Date: 03/2024

temp-rite

Efficiency and sustainability

At a time when environmental protection and sustainability are becoming increasingly important, we are looking for alternative solutions: Our sugar cane lids offer an environmentally friendly alternative to conventional plastic lids.

They are made from rapidly renewable, plant-based raw materials, are plastic-free and free of fossil fuels. They are 100% biodegradable (EN 13432 certified) and are the next step for green food distribution.

Our Natu-Rite disposable lids are made from sugar cane fibre and offer the following advantages:

100% Nachhaltig

- 100% biodegradable according to DIN EN 13432
- Free from fossil raw materials
- Light and stable - suitable for cold and also hot applications
- Made from rapidly renewable, natural raw materials of plant origin
- Plastic-free packaging
- Climate neutral, all CO2 produced is offset by projects
- Sugar cane is a residual material that is produced during the manufacture of sugar

Technical data	Product measurements		Carton measurements	
Description:	**Diameter:**	approx. Ø 89 mm	**Sales unit:**	2.000 pieces per carton
Dispsable lid of sugar cane, ø 89 mm, white	**Height:**	approx. 8,3 mm	**Carton dimensions:**	57,5 x 37,0 x 38,0 cm
	Weight:	approx. 6 g / lid	**EAN-Code**	4034336001031

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Natu-Rite Disposable Lids FAQ

What does biodegradable mean and which standards are subject to this terminology? Is the term protected? What does DIN 13432 / EN 13432 mean?

The term „biodegradable“ is a defined designation and is based on stately regulations. DIN EN 13432 is a European standard and defines the controlled test procedure for the compostability of products. The standard has been valid since 2001 and applies to all EU member states without exception.
Products and packaging must first successfully pass five procedures.

Sequence steps for obtaining the status „certified compostable“:

1. First, all components of the product are determined and examined. The aim of this examination is to determine whether limit values for heavy metals are not exceeded.
2. If the test defined under point 1 has been passed successfully, it is checked, whether the product is biodegradable. Here it must be proven that 90 % of the organic material is converted into carbon dioxide after 6 months in an „aqueous environment“.
3. In the third step, the compostability of the article is checked. For this purpose, the product/packaging must be less than 10 per cent of the original mass after a three-month phase of composting - followed by fine screening.
   Only when this is fulfilled is the product considered compostable.
4. Subsequently, a test is carried out to ensure that the composting of the product does not have a negative impact on the entire composting process.
5. The test procedure is completed by a combined test consisting of an agronomic and an ecotoxicity test. The agronomic test determines what effect the compost produced from the article has on plant growth, and the ecotoxicity test determines whether any toxins may have been produced during composting.

Only when all tests have been successfully passed may the product bear the designation „biodegradable“.

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