

Technical Recommendation

Storage of replacement filter elements

Tips for protection


ARGO-HYTOS filter elements are available in two basic types:

- › Surface filters with geometrically defined gaps (e. g. screen elements with filter mesh made of metal or plastic wires)
- › Depth filters with chaotically arranged fibres (e. g. elements with non-woven materials made of glass fibres, polyester fibres or cellulose fibres)

The replacement filter elements for service purposes are usually packed in a plastic bag for dust proofing and then in a folding box. Often, accessories such as gaskets, seals or screws are enclosed.

When storing these spare parts the products have to be protected from heat sources and direct insolation. Ideally, storage takes place in a dry room with 0 ... +25 °C and relative air humidity below 65 % (similar to DIN 7716).

Although there is no expiration date on the packaging of the replacement filter elements, ARGO-HYTOS recommends storing these goods no longer than four years, even though the guidelines above are considered. Especially the glue and binder in the filter media of non-woven materials lose more and more of their required technical characteristics during prolonged storage.

Screen elements having metal fabrics are an exception. When stored correctly, they can be kept longer than four years due to their robust design, which allows the usage of such elements in many applications throughout the entire machine lifetime. However, regularly performed visual inspections and filter element cleaning based on necessity are vital prerequisites for a long usage. Cleaning processes can be performed up to three times; after that, the filter element must be replaced.

Products having synthetic fabrics should not be cleaned but replaced.

Filter elements that have been oil-wetted cannot be put in storage again, even if they were used only a short period of time. They need to be disposed of. Please always drip off and drain the wetted filter elements prior to disposing of them in accordance with environmental regulations.


INFO

ARGO-HYTOS filter elements are delivered in a film tube to avoid dirt ingress during shipment and storage.

High quality cardboard boxes guarantee safe transport and storage / handling.

The **label used** bears a **QR code**, serves as a **closure seal** and thus ensures the new / unopened product condition.