simplifies all machining and separation processes such as reaming, drilling, turning, grinding, sawing, scraping, punching and milling. For all types of metal and steel as well as cast, stainless steel, copper, brass aluminium and alloys.

- » aids machining and cutting
- » cools and lubricates
- » gentle on tools
- » good penetration properties
- » biodegradable
- » silicone-free
- » prevents damage to the surface
- » very economical in use
- » good adhesive properties – no slippage of boring tools
- » extends the service life of machining tools (e.g. turning tools, drills, milling cutters and taps)

Shelf life: 36 months

Battery pole protective varnish blue



Container size	Item no.
150 ml spray	72650

For servicing battery poles, pole terminals and other connectors. For protection from corrosion, weathering effects and battery acid. Prevents transfer resistance and power loss.

- » seals for the long-term
- » increases the service life of the battery
- » long-term and temperature-resistant protection
- » silicone-free

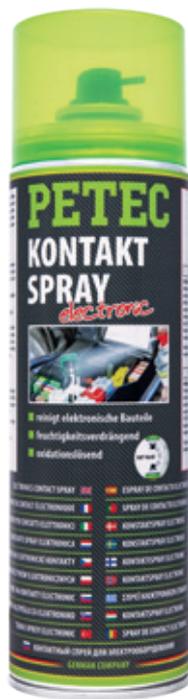
Colour: blue

Shelf life: 36 months



To the product video
www.petec.de

Electronics contact spray



Container size	Item no.
500 ml spray	71150

For cleaning, servicing and maintenance as well as long-term corrosion protection of electronic components and contacts (e.g. cable, plug and terminal connections, fuse boxes, fuses, relays, distributor caps, spark plugs, generators, starters, battery terminals and many more). PETEC contact spray electronic prevents current leaks and power loss.

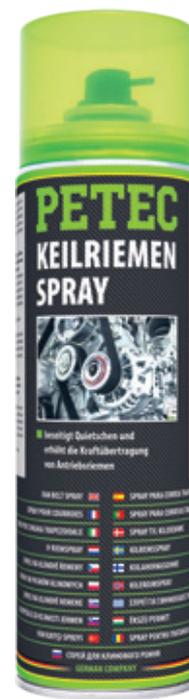
- » cleans, removes residues, lubricates, protects and maintains electronic components
- » suppresses moisture
- » excellent penetrative properties
- » removes oxidation
- » compatible with many materials
- » resistant to water and salt water
- » silicone-free
- » 360° valve, can be used overhead

Shelf life: 36 months



To the product video
www.petec.de

Fan belt spray



Container size	Item no.
500 ml spray	70460

Transparent and extremely adhesive drive belt coating Belt slippage is prevented, the full driving force is transmitted and efficiency is therefore increased. The fan belt spray is suitable for drive belts and conveyor belts on e.g. machines, pumps, generators, emergency power systems, compressors, conveyor systems, aggregates and other driven components.

- » eliminating squeaks
- » increases the force transmission of drive belts
- » extreme adhesion
- » silicone-free
- » for drive shafts and conveyor belts as well as ribbed and conveyor belts from e.g. rubber, leather, fabric or other elastomer compounds

Shelf life: 36 months

NOTE:

Not suitable for toothed belts for motor vehicles.



Many of the sprays can be applied through 360°

Freeze cold spray

» cools down to -45°C «



Container size	Item no.
400 ml spray	71950

For finding electronic faults as well as for cooling (cold shrinkage) of structural parts such as bearings, shafts, bushings, keys, links, carburettor and fuel-injection units, transistors, resistors and other parts with the narrowest of clearances. It can also be used for cooling severely heated parts.

- » cools components within a few seconds
 - » for servicing and installation work
 - » cools down to -45°C
 - » residue-free
 - » silicone and grease-free
- Shelf life: 36 months

Leak detection spray



Container size	Item no.
400 ml spray	70750

For quick and effortless detection of leakage sites such as pipelines under pressure, fittings, flange connections, welded seams and tyres.

- » the leak is indicated by strong bubble or foam formation
 - » simple and reliable
 - » suitable for identifying leaks
 - » non-flammable
 - » environmentally friendly
 - » silicone-free
 - » non-corrosive
 - » skin compatible
 - » DVGW German Technical and Scientific Association for Gas and Water approval
 - » 360° valve, can be used overhead
- Colour: transparent
Shelf life: 36 months

Engine starting aid



Container size	Item no.
500 ml spray	70450

Reliable cold start aid for all engine types (petrol, diesel, two-stroke and four-stroke engines), e.g. cars, trucks, motorcycles, boat, lawnmowers, construction and agriculture machinery.

- » in the event of difficulty in starting
 - » does not harm the engine and battery
 - » for all types of engine
 - » quick and easy
 - » silicone-free
 - » 360° valve, can be used overhead
- Shelf life: 36 months



To the product video
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Injector solvent



Container size

Item no.

