

# — ALUMINUM SURFACES

PROCESS & PROTECTIVE FILMS, LAMINATORS  
AND TECHNICAL TAPES



**NOVACEL**  
Beyond The Surface







# ABOUT NOVACEL

Novacel is a 40-year-old worldwide leader in surface solutions. Novacel offers complete solutions to its BtoB customers with industrial processing films, technical tapes, paper products, machines\* and a set of services. Novacel contributes to its customers' industrial efficiency.

Present in 90 countries, with more than 750 employees, Novacel, under the signature 'Beyond the Surface', is deeply committed to sustainability and innovation, for both planet and people. Novacel is an entity of the Chargeurs Group, under the name Chargeurs Advanced Materials.

\*Omma, Walco, endorsed by Novacel

## NOVACEL IS COMMITTED TO PEOPLE AND THE PLANET

**Our teams are committed to preserving everything that holds value by creating a responsible industrial community and doing their best in all their operations while respecting the planet:**

- Taking care of people: Novacel has developed solutions to reduce occupational fatigue thanks to products that are easy to remove and generate less noise
- We have developed innovative eco-responsible alternative products with our Oxygen range to reduce our use of fossil resources and CO2 impact
- Most of our products are recyclable
- Our products are REACH-compliant and we are continuously reducing our COV emissions
- Novacel invests in its plant to reduce its impacts on the planet: not only energy and water consumption but also waste generation. For example, our water consumption has been cut by 80% over the last five years.



**Complete, innovative solutions for aluminum surfaces for enhanced efficiency in your industrial processes while also protecting people and planet.**

***Novacel, over 40 years of expertise for your surfaces!***

**Aluminum** is a multiuse material, both lightweight and resistant, durable and flexible, highly reflective and fully recyclable. It is a material that is increasingly present in our daily lives. It is an exceptional metal widely used in many fields thanks to its numerous useful properties.

Whether bare, brushed, anodized or colored anodized, its various structures or finishes allow the use of multiple designs, shape-effects and esthetics.

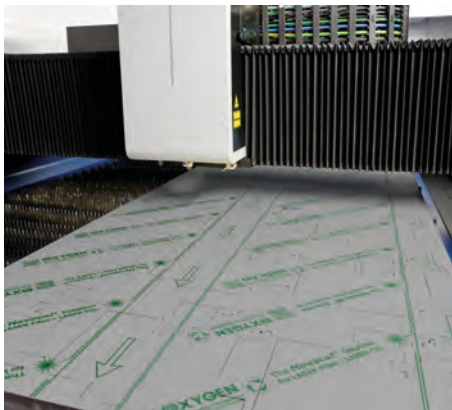
Before becoming a finished product, aluminum goes through a number of severe industrial processes. In order to avoid damage to its surface while it is going through all these steps, choosing the right safe processing solution is key!



## **SURFACE SOLUTIONS**

Whether for the exteriors of buildings, interior decoration, lighting applications, household appliances, electronics or other industries, Novacel can offer a dedicated range of innovative and reliable films to preserve the integrity of your valuable aluminum surfaces during all manufacturing processing.

**NEW**



Novacel Oxygen films contribute to your CSR objectives. **Do not hesitate to share your projects with us.**

### **DISCOVER OUR ECO-RESPONSIBLE RANGE, OXYGEN, TO REDUCE YOUR CARBON FOOTPRINT!**



**VEGETAL  
BASED CONTENT**

3030GAB vegetal:

- **35% less carbon emission** than an equivalent traditional film
- **Use of 30% vegetal oil waste**
- **Identical performance characteristics to standard films:** mechanical, adhesive, UV resistance



**LEAN**

3200GAB Lean:

- **11% less carbon emission** than an equivalent traditional film
- **20% reduction LDPE content**
- **Suitable for light transformation**

# NOVACEL'S INNOVATIVE OFFERINGS FOR LASER PROCESSES

**Novacel 4228REF** is the market reference film for Laser CO2 & Laser Fiber cutting operations. Thanks to their proven high performance, your laser-cut aluminum materials will be safe and remain intact whatever their finishes.

- **Bubble-free:** resists cutting gas pressure
- **Limited shrinkage:** clean film cutting
- **3 to 6 months worldwide outdoor resistance**



