Product Guide

Be All You Can Be!

A 100% biodegradable film wrap that extends the shelf life of fruits and vegetables by up to 3X’s longer.
PeelON developed an award-winning, biodegradable, packaging film solution for growers, exporters, and fresh food distributors known as PeelON-Fresh.

PeelON-Fresh is a transparent wrap, similar to the current plastic wrap EXCEPT PeelON-Fresh is 100% biodegradable AND extends the shelf life of most fruits and vegetables by up to 3X’s longer!

As a company, we bridge the gaps between food and energy waste in the global food supply chain industry with our patent-pending, novel solution. Our approach is 100% natural and biodegradable.

With PeelON, we maintain the freshness and taste of food, extend shelf life, delay ripening, and prevent microbial growth. This results in less food waste, fewer carbon emissions from spoilage and energy systems, and a reduction in the use of conventional plastics.
Owning three provisional patents, PeelON has created a 100% biodegradable and compostable plant-based film wrap that enables most fruits and vegetables to stay fresh up to three times longer. Peelon is a B2B film wrap producer catering to growers, exporters, and distributors.

Intellectual Property

PeelON's commitment to fostering innovation and dedicating resources to research and development has resulted in the attainment of three provisional patents. These patents signify our innovative approach and the protection of our proprietary technologies. We continue to drive advancements in the field of packaging solutions, leveraging our intellectual property to deliver cutting-edge products to our customers.
Peelon-Fresh is our next-generation, 100% biodegradable packaging film solution that extends the shelf-life of fresh fruits and vegetables, keeping the fresh produce fresher for up to 3x longer. Simply place your fresh produce in our film and enjoy the benefits of longer-lasting freshness!

**Extends Shelf Life**
Since the Peelon-Fresh bag is made without Pro-Peel solution, any produce placed into this bag will reap the similar benefits of extended shelf-life, along with the retaining of freshness, moisture, and taste.

**Bio-Degradable**
The elements of our Peelon-Fresh bags are made primarily of plant-based components. In order to make this 100% biodegradable, no harmful micro-plastics are left behind that are harmful for the planet.

**No-Hassle**
One of the biggest benefits our Peelon-Fresh bag is the simplicity of use being waterproof, heat, and cold resistant. There is no need to spray anything, just simply place the produce in the bag and enjoy!
Advantage

Research & Innovation
PeelON's commitment to meeting the specialized needs of growers, exporters, and distributors through intensive research and testing of our Peelon Fresh films has expanded the opportunities for adding value to their operations.

Product Differentiation
100% fully biodegradable films neither leave residue on food nor emit unpleasant odors, allowing the user to enjoy the authentic taste of the packaged product.

Process Expertise
Our proficiency in process engineering allows us to maintain uniformity, accountability, and dependability in every product we deliver.

Economies of Scale
Peelon can offer highly competitive pricing because of our capitalization on economies of scale, high output, advanced and efficient production lines, blown film extruders, and cohesive supply chain logistics.
At PeelON, we possess extensive knowledge of fresh produce packaging. Whether it involves packing fruits, vegetables, berries, or leafy greens, we deliver top-notch packaging solutions. Our focus is on providing the finest packaging solutions that enhance reliability and efficiency, decrease operational costs, and limit product wastage, thereby ensuring your competitiveness.

PeelON-Fresh, our 100% biodegradable and compostable plant-based film wrap, effectively addresses the challenges of:

- Spoilage in fresh produce
- Freshness gaps due to varying temperatures in the cold supply chain
- High plastic wastage

**Fruits & Berries**
From apples to exotics to berries, Peelon-Fresh films works on all kind of fresh fruits and berries

**Vegetables & Leafy Greens**
Peelon-Fresh also works just as well on fresh vegetables and leafy greens such as spinach, cilantro, and herbs.

**Custom Sizing**
Fresh produce packaging comes in all kinds of different shapes and sizes, so we offer custom sizing to fit your needs.
Film Characteristics

Transparency
Peelon-Fresh films boast a high degree of transparency, allowing clear visibility of the fresh produce inside, ensuring quality checks are effortless and immediate.