500 ml spray

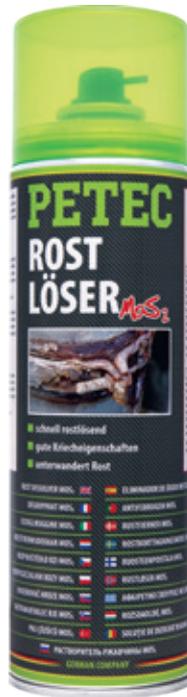
70160

Innovative special rust dissolver effective even in the smallest of pores thanks to its remarkable effect at depth. Due to the good penetration properties, rust is infiltrated. Quickly and gently loosens tightly held connections on attached parts (such as injectors, glow and spark plugs, spray nozzles, exhaust, manifold, lambda probes, tie rods and many more).

- » rapid removal
- » intensive effect
- » outstanding penetrative properties
- » dissolves rust quickly, penetrates into rust
- » silicone-free
- » 360° valve, can be used overhead

Shelf life: 36 months

Rust dissolver MoS₂



Container size

Item no.

500 ml spray

70050

For quick loosening of tight connections such as screws, nuts and bolts. Rust dissolver penetrates through a high capillary effect and very good penetration properties even in the smallest gaps. By applying MoS₂ the PETEC rust dissolver can also be used in extreme temperatures and pressure loads.

Rust dissolver – for rusted screw and metal connections

Lubricant – for moving parts, removes squeaking noises

Preservative – removes flash rust and preserves

Corrosion protection & maintenance agent – provides lasting protection against corrosion

- » dissolves rust quickly
- » good penetration properties, penetrates into rust
- » suppresses moisture
- » protects against corrosion
- » good lubrication properties, eliminating creaky noises
- » silicone-free
- » 360° valve, can be used overhead

Shelf life: 36 months



To the product video
www.petec.de

Rust shock – Cold shock



Container size

Item no.

500 ml spray

70150

With cold shock effect – for quick loosening of tightly held connections (screws, nuts, bolts) such as those on an exhaust, manifold, track rod, lambda probe and many more.

- » cold shrinkage breaks the rust crystals and dissolves the rust layer
- » cools components within a few seconds
- » dissolves rust very quickly thanks to cold shock (–45°C)
- » silicone and grease-free
- » residue-free
- » 360° valve, can be used overhead

Shelf life: 36 months

Tyre repair spray

» sealing and inflating «



Container size	Item no.
400 ml spray	70580

Suitable for all standard car tyres. Leaks, damaged areas and holes up to 5 mm in diameter on the tyre surface are repaired within a few minutes. Load bearing capacity is immediately restored and the tyre is ready for use thanks to the rapid repair procedure.

- » sealing and inflating in one go
 - » for all standard car tyres, regardless of tyre sizes
- Shelf life: 36 months

Climate fresh & clean Automatic spray



Container size	Item no.
150 ml Automatic spray "Ocean"	71450
150 ml Automatic spray "Orange"	71460
150 ml Automatic spray "Vanilla"	71470

Cleans the entire air conditioning system and the vehicle interior is refreshed. Removes undesirable odours (e.g. odours from pets, perspiration, smoke, mould and foul smells) leaving behind a pleasant fragrance.

- » quick and easy to use
 - » silicone-free
 - » refreshing
- Shelf life: 36 months

Air conditioning cleaner Lemon foam



Container size	Item no.
500 ml	71350

Cleans the entire air conditioning and heating system. The vehicle interior is constantly refreshed.

- » intensive foam cleaning
 - » easy to use
 - » silicone-free
 - » including 60 cm spray probe
 - » 360° valve, can be used overhead
- Shelf life: 36 months

NOTE:
Not suitable for motorcycle tyres.



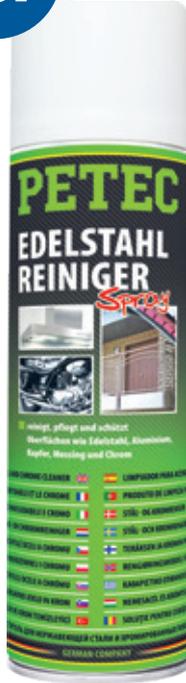
Accessories on page 74.

TECHNICAL SPRAYS / CLEANING & MAINTAINING

Waterproofing spray One for all



Nonfood Compounds
Program Listed A7
Registration No. 161121



Nonfood Compounds
Program Listed A1
Registration No. 160478



Intensive citrus cleaner Special



Container size	Item no.
500 ml spray	72750

Transparent long-term protection against moisture and dirt. For the treatment of absorbent surfaces (e.g. cotton, linen, mixed fabrics, synthetics, microfibres, smooth leather, suede and nubuck) on e.g. convertible tops, tarpaulins, awnings, tents, tarpaulins, sun sails/parasols, rain jackets, shoes and much more.