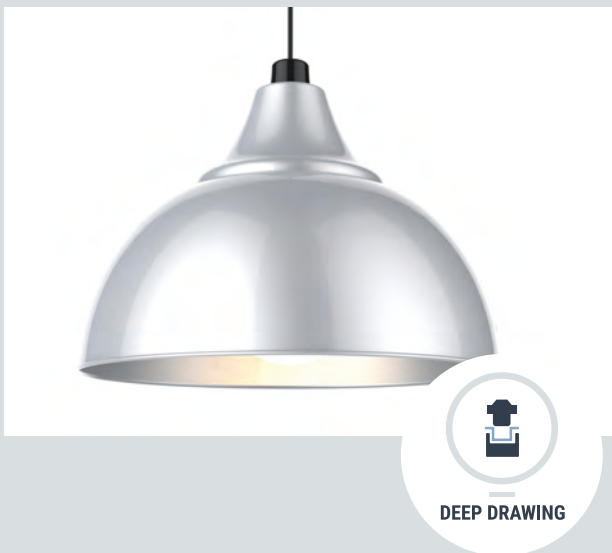
LASER



LASER



## A DEDICATED RANGE FOR DEEP DRAWING PROCESSES



To guarantee optimal cover during deep drawing processes, Novacel has created a dedicated range, named "Deep Blue", that addresses all production requirements:

- **Perfect conformability to the shape** of your component
- **High-quality backing and coating** to eliminate impacts and scratches during application of pressure
- **Premium adhesion** adapted to your depth, finish and inter-step timing
- **No lift-up** during your process
- **No residue left** after removal

With **Novacel 4241** and **Novacel 4805**, you benefit from a perfect cutting at full speed with no bubbling or lift-up during deep drawing operations.

## EASY PEEL: NOVACEL'S INNOVATION FOR ALUMINUM

**Novacel 4805** is Novacel Easy Peel solution for bare and anodized aluminum in standard, thin sheets or coils.

Your vulnerable aluminum surfaces will benefit from the market's fastest, easiest removal, enabling you to limit risks of musculoskeletal disorders (MSD) for your teams.



EASY PEEL



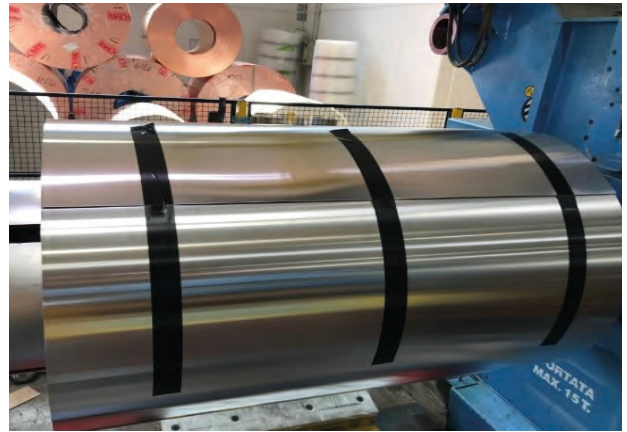


# — TECHNICAL TAPES

Try the Novacel technical tapes range dedicated to fixing, splicing and bundling metal coils.

Our single-sided adhesive tapes range provides guaranteed safety and preservation for your aluminum surfaces:

- **High adhesion and tensile strength**
- **Easy removability**
- **No residue left on the surface**



# — MACHINE LAMINATORS



WALCO\* TX Precision Laminator is an in-line and off-line laminator with a high-precision automatic cutting system, designed and patented for the application of process & protective adhesive film to aluminum surfaces.

Novacel offers application machines for all your needs: standard laminators with manual cutting: « Pro-Jet » and « I-Walco ».



**Horizontal laminator:  
Pro-jet**



**Horizontal laminator:  
I-Walco**

## WHY USE NOVACEL SOLUTIONS?

- **Accelerate your manufacturing process** with increased productivity
- **Preserve the value of your products by** preventing external damage to your surfaces
- **Save money** by reducing cleaning costs and customer claims
- **Take care of your employees** with less noise and faster, easier handling
- **Respect the planet** by reducing your waste
- **We are at your side to meet all your industrial challenges**

## FIND YOUR MATCH

	Grade	Thickness	Adhesion	Backing	Outdoor resistance	Aluminum finishes			Technology
						High Gloss	Mill Finish	Brushed	
LASER	4329REH	80µm	High		6 months	✓	✓		
	4318REM	75µm	Medium		6 months	✓			
	4228REF	100µm	Very High		6 months		✓	✓	
	4228RLN	100µm	Very High		6 months		✓	✓	Low Noise
	3030GAB	100µm	Very High		6 months		✓	✓	Oxygen Vegetal
	3200GAB	100µm	Very High		3 months		✓	✓	Oxygen Lean
Multi-purpose	4233	70µm	Medium		6 months		✓	✓	
	3000	70µm	Medium		6 months		✓	✓	Oxygen Vegetal
	3230	70µm	Medium		3 months		✓	✓	Oxygen Lean
	4256	60µm	Medium-Low		3 months	✓	✓		
	4410	60µm	Medium-Low		/	✓	✓		
	4218	50µm	Low		/	✓			
Deep Drawing	4805	50µm	Easy Peel		2 months	✓	✓		
	4255	50µm	Easy Peel		2 months		✓	✓	
	4432	45µm	Medium-Low		/	✓			
	4241	60µm	Medium-High		/		✓	✓	

For more grades please refer to your area seller



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[www.novacel-solutions.com](http://www.novacel-solutions.com)

