

SHELF LIFE INFORMATION

The shelf life of TIC Gums products will vary based on the raw materials and storage conditions. We advise that products be retested for moisture as an indicator of proper storage conditions, viscosity for functionality, and other critical parameters for technical efficacy if the product has been stored for two - three years. Product Data Sheets provide product specific shelf life information, however general retest guidelines are as follows:

1. Gum arabic and Xanthan gum products typically have a shelf life of three (3) years when stored in a cool, dry place at ambient temperatures and relative humidities of <60%. This also includes blends and agglomerated versions of any combination of the two items.
2. Cellulose gum (Sodium Carboxy Methylcellulose/CMC) and Methycellulose, as well as any blends containing these items, have a shelf life of one (1) year when stored in a cool, dry place at ambient temperatures and relative humidities of <60%.
3. Ticagel ® Gellan, GuarNT Flavor Free 4000 items, and TICorganic® Inulin Agave have a shelf life of eighteen (18) months when stored in a cool, dry place at ambient temperatures and relative humidities of <60%.
4. Items containing propylene glycol alginate have a two (2) year shelf life when stored in a cool, dry place in sealed containers, at temperatures not exceed 75°F/24°C and relative humidities of < 60%.
5. Most other products have a two (2) year shelf life when stored in a cool, dry place in sealed containers, at ambient temperatures (max. temp should be no higher than 90°F/31°C) and relative humidities of < 60%.

It is also important that gums not be stored in a manner that makes the packaging susceptible to the formation of moisture or condensation. For example, transitioning from a refrigerated truck or warehouse to a non- refrigerated or non-climate-controlled warehouse may cause condensation to form inside the packaging and result in shortened shelf life.

TIC will gladly retest your sample for a 3 month shelf life extension. If needed, please send a one pound sample along with the item number, lot number, date of manufacture, and any pertinent information to our Quality Assurance Department:

TIC Gums, Inc.

Attention: Quality Assurance – Shelf-life Extension

4609 Richlynn Drive Belcamp, MD 21017

Please allow 10 business days for testing.