- » no colour change of the material
- » colourless
- » prevents mould infestation
- » remains breathable
- » hydrophobic
- » dirt-repellent

Shelf life:
36 months



To the product video
www.petec.de

Container size	Item no.
500 ml spray	70260

For quick and easy cleaning, care and protection of shiny and metallic surfaces (stainless steel, aluminium, copper, brass and chrome) in a single operation. Effective, gentle and streak-free removal of contaminants such as dust, dirt, limestone, grease, flash rusting, fingerprints, oils and resins. Leaves a shiny, dirt- and water-repellent protective film.

- » foam and silicone-free
- » can be used for indoor and outdoor applications
- » NSF approval for use in food-related areas

For use in the automotive sector, domestic applications (e.g. kitchens and bathrooms), trades, metalworking companies, exhibition stand, furniture and metal constructors as well as industry and the food industry.

Shelf life: 36 months



To the product video
www.petec.de

Container size	Item no.
500 ml spray	72850

Versatile and highly effective cleaning agent that quickly and gently removes stubborn stains and dirt e.g. insects, grease, adhesive residue, food, drink, oil and tar stains.

- » suitable for surfaces such as upholstery, fabrics, textiles, leather, plastic sheeting, glass, windows, chrome, plastic, metal and painted surfaces.
- » draws the dirt out of the pores and dries quickly
- » intensive cleaning
- » universally applicable for indoor and outdoor areas
- » also known as an upholstery cleaner, interior cleaner, insect remover, glass and window cleaner
- » silicone-free
- » NSF registration: Approved for cleaning in food-related areas
- » 360° valve, can be used overhead

Shelf life: 36 months



To the product video
www.petec.de

Container size	Item no.
500 ml spray	72950

Versatile, highly effective, universal, special cleaning agent containing natural substances. Stubborn stains and soiling (e.g. oil, grease, resin, tar, wax, paint, adhesive and silicone residues) are quickly removed.

- » powerful cleaning effect
- » intense cleaning effect, very short contact time
- » fast-drying, non-corrosive
- » pleasant fragrance
- » also known as adhesive residue, silicone, grease, graffiti, tar & tree resin remover
- » silicone-free
- » 360° valve, can be used overhead

Shelf life: 36 months



To the product video
www.petec.de



Many of the sprays can be applied through 360°

Garage cleaner Concentrate



Container size	Item no.
1000 ml bottle	60100

Universal cleaning concentrate that is very effective for cleaning away greases, oils and dirt accumulation from repair shop floors, vehicles, machines and plant.

- » excellent cleaning action
- » biodegradable
- » silicone-free
- » suitable for cleaning machines or high-pressure cleaners

Mixing ratio:

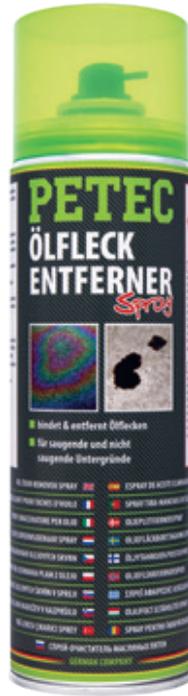
- engine wash 1:5
- plastic 1:20
- normal contamination to 1:30
- high-pressure cleaner to 1:200

Shelf life: 48 months



To the product video
www.petec.de

Oil stain remover



Container size	Item no.
500 ml spray	72350

For binding and removing polluting fuel and oil stains on absorbent and non-absorbent surfaces such as concrete, asphalt, plaster, tiles and many more.

- » binds and removes oil stains
- » convenient to use
- » quick and economic
- » removes stubborn oil stains
- » excellent suction power
- » convenient to use
- » quick and economic
- » silicone-free

Shelf life: 36 months



To the product video
www.petec.de

Oil binder Type III R fine



Container size	Item no.
40 litres/20 kg sack	72320

For binding polluting fuel and oil stains on absorbent and non-absorbent surfaces such as concrete, asphalt, plaster, tiles and many more. For applications in car and truck workshops, fire brigades, motorway and road maintenance services, petrol stations, industrial and craft businesses, haulage companies, towing services and agriculture.

- » convenient to use
- » quick and economic
- » suitable as a chemical binder for B, F, H, P
- » can be used for small and large area applications indoors and outdoors
- » environmentally sound, 100% -recyclable product
- » can also be used on wet bases
- » suitable as a chemical binder (pre-test) – Avoid contact with strong acids and oxidising agents
- » type III R fine – 40 litres
- » grain: 0.125 mm – 1 mm
- » oil binding: 1 litre PETEC oil binder binds 0.86 l oil

Shelf life: unlimited



To the product video
www.petec.de

Leak stop



150 ml
sufficient for:
5 litres of oil

Package size/contents	Item no.
150 ml bottle	80150

Special additive for all kinds of engine, gear and machine oils for eliminating leakages that result from old seals.

