

COMPENSATEUR STP

Precautions for use:

Carefully read this manual before using the bag.

Recommended using temperature: (See below, for any higher temperature, contact us)

- Without external mechanical stress: from -50 to +120°C (*Rubber bag installed in the conservator*)
- With external mechanical stress: from -20 to +110°C (*folding, packing / unpacking operation*)
- Avoid any contact with sharp elements or abrasive surfaces.
- Please strictly comply with the hereunder using conditions
- Do not fill with any liquid.

Take care with handling the product (Risk of puncture of the rubber skin with the metallic flange)



Filling procedure without making vacuum in conservator

Please follow the hereunder process:

A- Set up the compensator into the conservator

B- Inflate with maximum pressure of 105 mbar, keeping the conservator vent open

C- Readjust pressure after 6 hours

D-After adjustment, keep the installation at constant temperature and check potential loss in pressure during 24 hours. If no loss in pressure happens, compensator and installation in conservator are declared perfectly tight.

E-Fill conservator with oil at low pressure from its bottom until it overflows by the vents holes at the top

F-Close the vents and go on filling with oil from the bottom of the conservator, letting the bag deflate gradually.

G-Stop filling at the requested level according to filling temperature

WARNING:

When the bag is thus ready to work, the upper vents must never be open in any case, even for checking complete purging.

Opening a vent would immediately let air enter from the top of the conservator.

In case of doubt and intention to check the perfect purging of the conservator, we recommend to, first of all, fill the bag with a pressure of about 0.1 bar 1.47PSI and then, open the vents.

Filling process under vacuum:

Conservator being equipped with its compensator, set up and connected above the transformer, is connected by the bottom to hoses connected themselves to oil dedicated to filling.

Please follow the hereunder process:

A. Make the vacuum in the compensator

B. With the same vacuum source, make the vacuum in the conservator

C. Open the oil filling valve at the bottom. Given the vacuum in the conservator, oil will automatically go up

D. Stop filling with oil when required level is reached

E. Keep conservator under vacuum but open the compensator onto room air or a nitrogen source. The compensator will inflate himself automatically and will occupy all the volume left free inside conservator, being not completely filled. During this process, oil will go up to the top of the conservator.

F. Inflate the compensator with 105 mbar / 1.47 psi maximum

G. Check on the vents that there is no more air bubble inside the conservator or if necessary, process to purging until oil appears.

H. Close the vents and adjust oil level if necessary

Servicing / Storage / Maintenance:

After each use:

- Check the external surface is not damaged in any way– In case of doubt, please consult manufacturer before using again.
- Clean the bag (with lightly soap water without any detergent) and dry completely the bag
- Storage recommendations of the product:
- Deflate the bag after each use
- Storage recommended away from sunlight or artificial light
- Storage at room temperature with a 40 to 70 % humidity rate
- Storage away from corrosive vapours, solvents, rodents, chemical products

If the bag is dismantled, check external surfaces are in good conditions, check connection between stem and bag and that the stem gasket has remained flat

A PRONAL TEAM IS AT YOUR DISPOSAL TO ASSIST YOU WITH ANY INSTALLATION. PLEASE CONTACT US.