Breathable
Peelon-Fresh films exhibit exceptional breathability, enabling optimum gas exchange to maintain freshness and prevent premature spoilage of the enclosed produce.

Customizable
Designed to accommodate diverse needs, we offer size customization for our films, ensuring a perfect fit for any type of fresh produce packaging, regardless of shape or size.

Temperature
With remarkable resistance to both cold and hot temperatures, our films ensure the integrity and quality of the packaged produce are maintained across a wide range of storage and transport conditions.

Shelf-Life
By extending the shelf life of fresh produce by up to 3x, Peelon-Fresh films significantly reduce food waste, helping growers, distributors, and consumers alike make the most of their produce.

Biodegradable
Peelon-Fresh films are fully biodegradable, offering an environmentally-friendly solution to fresh produce packaging that leaves minimal ecological footprint.
"We are excited to begin using PeelON-Fresh for our mango shipments via sea freight. The successful trials from the Dominican Republic to the Netherlands have given us great confidence in PeelON’s biodegradable packaging, which extends the shelf life of our mangoes and ensures our produce remains fresh and market-ready for the longer duration of transportation."

Johan Budhai
Director - Carvexco Exports
<table>
<thead>
<tr>
<th>Technical Parameters</th>
<th>Unit</th>
<th>Typical Value</th>
<th>Standard</th>
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<tbody>
<tr>
<td>MFI (190°C &amp; 2.16kg)</td>
<td>g/10min</td>
<td>13</td>
<td>ASTM D1238</td>
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<tr>
<td>Tensile Strength Speed of Test -50 mm/min</td>
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<td>ASTM D638</td>
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<td>Tensile Modulus</td>
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<tr>
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<td>Gravimetric</td>
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*Typical characteristics and not to be taken as specifications

Processing Machinery: Blown Film Extruder
RESULTS GALLERY

CILANTRO AFTER 7 DAYS
KEPT AT ROOM TEMPERATURE

AVOCADO AFTER 15 DAYS
KEPT AT ROOM TEMPERATURE

RAMBUTAN AFTER 6 DAYS
KEPT IN REFRIGERATION

STRAWBERRIES AFTER 10 DAYS
KEPT AT ROOM TEMPERATURE
RESULTS GALLERY CONT.

**PEEL-LESS PLANTAINS AFTER 8 DAYS**
*Kept at room temperature*

**BLUEBERRIES AFTER 10 DAYS**
*Kept at room temperature*

**ASPARAGUS AFTER 5 DAYS**
*Kept in outside temperatures*

**MANGO AFTER 16 DAYS**
*Kept at room temperature*
Environmental Policy

Since starting as a company, we’ve been at the forefront of a transformation, assisting businesses globally in making a vital switch to fully sustainable products, moving away from single-use and non-recyclable items.

At PeelON, our commitment to sustainability is not just an aspect of our operations, but the very foundation of who we are. As we continue to break new ground, we strive to introduce cutting-edge biodegradable films to the market. Yet, our mission remains the same — impacting PEOPLE, PLANET, and PROFIT through the innovation of nature because our current and future generations deserve a sustainable future!

Regulatory Compliance

Mandatory Warning
Peelon-Fresh films are safe, eco-friendly and recyclable. They do not contain plasticizers (such as phthalates), stabilizers containing dangerous heavy metals (such as lead, cadmium, mercury), fungicides and other toxic substances. However, disposing of or dumping should be done in accordance with the local or national regulations in force.

Disclaimer
This information is based on our present knowledge. However, PeelON Inc assumes no responsibility for the use of information presented herein and hereby disclaims all liability with regards to such use.
Next Steps

Our job at PeelON is to provide you with efficient solutions that are easy to attain, help increase your revenue, and play a role in creating a sustainable future.

HERE'S THE PLAN

Step 1: Assess Your Needs
Get in contact to schedule a call with us. We will assess your needs and develop a plan for the sizing and the amount of PeelON-Fresh you will need.

Step 2: Develop Your Solutions
Based on the plan we created, we will develop the custom-made PeelON solutions that are specific for your business needs.

Step 3: Implement and Enjoy!
Receive your PeelON-Fresh solution and implement it into your supply chain. Then comes the best part... Enjoy the benefits!

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