- » impregnates the defect seal and renews its elasticity
- » allows it to swell
- » in so doing it also levels the seal wear for the long term
- » for the quick fixing of leaks in petrol and diesel engines
- » for repairs without assembly
- » suitable for all qualities of oil
- » contains no solids, does not change the properties & lubricating effect of the oil

Area of application: Suitable for engines, manual and automatic gearboxes, axle drives, servo-steering mechanisms and hydraulic systems. Leak stop can be added to the oil in case of already existing leaks and also as a preventive measure.



Not suitable for wet clutches on motorcycles.



To the product video
www.petec.de

Radiator seal



250 ml
sufficient for:
15 litres
of coolant

Package size/contents	Item no.
250 ml can	80250

Permanently seals the water-cooling circulation system in case of leaks, cracks, hairline cracks (e.g. radiator, engine block, cylinder head and metallic seals) as well as seepage points. Also suitable for points and hairline cracks on hose connections, metallic and plastic parts in the cooling system.

- » SEALS radiator leaks reliably and permanently
- » PROTECTS from rust and calcium deposits
- » LUBRICATES the thermostat & water pump
- » MAINTAINS the entire cooling system
- » reliably and permanently seals radiator leaks from petrol and diesel engines

Area of application: For all water-cooling circulation systems of petrol and diesel engines in cars, trucks, boats, tractors and much more.



Can also be added by using a hose and equalization container.



To the product video
www.petec.de

Cooling system cleaner



250 ml
sufficient for:
10 litres
of coolant

Container size	Item no.
250 ml can	80450

For cleaning all cooling water circuits of all engine types.

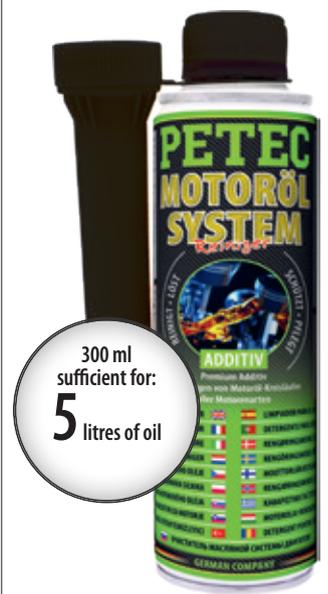
- » dissolves limestone and sludge deposits
- » binds greasy and oil-containing residues in the entire cooling circuit
- » does not corrode engine seals
- » compatible with anti-freeze
- » engine cooling and operational safety are improved

Area of application: For all cooling water circuits of petrol and diesel engines in cars, trucks, boats, tractors and much more.



To the product video
www.petec.de

Engine Oil System Cleaner



300 ml
sufficient for:
5 litres of oil

Package size/contents	Item no.
300 ml can	80350

Premium additive for cleaning the engine cooling circuits of all engine types. PETEC engine oil system cleaner is an engine cleaner suitable for all oil circuits in petrol and diesel engines in cars, trucks, boats, tractors and much more. The highly effective cleaning concentrate dissolves dirt and sludge deposits throughout the oil circuit.

- » for cleaning petrol and diesel engines as well as manual gearboxes, differentials and other units before every oil change
- » compatible with all rubber, metal and plastic parts, does not corrode engine seals
- » suitable for all engines and compatible with all engine oils



To the product video
www.petec.de

Technical data:	Leak stop	Radiator seal	Cooling system cleaner	Engine Oil System Cleaner
Consumption	150 ml for 5 litres of oil	250 ml for 15 litres of coolant	250 ml for 10 litres of coolant	300 ml for 5 litres of oil
Shelf life	36 months (unopened)	36 months (unopened)	36 months (unopened)	36 months (unopened)

Petrol System Cleaner



300 ml sufficient for:
40–60 litres of fuel



Package size/contents	Item no.
300 ml can	80750

Premium additive for the entire fuel system, improves ignition capability and increases efficiency.

PETEC petrol system cleaner dissolves dirt and resins and cleans the fuel system in petrol engines. TÜV efficiency certification, proven reduction in NO₂ emissions.

- » simple, fast and effective application via the fuel tank
- » saves fuel and increases efficiency through finer atomisation of the fuel and therefore more efficient combustion
- » protects against wear, corrosion and the spread of microorganisms
- » reduces soot formation, improves exhaust emissions and extends service life



To the product video
www.petec.de

Diesel system cleaner



300 ml sufficient for:
40–60 litres of fuel

Package size/contents	Item no.
300 ml can	80650

Premium additive for the entire fuel system, improves ignition capability and increases efficiency.

PETEC diesel system cleaner dissolves dirt and resins and cleans the fuel system in diesel engines. Also suitable for modern injection systems such as common rail and pump nozzle. Increases the lubricant effect of low-sulphur fuels.

