



— ROOFING MEMBRANES

PROCESS & PROTECTIVE FILMS



ABOUT NOVACEL

As a **40-year-old worldwide leader in surface solutions**, Novacel proposes full solutions to its customers, ranging from industrial processing films, to technical tapes, paper products, machines and a set of services.

Novacel continuously focuses on expertise and innovation to provide its customers and partners with the most appropriate recommendations to value their materials and to contribute to their industrial efficiency.

Present in **90 countries**, with more than **750 employees**, Novacel whose signature is 'Beyond the Surface' is deeply committed to sustainability and innovation, for People and the Planet.



WHY USE NOVACEL SOLUTIONS?

> A Global Solution Provider

Novacel offers complete solutions with industrial processing films, technical tapes, paper products, machines and a set of services.

> Unique features for your specific needs

We create innovative solutions to improve your industrial efficiency and take care of people like low noise, easy peel or films dedicated to new surfaces or equipments.

> Expertise & Technical support

Our teams are dedicated to provide you the best experience and to assist you from the initial search for the right solution right up to its final implementation.

> A Strong CSR Commitment

Novacel keeps working on its carbon footprint by improving its production, creating eco-responsible solutions and placing human well-being at the heart of its strategy.



— EPDM - TPO - PVC

Among the different existing waterproofing roofing solutions, membrane products have been, and continue to be viable product options versus traditional alternatives. With **more than 42% growth in the past 10 years** and **more than 9,5Msqm sold in 2022*** worldwide, the membrane products have gained industry acceptance. Their naturally reflective surfaces reflect UV rays, lowering energy costs. On top of it, **roofing membranes are lighter, faster to install and less expensive than classic roofing products**. Their durability in any weather condition makes them even more valuable on the market.

During installation, roofing membranes can get dirty or damaged by foot traffic, dropped tools, ladders, or other installation accessories present on the roof. In order to guarantee a high-level performance, and improve the installers' efficiency, **it is essential to protect the membranes from their production to their installation**. It also contributes to cost savings by keeping the surfaces perfectly clean to the end.

All Novacel products have been developed with and for membranes' manufacturers to propose a complete and effective solution. However, as membranes formulations are company specific, Novacel R&D team always provides a systematic technical support to fit the most suitable solution.

**Source: The Freedonia Group, Inc.*

NOVACEL ASSETS

> An adapted Offer

- Perfect adhesion on the surface
- Automatic lamination in-line or off-line

> A quality protection

- No tearing during removal
- No stains or residues left
- All weather-proof and high temperatures resistant worldwide

> Efficiency improvement

- Easy membrane unwinding, no liner needed
- Easy film removal, one man only

> Safer for your installers

- Special formulated backing film to reduce slipping when working on roof





— SPECIFIC NEEDS

At Novacel, our technical teams located in North American, China and Europe, are dedicated to match the right Novacel product to your specific membrane product.

- Our Research and Development laboratory has the necessary equipments to analyse in detail every surface.
- We lab test all our recommendations before sending you samples.
- In addition, our technicians stay up to date, with the **latest market trends and innovations** to always bring you the most suitable solution.



FLEECE BACKED MEMBRANES

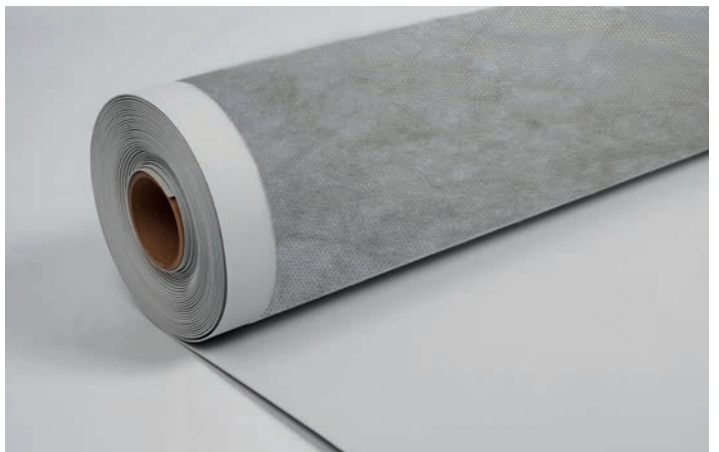
In addition to traditional roofing membranes, a fleece backing layer can be laminated to the roof side for insulation purpose.

As membranes are rolled up, this fleece layer can stick to the top of the surface and therefore jeopardize its integrity.

Novacel Expertise on fibered and textile surfaces enable us to propose solutions for those applications.

RELEASE COATING FOR SELF ADHESIVE MEMBRANES

As safety and time are two major concerns for companies and installers, self-adhesive roofing membranes are being developed on the market. This adhesive coating requires a release solution in order to roll the membrane up without jeopardizing its technical condition and integrity. Rely on Novacel expertise in release solutions to preserve membrane's adhesive and functional integrity.



NOVACEL COMMITMENT TO PEOPLE AND THE PLANET

Novacel CSR Strategy is organized around 3 pillars:

- **Creating a responsible industrial community**
- **Minimizing our environmental impact**
- **Eco-designing our products**

Eco-designing our products

Reducing the environmental impact of our products by innovating all along their conception until their end of life and taking care of teams' and customers' health is at the heart of Novacel CSR Strategy.

Tackling the ecological impact of our products on the planet is a daily challenge. **Oxygen**, Novacel unique range of responsible products promises to:

- **Reduce fossil raw materials use to save non-renewable resources**
- **Use as many recycled resources as possible to limit the production of new fossil based films**
- **Minimize CO₂ emissions**
- **Be 100% recyclable**



- FOSSIL
RESSOURCES



- CO₂ EMISSION



+ RECYCLING

Increasing the human wellbeing at work is a daily preoccupation at Novacel; internally and externally. Novacel keeps developing technologies in this direction to decrease repetitive strain injury (RSI) or increase the quality of work environment:



EASY PEEL




EASY UNWINDING



LOW NOISE

Ask now for a free sample roll for formal approval on your fabrication line!

— FIND YOUR MATCH

Grade	Thickness (µm/mils)	Adhesion	Outdoor Resistance
9573	50 / 2	Medium	3 months
3230 	70 / 2.8	Medium	6 months
4233	70 / 2.8	Medium	6 months
4235	80 / 3.2	Medium High	6 months
4324	80 / 3.2	High	6 months



VEGETAL
BASED CONTENT

3230: Oxygen Vegetal, Novacel most eco-responsible range:

By introducing biobased polyethylene or polypropylene, the **OXYGEN Vegetal** range is the best solution for manufacturers wishing to reduce their CO₂ impact. This range offers films that are biobased origin (plant oil waste & residue) and produced thanks to the Mass Balance approach.

~30% CO₂ footprint reduction

100% recyclable



www.novacel-solutions.com

