TECHPRO GREEN

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ABOUT US

Tech Pro Green is a wholly owned subsidiary of Tech Pro Group that is known for being a reliable partner in the development of high-quality components produced out of adhesive materials, foams, sheets and films. Our objective has always been to provide the highest quality possible and work together with our customers to ensure we have an in depth understanding of their needs.

Understanding the problems with single use plastic, we decided to start a new branch aimed at tackling this issue.

Tech Pro Green strives to achieve and to help others achieve carbon neutrality through sustainable solutions to real world problems.

TYPES OF PLASTIC

Industrially Compostable Plastics
Biodegrade in an industrial composting plant or in an industrial anaerobic digestion plant.

Bio-Based Plastics
Made from biological raw materials.

Non-Biodegradable Plastics
Take long to break down. Disintegrate into smaller pieces (microplastics) that build up in the environment.

Oxo-Degradable Plastics
Include materials that because of oxidation create micoplastics.

Home Compostable Plastics
Biodegrade in a well-managed home compost environment over 180 days . Lower temperature required than industrial compost. This is currently the highest certifiable standard for compostable bioplastic.

Composting can contribute to the reduction of organic waste. Compost can then be used for agricultural and horticultural purposes.

WE CAN'T IGNORE THE DAMAGING EFFECT WE HAVE ON THE PLANET

We are replacing single use plastic with compostable alternatives made from globally recognized & certified materials.

OUR PRODUCTS

Tech Pro Green is committed to tackling one of the largest environmental threats:

PLASTIC WASTE

Compostable bioplastics are made from sustainable biological materials.