- » simple, fast and effective application via the fuel tank
- » saves fuel and increases efficiency through finer atomisation of the fuel and therefore more efficient combustion
- » protects against wear, corrosion and the spread of microorganisms
- » reduces soot formation, improves exhaust emissions and extends service life



To the product video
www.petec.de

Diesel particle filter cleaner liquid



300 ml sufficient for:
40–60 litres of fuel

Container size	Item no.
300 ml can	80550

Premium fuel additive dissolves and removes carbon and ash deposits in the diesel particle filter while driving.

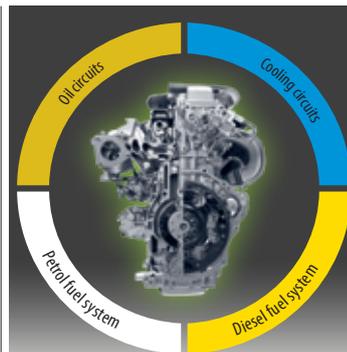
PETEC Diesel Particle Filter Cleaner Fluid for continuous cleaning of the diesel particle filter in diesel engines while driving. Carbon and ash deposits in the diesel particle filter are dissolved and burned.

- » simple, fast and effective application via the fuel tank with no need for costly dismantling
- » reduces soot formation, improves exhaust emissions and extends service life
- » prevents additional fuel consumption and loss of performance due to a clogged particle filter



To the product video
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Technical data:	Petrol System Cleaner	Diesel system cleaner	Diesel particle filter cleaner
Consumption	300 ml for 40 – 60 litres of fuel	300 ml for 40 – 60 litres of fuel	300 ml for 40 – 60 litres of fuel
Shelf life	36 months (unopened)	36 months (unopened)	36 months (unopened)



For a long and clean combustion engine life



Our premium additive in the V6 display on page 68.

Chain spray Top-Speed Chain spray to go



Container size	Item no.
100 ml spray	70510
500 ml spray	70550

For long-lasting lubrication of all high-speed drive chain types. PETEC chain spray is ideal for motorcycle and forklift chains and much more.

- » will not be removed easily
- » for all chain types – X, O and Z
- » extreme adhesion
- » no effect on O-rings
- » excellent penetration power for getting into fissures
- » silicone-free

Long-lasting resistance to water and salt water

- » variable spray head for spot and area applications (70550)

Colour: amber

Temperature resistance: –30°C to +150°C

Shelf life: 36 months



▶ To the product video
www.petec.de

Chain cleaner spray



Container size	Item no.
500 ml spray	70540

Extremely well suited to cleaning heavy soiled, sticky or oily drive chains such as X, O and Z chain types, for instance. The intensely powerful cleaning agent removes stubborn wax, oil and grease residues from the chain. Because of rapid evaporation, an optimal cleaning effect is quickly achieved.

- » very good cleaning action and quick-drying
- » compatible with all materials such as metals, plastics, rubber, carbon, ceramics, glass and varnished surfaces, for instance
- » fast-drying
- » non-corrosive
- » silicone and acetone free
- » also suitable for cleaning brake discs, brake pads and other accessories
- » extremely well suited to bicycles, e-bikes, motorcycles, forklifts, industrial trucks and other two-wheel and other chain drive machines
- » variable spray head for spot and area applications

Shelf life: 36 months



▶ To the product video
www.petec.de

Tyre repair spray

» sealing and inflating «



Container size	Item no.
75 ml spray	70575

Suitable for all types of tyre (with and without tube) and bicycle tyre sizes. Leaks and holes on the tyre surface are repaired within minutes. Load bearing capacity is immediately restored and the tyre is ready for use thanks to the rapid repair procedure.

- » tyre sealant for the fast repair of flat tyres
- » suitable for all common valves
- » including adapter
- » sealing and inflating in one go
- » excellent for when you are out and about
- » no patching required

Shelf life: 36 months



▶ To the product video
www.petec.de

NOTE:
Not suitable for motorcycle tyres.

Chain wax



Container size

Item no.

100 ml spray

70520

For long-lasting dry lubrication of all drive chains such as X, O and Z chain types. Dry lubrication does not leave any dirt deposits or resins on the chain and chain links. This ensures frictionless lubrication as well as optimal power transmission for an enhanced riding experience.

- » extremely well suited for bicycles and E bikes based on two-wheel mechanics, handcraft and hobbies
- » no oiling or resins
- » outstanding penetrative properties
- » no adverse effect on E bike electronics
- » compatible with all materials such as metals, plastics, rubber, carbon, ceramics, glass and varnished surfaces, for instance
- » long-lasting resistance to water and salt water
- » no effect on O-rings

Colour: translucent

Shelf life: 36 months



To the product video
www.petec.de

Chain oil



Container size

Item no.

