Vistatubes.com

VISTA®
PACKAGING

ACCELERATED BIODEGRATION

In 2024, Vistatubes launched a tube that will biodegrade **in a few months in landfill, soil, or sea water or industrial composting**. No micro or nano plastics, no costly PLA and no plastic fragmenting technology.

These tubes have no change in their features and can still be recycled in conventional recycling systems.

Not only will this make your **products environmentally sustainable** and can be included in your **mandatory sustainability reports (CSRD**); but it will also create huge marketing opportunities and unique selling points for your business.

The biodegradation is certified by Intertek, which allows you to have their Green Leaf mark.

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KEY POINTS

Here are some key points to consider:

1. This solution is **100% organic**.
2. We do not create **micro or nano plastics**.
3. The tubes **can still be recycled** in conventional recycling systems.
4. This **does not reduce the shelf life** of the product.
5. The tubes are FDA and EU approved for **food safe** products.
6. Only leave a **natural compostable** by-product.

Claims on pack	Logo on pack
USA and Europe: Accelerated biogedration Others: Bio-degradable	VERIFIED Intertek

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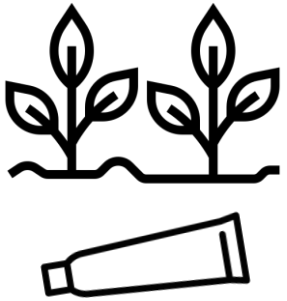
HOW IT WORKS

We add our patented additive to your tubes.

Your tube can be recycled as any other tube.

If you tube isn't propperly recycled, it will biodegrade.



The tubes will not start biodegradation before they end up in landfill of marine life.

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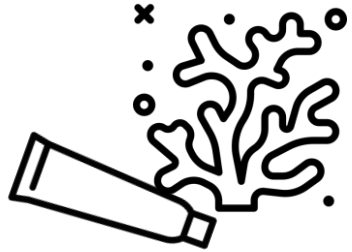
DEGRADATION PROCESS

Once in landfill or marine file, the additive sends a signal

Microbes are attracted and start to eat the plastic

The microbes colonize and eat the complete tube



After the tube is fully degrated, a bio mass of CO2 and H2O is all that's left.

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TESTING METHOD

The test has been done by Intertek, at anaerobic-digestion conditions (ASTM D5511-18).

Considering the cumulative gas production as observed and its analysis indicates that the process of biodegradation has occurred in our tubes and closures.

After 45 days of incubation, the level of biodegradation for of our sample showed 6.15 %.

The threshold to be considered biodegradable is 5% after 45 days.

Test result can be shared upon request.

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