POTATO STARCH
SOY PROTEIN
CELLULOSE
CORN STARCH

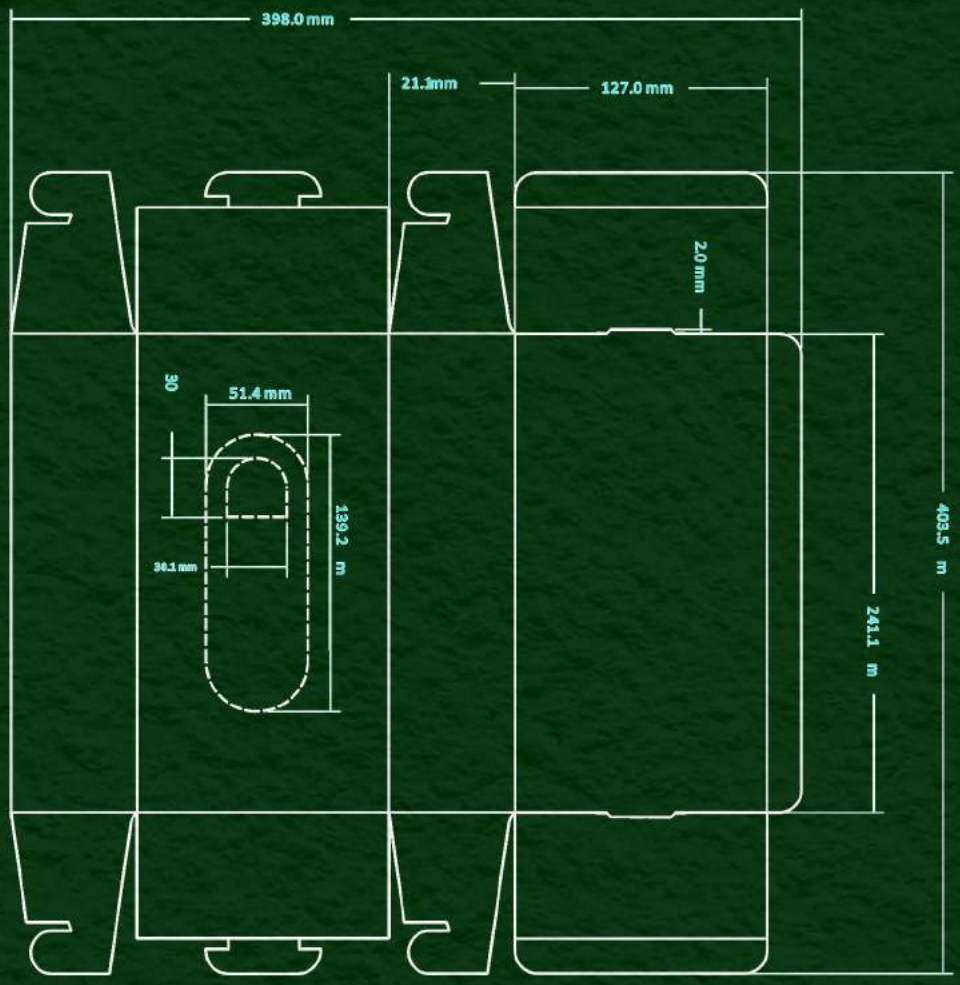
ECO SENSE GLOVES

Tech Pro Green has developed high quality compostable gloves.

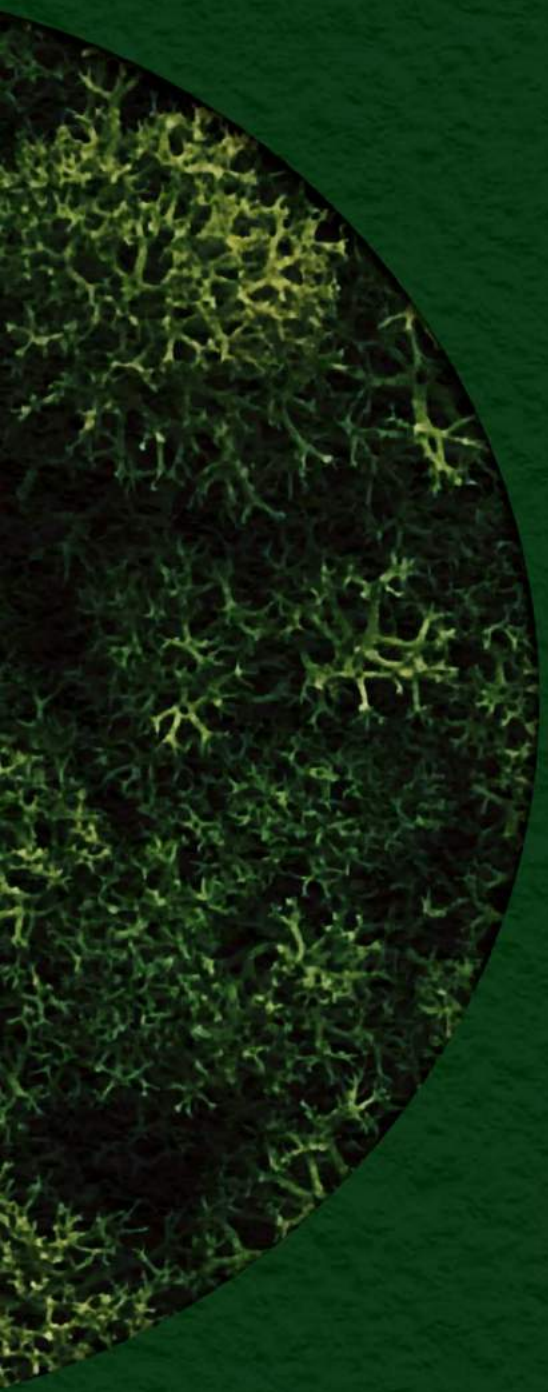
These industrially or home compostable bioplastic gloves are the perfect sustainable alternative and are suited for the entertainment, food & beverage and hospitality industry.


Compostable
disposable gloves
S
M
L
XL
EcoSense
Because Eco living makes Sense
Composts in
180
days
100
gloves

GLOVE BOXES


398.0 mm
21.3mm
127.0 mm
2.0 mm
30
51.4 mm
139.2 m
30.1 mm
403.5 m
241.1 m

PRODUCT PIPELINE



TOYS

PACKAGING

BOTTLES

CUTLERY

NETTING

CUPS

Tech Pro Green wants to replace single use plastics with compostable alternatives wherever we can.

