



## LASER FIBER & LASER CO<sub>2</sub>: one NOVACEL solution for both cutting technologies!

*press release*

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NOVACEL is the worldwide leader in industrial surface protection, particularly for uncoated metal.

Always a step ahead in the stainless steel protection, NOVACEL introduces a new product, 4228REF, which is specifically engineered in partnership with TRUMPF for fiber LASER cutting technology.

### Main features:

- ◆ Color: **black / light grey**
- ◆ Film type: LDPE UV treated
- ◆ **Outdoor resistance: 3 months**
- ◆ Thickness: 100 µm
- ◆ Adhesive type : solvent based rubber adhesive
- ◆ Adhesion strength (AFERA 4001): 140 cN/cm
- ◆ Lengths: 1000 and 500 metres
- ◆ Dedicated specific print

Fiber LASER can process at higher speeds and will help lower operating costs. **Realize the full advantage of this new cost saving technology by protecting your surface with Novacel 4228REF!** Plates protected with Novacel 4228REF can be cut in a single pass with minimal shrinkage and clean edges.

NOVACEL 4228REF can be used for both LASER cutting technologies (Fiber and CO<sub>2</sub>).

Our 4228REF has a unique light grey color which easily identifies product that is suitable for cutting with fiber LASER machines.

### Novacel 4228REF provides many benefits that make all the difference:

- ◆ Protected sheet metal can be LASER cut in a single run with Fiber or CO<sub>2</sub> technologies
- ◆ Film does not separate from the surface during the LASER cutting operation, preventing the formation of air bubbles.
- ◆ Outdoor resistance of 3 months
- ◆ The film may be easily removed in one piece, with no blocking or tearing
- ◆ The unique color easily identifies protected plates that can be cut with LASER Fiber and LASER CO<sub>2</sub> machines
- ◆ A specific film imprint shows both the potential for single-run sheet metal LASER cutting and the correct direction for sheet metal shaving and abrasion

4228REF cuts down on LASER-cutting time and maintains surface integrity throughout the cycle of various mechanical transformations (bending, backing, stamping, forming, etc.).

The film's specific characteristics allows for automated protected sheet-metal handling while avoiding any risk of taking two plates at the same time.

4228REF is totally free of any raw materials that could produce hazardous outflow to the operators or equipment during LASER cutting operation. 4228REF is recyclable, as it is with the entire NOVACEL range.

Samples are available upon request.

[www.novacel.fr](http://www.novacel.fr)

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### NOVACEL

Established in over 60 countries, NOVACEL develops, produces and markets self-adhesive films for temporary surface protection in the electronics, home-appliances, automotive and building industries.

NOVACEL films can be applied on a great variety of surfaces such as stainless steel, pre-coated metals, aluminium, plastics, profiles and high pressure laminates.

At every stage of the transformation process (folding, stamping, profiling, etc), as well as during handling, transport and fitting, the film acts as a protective barrier against outside aggression, preventing scratches, dirt, etc.

Novacel is ISO 9001 and 14001 certified, and ECCA member.

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