

Montage und Betriebsanweisung Lagerung nach DIN 7716.

1. EPDM

1. Storage

The aerators must be stored in the packaging in a dry and ventilated room in compliance with DIN 7716. **Do not store outdoors!**

2. Damage

It must be checked whether every single aerator, in particular the membrane hose, has not been damaged and the hose clamps are stuck.

3. Installation

The square distribution pipe must be designed to accept the pipe aerators with opposing holes of 45 -0 / + 1 mm Ø. The holes must be exactly on the alignment line (maximum deviation +/- 0.2 mm). The distribution pipe must be laid horizontally in the tank, otherwise a uniform gassing of the aerators is not guaranteed.

Installation of aerators as follows:

The standard connector is screwed into the threaded sleeve of the aerator until the last thread of the connector.

After insertion into the bore, this unit is bolted to the other aerator frictionally. The tightening torque must be $4.5 \pm \text{Nm}$.

When screwing the aerators, make sure that the air inlets point towards the pelvic floor / vertically upwards. The air openings of the aerator are below the non-perforated zone of the hose.
In the event of uneven squeezing of the seal, the tightening procedure must be repeated

4. Test run

Before putting the ventilation device into operation, carry out a test run in the pool with pure water. At a water level of about 20 cm above the aerators, the tightness has to be checked.

The water should be left in the Becker until commissioning. The aerators must once a day about 10 minutes at medium air volume (about 5 m³ air / meter aerator) blow. When working on the pool, the aerators must be protected from falling parts. In order to avoid aging of the aerator membrane due to environmental influences, a period of 4 weeks should not be exceeded between installation and test run. If the aerators are heated due to sunlight, the tightening torque must be checked again.

5. Operation

Oil-free air extraction and air filtration are required. Be the aerators on a longer period of time with a minimum amount of air, so must 1 x weekly rinsing with a max. Air volume (about 18 m³ air / meter aerator) of about 20 min to be performed.

6. Cleaning

After pumping off the aeration tank or pulling up the aerator strands, it must be ensured that the deposits do not dry on the tubes. Clean them with the high-pressure cleaner at a water temperature of 60 ° C. Dried deposits affect the function of the rubber membranes.

7. Pressurization

The standard air supply should be about 5-8 m³ air / meter aerator, temporary admission up to 16 m³ air / meter aerators are permitted.