	GP1003		(Unit)
(Melting Temperature)	110		℃
(Density) ASTM D792	1.32		g/cm3
	MD	TD	
(Tensile Strength) ASTM D882	503	234	Kgf/cm^2
(Tensile Elongation) ASTM D882	173	634	%
(Tensile Yield Strength) ASTM D882	153	75	Kgf/cm^2
(Tensile Modulus) ASTM D882	1158	1052	Kgf/cm^2
(Vicat Temperature)	98.3		℃
(MFR,190℃,2.16kg)	5.1-6.8		g/10min
(Color)	White		

INDUSTRIALLY COMPOSTABLE

ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | СЕРТИФИКАТ | شهادة | 证书 | 인증서

OK compost INDUSTRIAL — TÜV AUSTRIA

TÜV AUSTRIA

CERTIFICATE FOR AWARDING AND USE OF THE 'OK COMPOST INDUSTRIAL' CONFORMITY MARK

TA8012106052

Issued by TÜV AUSTRIA CERT GMBH

Product(s):	
Domain	Industrially Compostable Products
Group	Finished Products
Family	Miscellaneous products
Type	Gloves
Trade mark	EcoSense
Description / Particularities	Maximum nominal thickness: 30 µm Colour: natural white or ivory Unprinted
Licensee:	**Tech Pro Green Limited** 31-39 Wo Tong Tsui Street Kwai Chung, New Territories Hongkong SAR China
Criteria:	• Test Program with reference OK 1 edition E Including EN 13432 (09-2000) : « Packaging - Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging »
Validity:	From 08 September 2021 till 08 September 2026
Conclusions of the examination:	The products comply with the above mentioned certification criteria, as confirmed by the report no 65004104 / 2021-AG-1039cert.
Applicable certification system:	Type examination followed by supervision through verification tests on samples from the distributor's stocks or of the market. The conformity of the product is guaranteed by the procedures for awarding and use of the 'OK compost INDUSTRIAL' conformity mark. This only applies for specimen bearing the 'OK compost INDUSTRIAL' mark.

Brussels, 08 September 2021

For the Certification Committee
Ph. DEWOLFS
President of the Committee

Annex: /

FM-LTC-TABE-CERT-BIO-OKI-003_certificate_EN
Rev 1902

HOME COMPOSTABLE

ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | СЕРТИФИКАТ | شهادة | 证书 | 인증서

OK compost TÜV AUSTRIA HOME

TÜV AUSTRIA

CERTIFICATE FOR AWARDING AND USE OF THE 'OK COMPOST HOME' CONFORMITY MARK

No. TA8021802767

Issued by TÜV AUSTRIA BELGIUM NV

Product(s):

Domain	Home Compostable Products
Group	Raw materials
Family	Bio Material
Type	In form of Granulates
Trade mark	Bio-Flex® F 1801
Description / Particularities	Colour : translucent Maximum thickness in film format : 24 µm

Licensee:

Criteria:

- Test Program with reference OK 2 edition D "Home compostability of products"

Validity: From 19 June 2018 till 19 June 2023

Conclusions of the examination: The products comply with the above mentioned certification criteria, as confirmed by the test report 65000184 / 2018-AG-080p.

Applicable certification system: Type examination followed by supervision through verification tests on samples from the distributor's stocks or of the market.
The conformity of the product is guaranteed by the procedures for awarding and use of the 'OK compost HOME' conformity mark. This only applies for specimen bearing the 'OK compost HOME' mark.

Brussels, 19 June 2018

For the Certification Committee
Ph. DEWOLFS
President of the Committee

Annex : /

029946-17-4

IF YOU HAVE A PRODUCT YOU WANT TO MAKE SUSTAINABLE GIVE US A CALL! WE ARE OPEN TO HELP YOU.

How we operate

1. We have an intake discussion in which we discuss what you want, what you need and what we can offer.

2. We make use of our extensive sustainable network to find the right solution to achieve the product you want.

3. We manufacture the product and alter it according to your feedback until we have a product you are 100% happy with.

Let's make things better together!

COMPOSTABLE

WHY COMPOSTABLE BIOPLASTIC?

Composting can reduce the volume of organic waste quite significantly, while the compost produced can be used for agricultural and horticultural purposes. About 50% of all domestic waste comprises organic material, a percentage that is set to grow in the future. Transitioning to compostable products has a massive impact on our global waste managment. No more plastic in our forests and oceans.

Let's get in touch

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Address:

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