



SMART SEAL External is a leak stop suitable for any material. It effectively seals all types of leaks up to 5 mm. Specifically designed to be inert to all kinds of lubricants and refrigerant gases, EXTERNAL does not react to temperature changes.

SMART SEAL External has been developed to be compatible with POE, PAG, PAO, minerals lubricants and alkylbenzene, and also with the following refrigerants:

- CFC
- HFC
- HCFC
- CO
- It has also been tested for new generation gases such as R1234yf and R1234ze.

SMART SEAL External is also resistant to normal flushing liquids, and is resistant to temperatures from -148 ° F to + 520 ° F.

The pressure resistance depends on the size of the loss:

- 580 psi- 5 mm leak diameter
- 725 psi- 2 mm leak diameter
- 825 psi- 1 mm leak diameter

SMART SEAL External can be easily mixed by using two fingers. Once applied, the leak is closed. It is ideal for emergency sealing and does not disperse any residue into the system and, if necessary, it can be easily removed and once dried, the product can be sanded and refinished.

SMART SEAL External usage can be combined with SMART SEAL: the operator can first seal the larger leak from the outside and then complete the sealing process from the inside with SMART SEAL. The two products are not only compatible, but also synergic.

Instructions: **(1)** Find the leak by using the usual detection methods. **(2)** Once the leak is identified, turn off the system, and clean the application area. **(3)** Cut with a cutter or a knife a quantity of SMART SEAL External which is enough to create a ring around the entire diameter of the pipe in the area of the leak. **(4)** Wear protective gloves and mix the two components for a while. The color must be uniform and you should perceive a slight sensation of heat. **(5)** Pull the mixture well on the leak, let it adhere well to the whole circumference. Wait 24 hours for a perfect drying. Once the product is dried, let the system run normally again. If you need to remove the product, spray grease/seal remover on it, wait a moment, grab the ring with pliers or spanners with a little pressure that does not deform the pipe and rotate in one direction.

