

**Change
Plastic
For
Good®**

‘The BDP Mask™’



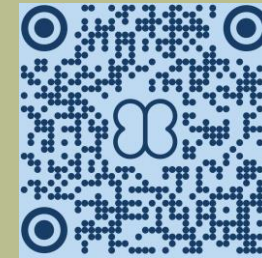
Biodegradable in landfill, ocean and soil.



What is BDP®

BDP® is an organic additive that is added into mask fabric during manufacturing. It enhances the biodegradation of plastics without changing it's properties. Although you won't notice any difference, the environment will!

Hygienic, Durable, Affordable, Fluid Resistant...**Biodegradable**. Whether in landfill, ocean or soil, all that remains are natural remnants.



Whether The BDP Mask™ ends up in landfill, ocean or soil, naturally occurring microbes eat it all up. All that remains is mostly biogas, which can be captured by landfills for clean energy. Pretty clever, right? If you are feeling geeky, scan the code above to learn more!



How does BDP® work?

Once The BDP Mask™ is discarded into landfill, the microbes utilize the plastic as a food and energy source, accelerating the biodegradation process. What used to take hundreds of years, now takes only a few years as microbes consume the entire product. The only thing that remains are the same byproducts as decaying organic matter; biogas and biomass that can be captured to produce clean energy.





You are the champions

The BDP® butterfly is a symbol of change, a change for good. Every product purchased with this symbol certifies that it has been made with BDP® and lets the consumer be a part of cleaning up plastic waste. Let's champion the way to change the world.





We will clean it up

By donating a portion of our profits to clean up efforts, we tell an amazing story of responsibility for past, present and future plastic products. We want to create a 'clean it up' movement that the consumers will not only support, but champion.





A PLASTIC OCEAN FOUNDATION



Change Plastic for Good and the people responsible for the Netflix documentary, 'A Plastic Ocean', are working in collaboration to bring awareness to plastic waste in our oceans.

For every box of masks sold, *Change Plastic for Good* donates 50p on behalf of UK Industrial tapes, to *A Plastic Ocean Foundation*. These funds go towards the #OneTonneLess program to clean up plastic waste from beaches and also to help fund educational programs.

#OneTonneLess

With the #OneTonneLess program, we aim to clean up one tonne of plastic per year from beaches. Through corporate sponsorships, this will help fund education programs aimed at teaching kids about sustainability, ocean science and global environmental change.

The collected plastics will be made into new products with BDP®. This will ensure a natural end of life if these new products end up landfilled or in our environments.





A symbol of change

The BDP® butterfly holds a powerful message that masks bearing this mark are made from BDP®. Consumers can actively look for products with this logo in the knowledge that they are making an environmentally conscious purchase.



Change
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for good®



The BDP Mask™ Features

- Medical Type IIR, Type II & non medical options
- Production in Europe & Asia
- Protective three-layer construction
- 100% latex free
- CE Certified
- All components biodegradable as below
- BDP Phobic™ spunbonded polypropylene
- BDP Melt™ meltblown filter media
- BDP NoseBar™ for adjusting fit
- BDP EarLoop™ soft nylon
- Fluid resistant at 160 mmHg (ASTM F1862)
- Bacterial Filtration BFE: $\geq 98\%$ @ 3.0 micron
- Particle Filtration PFE: $\geq 98\%$ @ 0.1 micron
- Differential Pressure: $< 5.0 \text{ H}_2\text{O} / \text{cm}^2$ (MIL-M-36954-C)
- Flame Spread: Class 1 (16 CFR Part 1610)
- Manufactured in an ISO 9001:2015 facility with clean room standards, air ventilation, UV & disinfectant chambers.
- ASTM F2100-2019
- ISO 13485
- Recommended for low risk clinical applications
- Multi lingual packaging upon request





Compliance & Testing

Tested

BDP® treated polypropylene has been tested successfully under the following standards: EN/ISO 15985 (landfill), ASTM D6691 (sea water), ASTM D5988 (soil), ASTM D5338 (compost) . All environments have shown enhanced biodegradation.

Features

Medical Level Type IIR, II
ISO 13485
Non Medical option
100% latex free
Layer: 3ply
Size: 17.5*9.5 cm
Single use
CE certified
Non Woven and meltblown fabric
Intertek Green Leaf Certified

Inexpensive

The BDP Mask™ costs the same as its non biodegradable counterpart.

Properties

BDP® does not affect the shelf life or properties of the products it is used in. The BDP® Mask will last as long as any other mask on the shelf and will not begin to biodegrade until it enters the environment.

Safe

BDP® is FDA GRAS/EU, REACH, EINECS, RoHS, and CFIA compliant.
All ingredients have been tested via Intertek to be non toxic

Recyclable

The BDP Mask™ is made from polypropylene plastic which is recyclable. Please contact your local recycler for rules on recycling PPE.

Marketable

156 billion masks end up in landfill each month. PPE is the new plastic bottle and consumers will begin to demand that manufacturers take action to become more eco focused.

Taking cost increase out of the equation makes The BDP Mask™ a game changer from both a commercial and environmental standpoint.



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Thank You

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