100 ml spray

70530

For lubricating all chain types. Thanks to its outstanding penetrative properties for getting into fissures, the special oil reaches the smallest pores in the chain and chain links. Optimal transmission of power thanks to low viscosity and frictionless lubrication.

- » for all bicycles and E bikes
- » lubricates all types of chains
- » outstanding penetrative properties
- » no adverse effect on E bike electronics
- » compatible with all materials such as metals, plastics, rubber, carbon, ceramics, glass and varnished surfaces, for instance
- » long-lasting resistance to water and salt water
- » no effect on O-rings
- » silicone-free
- » also suitable for lubricating joints, gear shifts, screw connections, quick-release fasteners, clamps, saddle rail and all moving parts on a bicycle

Shelf life: 36 months



To the product video
www.petec.de

Bike Cleaner



Container size

Item no.

500 ml spray bottle

60150

Spray-on, residue-free universal cleaner with immediate effect for cleaning bicycles and motor bikes rapidly and thoroughly. Thanks to its special composition, the cleaner also removes stubborn dirt and deposits such as grease, oil, resin, limestone, brake dust and insects.

- » for universal use
- » extremely strong cleaning effect
- » removes dirt, deposits, grease, oil, insects and resin
- » no effect on any materials
- » silicone-free

Shelf life: 36 months



To the product video
www.petec.de

ADDITIVE & BIKELINE DISPLAYS

Bikeline set



CARE



CLEANING



MAINTENANCE



LUBRICATION



REPAIR



Item no.

Bikeline set with 5 products

99190

CONTENTS OF BIKELINE SET:

- 1 **Bike Cleaner**, 500 ml
- 1 **Chain cleaner spray**, 500 ml
- 1 **Chain oil spray**, 100 ml
- 1 **Chain wax spray**, 100 ml
- 1 **Tyre repair spray**, 75 ml

Bikeline display



To the product video
www.petec.de

The individual products
of our BIKELINE can be found
on pages 66 – 67

Item no.

Bikeline display with 60 products

99198

CONTENTS OF BIKELINE DISPLAY:

- 12x **Bike Cleaner**, 500 ml
- 12x **Chain cleaner spray**, 500 ml
- 12x **Chain oil spray**, 100 ml
- 12x **Chain wax spray**, 100 ml
- 12x **Tyre repair spray**, 75 ml

V6 display additive



To the product video
www.petec.de

The individual products of our
premium additive can be found
on pages 64 – 65

Item no.

V6 display with 48 additives

99197

CONTENTS OF V6 DISPLAY:

- 12x **Engine oil system cleaner**, 300 ml
- 12x **Petrol system cleaner**, 300 ml
- 12x **Diesel system cleaner**, 300 ml
- 12x **DPF liquid cleaner**, 300 ml

Activator anaerobic



» for: «

Container size

200 ml spray

Item no.

90920

Hardening accelerator for anaerobic adhesive and sealants. Especially recommended for:

- » passive surfaces
- » large gap widths
- » as well as low temperatures

Significantly shortens the hardening time of anaerobic PETEC products, such as screw locking, pipe and thread seals, hydraulic and pneumatic seals, bearing fix and surface seals. Recommended particularly for passive surfaces, such as aluminium, magnesium and stainless steel, large gap widths and low temperatures.



For faster hardening at low processing temperatures (below +5°C), large gaps and on stainless steel and non-metallic parts.

Suitable for all anaerobic products (pages 43 to 47).

Plastic primer



» for: «

Container size

150 ml spray

Item no.

98315

Adhesive agent to improve the bonding of 1-component and 2-component adhesives on plastics.

PETEC plastic primer improves the adhesion of adhesives, especially with low-energy or difficult-to-bond plastics, such as PE, PP, PU, PC, PA, EPDM, POM, Teflon, PTFE, PVC, Plexiglas, GRP and many more.

- » short flash-off time
- » colourless
- » improved adhesion especially for plastics that are difficult to glue



Observe flash-off time:

Suitable for all products for plastic bonding (pages 19 to 21, 27).

Black primer



Wool wiper
Item no. 82222

» for: «

Container size

30 ml bottle (for commercial users only)

Item no.

82330

Adhesion promoter and UV protection of PU-based adhesives & sealants, such as PETEC window adhesive or body adhesive and sealant.

- » remarkable coverage



Shake the primer well until the contents have been uniformly mixed and can be applied in deep black. Apply several coats of the primer if required. Always apply primer uniformly in one direction only. Observe flash-off and drying time. Accessories on page 74.

Suitable for all PU products (pages 29, 30, 32).

