



FIBER LASER & CO₂ LASER:

one NOVACEL solution for both cutting technologies!

press release

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Contacts:

To find out how Novacel can deliver Value for your company please contact us at:

877-668-2235 (877-Novacel)

OR

www.Novacelinc.com

NOVACEL

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

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

Always a step ahead in the stainless steel protection, **NOVACEL is pleased to introduce a new product, 4228REF, for both Fiber LASER and CO₂ cutting technologies.** This product has been approved by leading LASER manufacturers such as Bystronic, Salvagnini and Trumpf.

NOVACEL 4228REF main features:

- ◆ Colour: **black / light grey**
- ◆ Film type: Polyolefins UV treated
- ◆ **Outdoor resistance: 3 months**
- ◆ Thickness: 4 mil
- ◆ Adhesive type : solvent based rubber adhesive
- ◆ Adhesion strength (AFERA 4001): **12.8 oz./in.**
- ◆ Lengths: 3281' and 1640'
- ◆ Dedicated specific print

NOVACEL 4228REF can be used for both LASER cutting technologies (Fiber and CO₂).

NOVACEL 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 pass with Fiber or CO₂ technologies
- ◆ Film does not separate from the surface during the LASER cutting operation, thereby preventing the formation of air bubbles.
- ◆ Minimal shrinkage and clean edges
- ◆ Outdoor resistance of 3 months
- ◆ The film may be easily removed in one piece, without blocking or tearing
- ◆ The unique light grey colour easily identifies protected plates that can be cut with Fiber LASER and CO₂ LASER machines
- ◆ A specific print shows the correct direction for sheet metal shaving and abrasion
- ◆ NOVACEL 4228REF reduces 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.
- ◆ NOVACEL 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.

Fiber LASER machines can process at higher speeds and will help lower operating costs compared to LASER CO₂ machines. **Realize the full advantage of this new cost saving technology by protecting your surface with Novacel 4228REF!**

Samples are available upon request.

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