

## Storage Period (Shelf Life) of Plastic Flexible Packaging

This technical information sheet is prepared in order to provide general information about the shelf life of the Flexible packaging produced by Plastchim – T: FIBC (big bags), sewn small bags and PP block bottom bags, PP sleeve (circular) fabric (coated and uncoated), PP twine.

### Important criterias during storage and transport

- Storage temperature should not be lower than 0°C and not exceed 40°C. Flexible packaging should be stored in well-ventilated areas during storage.
- Ambient humidity should be maximum 80 %.
- Flexible Packaging should not be exposed to direct sunlight to avoid degradation, discoloring, yellowing or loss of mechanical properties.
- Flexible Packaging should be at a distance of no less than 2 m from heating elements
- Storage area of having minimum temperature variation should be selected to store flexible packaging to avoid high temperature differences because of seasonal changes or day/night temperatures.

**Adherence to the above mentioned storage and transport conditions ensures that the flexible packaging (empty packaging) is suitable to be used up to 12 months after production date**

### Operating conditions

- Packaging should only be used for bulk cargoes that do not mechanically damage their integrity
- Packaging should only be used for chemically neutral materials that do not interact chemically with the polymer from which the packaging is made.
- Should be avoid storage of materials that interact with environmental factors during storage - oxygen, humidity and others or to specify in advance the possible reactions during storage with Plastchim-T
- Filling with more than the indicated load capacity and the corresponding volume is not allowed
- It is not allowed to damage the containers during manipulations with them
- Hang the package on the designated grips. In order not to injure the grips, it is necessary that the hanging elements (forks, hooks) have a round section (without sharp edges)
- Abrupt lifting and lowering of the full package is not allowed
- For the safe transportation of full containers with a forklift, it is necessary that its forks are tilted above the horizontal state at an appropriate angle. The distance between the arms of the forks ensures proper handling without damaging the package
- No people are allowed under the full big bag

Full big bags have to be stored in closed, dry and clean warehouses at temperatures from 0 to 40° C and relative humidity up to 80%, at a distance of not less than 2 m from heating elements.

- Storage areas must be dry, clean, level and free from cutting and sharp objects
- Full packages are transported by all types of means of transport, the platforms of which must be horizontal, ensuring stable stacking

**Adherence to the above mentioned storage and transport conditions ensures that the full flexible packaging is suitable to be used up to 6 months after filling date but not more than 12 months total storage in full or empty condition.**

#### **NOTE**

**Plastchim-T advises to use the flexible packaging as soon as possible after purchasing in order to use the maximum part of their shelf life.**

**The instruction refers only to the operation of the packaging and does not exhaust the standardized and specific conditions for the packaged product and the regulations for the carriage of goods.**

*The information given is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Given information is to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customer to determine final suitability for their specific end uses. Also be advised that given information shall not be construed as an inducement or recommendation to use any process or to manufacture any product in conflict with existing, pending or future patents.*

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