Technical data:	Activator for anaerobic adhesives & sealants	Plastic primer	Black primer
Colour	transparent	transparent	black
Application temperature	–	+5 to +30 °C	+5 to +30 °C
Flash-off time	–	5 – 10 minutes	10 minutes
Drying time	2 minutes	–	–
Shelf life	36 months	36 months	12 months

APPLICATOR GUNS

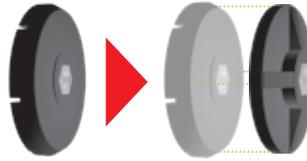
Multi-battery applicator gun in case

extra strong
7.2 V lithium
Li-Ion



To the product video
www.petec.de

Tubular bag applicator head
For processing tubular bags



"Basic" cartridge applicator head
For processing cartridges

ATTENTION! Only use tubular bag applicator head in conjunction with "Basic" cartridge applicator head.

Contents

Multi-battery applicator gun including 2x battery pack, 1x battery charger, each 1x applicator head cartridge/bag

Item no.

81100

suitable for: 400 ml bag + 290 ml and 310 ml cartridges including additional battery + charger in the case

Technical data:	Multi-battery applicator gun
Battery pack	7.2 V Lithium Li-Ion
Maximum pressure	250 kg
Maximum speed	6.9 mm/sec. – smoothly adjustable
Weight	1.35 kg
Charging time	approx. 1 hour
Packaging	plastic case

Replacement battery



Item no.

Repl. battery 7.2 V Lithium Li-Ion **81101**

Replacement charger



Item no.

Replacement charger **81102**

Replacement applicator heads



» "Basic" for cartridges



» for tubular bags

Only use in conjunction with "Basic" cartridge applicator head.

Item no.

Cartridges **81103**

Tubular bag **81104**

Replacement union nut



Item no.

Union nut **81105**

Stop plate



Item no.

Stop plate **81106**

Replacement cartridge tube



Item no.

Cartridge tube **81107**

Telescopic compressed air gun "Multipress"



To the product video
www.petec.de



Item no.

Telescopic compressed air gun "Multipress" **94333**

Replacement union nut **94334**

Professional, compressed air-driven cartridge gun with separate control valves for spray air and material feeding.

- » for restoring the original structure, e.g. after accident damage
- » for sprayable sealants from cartridges (item no. 94131 and 94231, see p. 34)
- » working pressure up to 10 bar

UBS gun



To the product video
www.petec.de



Item no.

Compressed air-driven UBS gun **98507**

For professional processing of 1000 ml vacuum cans (item no. 73110, 73210, 73310, 73410, 73420, 73510, 73610, 73710, see p. 38 – 40).

- » low weight and very handy
- » even application
- » structures can be sprayed and readjusted
- » working pressure 3 – 6 bar

Manual applicator gun

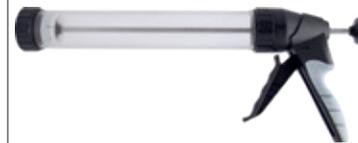


Item no.

Manual applicator gun **81500**

Professional applicator gun with a transmission ratio of 18:1 for all 290 ml/310 ml cartridges, such as assembly adhesive, bodywork adhesive & sealant, seam sealant and window adhesive as well as for the PETEC ProfiLine cartridges body tin and body glue and the 2C construction adhesive, see p. 26 – 30 / 32 – 36.

Manual applicator gun 600 ml BIG



Item no.

Manual applicator gun **81600**

Professional applicator gun with a transmission ratio of 18:1 for all 400 ml/600 ml tubular bags, see pages 28 – 30, 32.

Pump sprayer



To the product video
www.petec.de

Item no.

1000 ml **81066**

For spraying brake cleaner fluid (item no. 70066, see page 49).

Grease gun



Item no.

Grease gun **81444**

For applying multi-use grease (item no. 94444, see page 55).

1C ACCESSORIES

Replacement nozzle for window adhesive

» adjustable «



Item no.

For 310 ml aluminium cartridge (fine thread) **84504**

For 290 ml plastic cartridges (coarse thread) **84505**

Height-adjustable nozzle with V-cutout for 310 ml aluminium cartridges and plastic cartridges, see pages 28, 29 and 30.

Tubular bag adapter



Item no.

For tubular bags in connection with adjustable nozzle (item no. 84504) **84506**

For 400 ml and 600 ml tubular bags in conjunction with height-adjustable replacement nozzle (fine thread), see pages 28, 29 and 30.

Replacement nozzles for window adhesive

» can be cut «



Item no.

For cartridges (fine thread) **84501**

For tubular bags **84503**

Can be cut to size, so the V-cutout and therefore the bead height, can be determined yourself, see pages 28, 29 and 30.

Replacement tips for silicone sealants



Item no.

Replacement tip SIKO 70 ml tubes **97624**

Replacement tip Matic 200 ml **97625**

Tips dried out? With our replacement tips you can use our products until the end, see page 42.

Nozzle set Flat-jet nozzle



To the product video www.petec.de



Item no.

