

Article name: TSP Home Compostable Poop Bags

The 5 top facts

- OK compost HOME certified (tested at 20-30 °C) by TÜV Austria
- Made with renewable raw materials
- Tear-resistant, opaque and moisture-resistant
- Pleasant feel, excellent tear-off perforation, easy to open
- Free from plasticisers, polyethylene and genetically modified substances

Certification - OK compost HOME

Our biodegradable poop bags meet the requirements of the European standard EN 13432 and even better: they are also OK compost HOME certified (tested at 20-30 °C). This means that they are biodegradable even at lower ambient temperatures, such as those found in the environment in Europe. This ensures that degradation outside of industrial composting is also possible. Compared to other bioplastics, our biodegradable poop bags are characterised by a high degradation rate at low ambient temperatures.

Plant-based

Our biodegradable poop bags consist of 30% renewable raw materials, which are currently obtained from maize. The remaining proportion is made up of petroleum-based materials, but with a chemical structure that can be broken down by enzymes and metabolised by microorganisms into water, CO₂ and biomass - similar to the plant-based components. This means that these bags are completely biodegradable, even at low ambient temperatures. In addition, our biodegradable dog waste bags contain no plasticisers, no polyethylene and no genetically modified substances.

Safe use & excellent handling

With a thickness of 18 micrometres, our biodegradable poop bags are pleasantly thick, opaque, tear-proof and moisture-resistant. This and the large size make it easy and safe to dispose of dog faeces. They are also characterised by a very pleasant feel and excellent tear-off perforation. The bags are particularly easy to open. They are available in various sizes, with or without handles.

Packaging from sustainable forestry

The packaging (boxes) used for our biodegradable dog waste bags are all made from FSC-certified material. The core of the roll and the sticker that holds the small rolls together are made of cardboard and paper respectively.

Correct disposal

In principle, poop bags - including our biodegradable ones - should always be disposed of in accordance with local disposal regulations. As a rule, they should be disposed of in residual waste with subsequent thermal utilisation due to the possible presence of pathogens in the dog faeces. Our bioplastic also has a decisive advantage when it comes to incineration: only as much CO₂ is released from the renewable components as was absorbed during the growth phase. Compared to PE bags made from virgin granulate, this results in significant CO₂ savings.

Attention - not made for eternity!

To ensure the best material properties, we recommend using our biodegradable poop bags within one year of the production date. They will not disintegrate after this time, but may become slightly more brittle/fragile over time, depending on environmental conditions and storage. Under certain conditions (e.g. direct sunlight, high temperatures, high humidity), the excellent degradability of our biodegradable dog waste bags can also lead to the material properties being affected during storage.

Ideally, our biodegradable poop bags should be stored in a dry, cool place (at room temperature at most) and out of direct sunlight. We deliberately refrain from using a best-before date in order to avoid unnecessary waste of material, as correctly stored bags are often still fully functional up to 1.5 years after the production date. Nevertheless, we generally recommend using them within one year of the production date. In our experience, this period is absolutely sufficient in the vast majority of cases.

Why are biodegradable dog waste bags needed?

We regularly carry out clean-up campaigns in the countryside, during which we have already found and disposed of thousands of poop bags made of conventional plastic (PE). As these are not biodegradable, unlike dog faeces itself, they can pose a major plastic waste problem for decades or even centuries. Folded, unused bags are also found time and again, which have obviously been unintentionally released into the environment. Unfortunately, many poop bags are also wilfully disposed of in nature.

Dog waste bags, which biodegrade at a significant rate under local temperature conditions, fulfil an important function. In principle, like an airbag: you never want it to 'crash' (environmental impact). But if it does happen, such bags can help to reduce the damage or the impact of damage (negative environmental impact due to littering).

About us

The Sustainable People is one of the world's pioneers in the field of biodegradable dog waste bags. Our founder Arne Krämer developed bio-based dog waste bags for urban use that are biodegradable under local temperature conditions back in 2013.

The Sustainable People

In 2015, as part of his master's thesis, Arne launched the '[Poop Bag Map](#)', probably the largest study to date on the topic of poop bags in the environment. This is an interactive map in which users can enter the places where they have found dog waste bags in the environment. With this environmental project, we were able to achieve a reach of over 7 million contacts through reporting in various media and thus make a significant contribution to raising public awareness of the problem.

Our company grew out of a study project to combat the plastic problem. Awareness of environmental problems and the need for sustainable alternatives are therefore firmly anchored in the core of our corporate culture.

Brief description of the product and the USP

- OK compost HOME certified (tested at 20-30 °C) by TÜV Austria
- Starch blend made from 30% renewable raw materials and biodegradable co-polymer
- Almost complete [degradation](#) possible after just 3 months under good degradation conditions
- Free from plasticisers, polyethylene and genetically modified substances
- Particularly tear-resistant, opaque and moisture-resistant
- Pleasant feel, excellent tear-off perforation, easy to open
- Extra thick (18 micrometres)
- Easy and safe disposal of dog faeces
- Available in various sizes, with optional ties
- Packaging (box) made from FSC-certified material
- Roll core and stickers made from cardboard and paper instead of plastic
- The Sustainable People is one of the pioneers in the field of biodegradable dog waste bags
- Commitment and contribution to public awareness ('Poop Bag Map')