

**How does TPS work?**

The puncture sealing agent TPS is inflated into the tire using compressed air. The material is distributed throughout the inside of the tire when continuing travel at max. 80 km/h. This creates a plug, sealing the damaged part of the tire with the liquid.

**How safe is it to drive with a tire that has been repaired using TPS?**

The function of TPS has been certified by renowned automobile manufacturers and DEKRA. TPS can be used in commercial vehicles up to a speed of 80 km/h. We recommend driving vehicles that have been repaired using TPS carefully, exercising proper care.

**How long can I drive with a tire that has been repaired using TPS?**

The final tire repair must be carried out by a specialist company after 1000 km or 14 days, whichever comes first. The tire can be repaired from the technical point of view. The specialist company makes the decision about the repair measures.

**Do I have to observe any special safety regulations when using TPS?**

No specific safety regulations have to be observed when using TPS.

We recommend that users with sensitive skin should wear safety gloves when applying the tire sealing compound. Protective eyewear is also recommended.

**What guidelines are required in disposing of TPS?**

National and regional guidelines must be observed when disposing.

The TPS can be washed from the tire using a cloth and disposed of in domestic waste.

Rinse out the residual remains from the tire using water. If splashed onto clothes the compound can easily be washed out.

**Can I make final repairs to the tire after I have treated them with TPS during the breakdown?**

A specialised tire repair centre must make the decision concerning the possibility of repair.

**I have a foreign object that has penetrated into the tire, have found it but I cannot remove it. Can I still use the TPS?**

Yes. You can still drive on. However, the tire may not be able to be repaired by a professional afterwards as a result of the tire wiping due to the foreign object.

Take care if there is residual pressure in the tire when removing the foreign object. Foreign objects, e.g. nails, can be forced out of the tire suddenly.

**Can I also use the TPS in freezing weather or in extreme heat?**

Yes. TPS can be used and stored between temperatures of +80°C to -40°C.

**Can TPS be used with other preventative tire sealants?**

WABCO has no experience with this and cannot recommend the use of TPS with other preventative tire sealants.

**Why are two different types of valve insert turners required?**

The longer valve insert turner made of metal / plastic enables the standard and inner dual wheel to be inflated comfortably.

The neck of the valve for the outer dual wheel is normally positioned to the middle of the vehicle. For this reason the shorter valve insert turner is used.

The detailed description of this can be obtained from the operating instructions under number 815 980 148 3.

**Can I do without my spare wheel/vehicle jack from now on?**

Damage caused to the sidewalls of the tire, the rim or on a larger area in the carcass of the tire cannot be sealed using the TPS. The owner must decide whether or not to keep a spare wheel or the respective tools on board.

Most tire damage is caused by foreign objects (< 10 mm) penetrating into the profile. This type of damage can be temporarily repaired using TPS so that a spare wheel is not necessary.

**Can the Tire inflating hose also be used without applying TPS?**

Yes. The operating instructions for your vehicle specify a suitable Tire inflating hose on your vehicle.

**What can I do if I lose the tire valve set during the repair work?**

In this case, the valve insert of the bottle can be used after filling the puncture sealing agent into the tire.

**What is the meaning of the sticker on the bottle with "80 km/h; 50 mph"?**

After filling the tire with TPS, the sticker must be removed from the bottle and placed in the drivers field of vision.

The speed limits specified are legally binding and must be observed in all cases.

**What are my concerns if a tire pressure monitoring system is integrated in the vehicle?**

*WABCO tire pressure monitoring system IVTM:* Inflating the tire with tire sealing compound is never to be carried out using the hose of the wheel module, this should only be carried out directly on the valve stem. This will lead to the bonding of the wheel module that will then lose its function.

*Tire pressure monitoring systems by other manufacturers:* The use of TPS must be approved by the system supplier.

**Do I have any other advantages if my vehicle is fitted with the WABCO Integrated Vehicle Tire Monitoring system for commercial vehicles (IVTM)?**

TPS is an ideal enhancement to the IVTM. IVTM recognises leaks that occur within due time and then temporarily eliminates them using the TPS fast and safe.

**What is the shelf life of the TPS?**

8 years from the filling date. The label of the bottle has a stamp window at the bottom right side that specifies the month and year of the expiry date. The WABCO part number for is found on the left side of the label for purchasing spare parts.

Technical data	
Sealing effect	With foreign objects recessed up to 10 mm through the tire profile.
Application	<ul style="list-style-type: none"> <li>• For commercial vehicles (towing vehicle, trailer, bus; from 5 t) on public roads with standard tire sizes and standard or dual tires.</li> <li>• Vehicles with compressed air system, suitable for inflating tires.</li> <li>• Only inflate tubeless tires</li> <li>• Shake the bottle with sealing compound before use.</li> </ul>
Special tire sizes	<p>In the case of tire sizes beyond the standard size (SuperSingles), use additional bottles.</p> <p>For tires e.g. for trucks, buses and trailers use the following formula:</p> <p><b>Temporarily repair (EG/ECE vehicles):</b>  <math>Tire\ width\ [mm] \times Tire\ depth\ [mm] \times 0.003\ mm</math>  <math>=\ Filling\ capacity\ [ml]</math>  Always use the entire bottle in a tire.</p> <p><b>Preventive usage (not allowed to EG/ECE):</b>  <math>Tire\ width\ [mm] \times Tire\ depth\ [mm] \times 0.005\ mm</math>  <math>=\ Filling\ capacity\ [ml]</math></p>
Pressure stability	up to 9 bar
Durability	8 years from the filling date - with sealed bottle
Weight	Repair kit: approx + 3.5 kg
Temperatures	For use and storage in the vehicle: -40 °C to +80 °C
Driving speed	After using the Tire Premium Seal: max. 80 km/h / 50 mph
Disposal	The Tire Premium Seal is water-soluble and can be disposed of in the waste water system. Observe all regional and national guidelines.
899 900 001 0 899 900 101 0 899 900 101 2	Tire Premium Seal for Commercial Vehicles Refill Kit & Valve Extractors Refill / SuperSingle Upgrade