Nozzle set 2-part (coarse thread) **94322**

Flat-jet nozzle (coarse thread) **94323**

For multi-functional seam sealant for restoring the original structure. (item no. 94131, 94231), see page 34.

Wide jet/spatula nozzle with nubs



Item no.

For multi-f. seam sealant and all plastic cartridges with M15 x 2.5 (coarse thread). **94324**

Smoothing & sealing of overlaps, weld and other connecting seams, see page 34.

Replacement tip transparent



Item no.

For aluminium cartridges (fine thread) **94801**

For plastic cartridges (coarse thread) **94802**

For K&D, adhesion & sealing assembly adhesive, multi-functional seam sealant, see pages 27, 32, 33, 34.

Replacement brush



Item no.

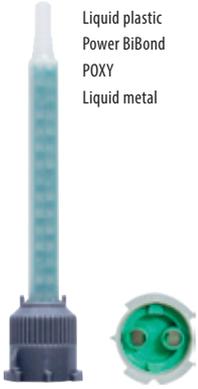
Brush **94421**

For high temperature multi-assembly paste (item no. 94420), for Silde-Lube brush can (item no. 94430), see page 54.

Mixing tubes

for:

- PlastBond (item no. 98325 / 98350)
- Liquid plastic (item no. 98355)
- Power BiBond (item no. 98625 / 98550)
- POXY (item no. 98425 / 98050)
- Liquid metal (item no. 97355)



Item no.

Mixing tube 24 ml/50 ml

98510

For 2C double syringes and double cartridges, see pages 19 – 22.



Item no.

Mixing tubes 24 ml/50 ml 3x blister pack packaging

98603

For 2C double syringes and double cartridges, see pages 19 – 22.

for:

- PlasticBond high performance (item no. 98110)
- 2C POWER adhesive high performance (item no. 93510)



Item no.

Mixing tube for 11 ml/10 ml "Profi-Line"

98511

For 2C POWER adhesive high performance 11 ml and PlasticBond high performance 10 ml (item no. 98110 and 93510), see pages 20, 21.)

for:

- 2C Power and construction adhesive (item no. 94429)
- Body Tin (item no. 96175)
- Body Glue (item no. 98195)



Item no.

"ProfiLine" mixing tube

98508

For 2C Power and construction adhesive Body tin and body glue. (item no. 94429, 96175 and 98195), see pages 26, 35.)

Abrasive sponge



Item no.

Abrasive sponge

98310

For sanding the surfaces to be bonded.

Structured fabric Fibreglass fabric



Item no.

12.5 x 100 cm

98320

For stabilising areas of repair and adhesion.

2C applicator gun



for:

- PlasBond (item no. 98350)
- Liquid plastic (item no. 98355)
- Power BiBond (item no. 98550)
- POXY (item no. 98050)
- Liquid metal (item no. 97355)

Item no.

2C applicator gun

98502

For 50 ml double cartridges with a 1:1 mixing ratio, see pages 19 – 22.

GENERAL ACCESSORIES / MISCELLANEOUS

UV lamp



Item no.

UV lamp

85001

For hardening POWER Patch, see page 15.

Brush



Item no.

Brush

81130

For applying body seal (see page 33) and underbody protection (see page 38).

Spray can holder, magnetic



Item no.

Spray can holder

1080

Delivery without sprays

Barrel cock



Item no.

Barrel cock 3/4 inch

80066

For 60 litre brake cleaner barrel, see page 49

Wool wiper



Item no.

Wool wiper

82222

For applying activator and black primer, see pages 31, 69.

Auto glass cut-out wire



Item no.

Blister pack

82322

For removing windscreens.

Spray probes for spray cans

» for application in inaccessible places and cavities «



Item no.

Spray probe medium (10 cm)

94805

Spray probe long (60 cm)

94803

» For many technical sprays and all technical sprays with extension. (item no. 73550, 72450, 72550, 71350)

Shelf system



Width 2 x 1 m, height 2.25 m, depth 0.55 m

The image of shelf presentation is exemplary. Individual solutions are possible.

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Our technical advice – whether verbal, in writing or by way of trials – is given as per the current state of our knowledge. It does not relieve users of the obligation to conduct their own tests on the products which we supply in order to assess their suitability for the intended processes and purposes.

We cannot exercise any control over the application, usage and handling of the products therefore the users have sole liability for these actions.

WE CREATE CONNECTIONS

- ADHESIVES
- BODY
- THREAD LOCKING & SEALING
- 2C ADHESIVES
- ADHESIVE TAPES
- ENGINE / MECHANICAL SEALS
- ASSEMBLY ADHESIVE
- UNDERBODY PROTECTION
- ADDITIVES
- WINDOW ADHESIVES
- TECHNICAL MAINTENANCE
- BIKELINE

Date 2022
Item no. 20210

Changes and printing errors reserved.



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