

## PROTECTIVE FILM NOVACEL 4336

### I - DEFINITION

Self-adhesive film for temporary surface protection.

### II - CHARACTERISTICS

- Film type : Polyolefins U.V. treated
- Colour : Blue transparent
- Type of adhesive : Acrylic

	Method	Metric Units	US Units
Average thickness	AFERA 5006	50 $\mu$ m	2 mils
Breaking strength :			
Machine direction	AFERA 5004	> 1 daN/cm	> 5.7 lbs/in
Transverse direction		> 0.7 daN/cm	> 4 lbs/in
Elongation at break :			
Machine direction	AFERA 5004	> 200 %	> 200 %
Transverse direction		> 500 %	> 500 %
Adhesion to stainless steel	AFERA 4001	90 cN/cm	8.0 oz/in
Unwind force	AFERA 4008	< 25 cN/cm	< 2.2 oz/in

N.B. : - AFERA : Association of European Self-Adhesive Tape Manufacturers.



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### III - PRINCIPAL USES

NOVACEL product reference 4336 is used for the protection of surface finishes from dirt, scratches and tool marks during :

- Handling
- Transport and Storage
- Forming
- Assembly...

NOVACEL 4336 can be used to protect :

- Plastic profiles
- Rigid PVC sheets

### IV - PRINTABILITY

The film can be printed in one or two colours and the minimum quantity per order is 50.000 SMQ (+/- 10 %, as normal practice for printed products).

The printed message can be used for :

- Corporate identity support
- Displaying company or product "logos"
- Advertising
- Instructions and specifications
- Methods of use of the protected surface

### V - PRESENTATION

NOVACEL can supply rolls in different lengths and in widths up to 2600 mm / 102 in.

For example :

- Exterior diameter of the 1000 linear meter rolls : approx. 270 mm / 11 in.
- Exterior diameter of the 2000 linear meter rolls : approx. 370 mm / 15 in.

Interior diameter of core : 76 mm / 3 inches

### VI - LAMINATION

NOVACEL 4336 must be applied to a clean and dry surface with the aid of a laminating machine. The film must be applied without bubbles and without excessive tension (elongation of the film during lamination should be less than 1 %).



## VII - STORAGE AND APPLICATION

- The NOVACEL 4336 film must be stored in its original packaging, in clean, **dry** conditions.
- The film should be applied within a 6 month period from the delivery date.
- The film should be removed within 1 year from the date of lamination including 6 months outdoor, while avoiding the presence of stagnant water.
- The following precautions should be taken when the printed NOVACEL 4336 film is exposed to sunlight :

The printed surface of the 4336 film can have a greater screening effect than the nonprinted surface, which could result in colour or gloss variations.

NOVACEL requests that the client tests to 4336 film, before using the product, to endure that during exposure to sunlight, the protected surface is not subject to such variations.

- Care should be taken when heating of surfaces protected with NOVACEL 4336 is involved :

NOVACEL requests that the client checks before using the film, whether heating of the film causes colouring of the protected surface.

When infra-red (IR) radiation is used for heating surfaces protected with the printed NOVACEL 4336 film, the printed surface of the film can absorb IR radiation at a different rate than the unprinted surface.

Prior to the use of printed NOVACEL 4336, NOVACEL requests that the client makes tests to ensure that this absorption differential does not have an undesirable effect on the protected surface. In the event that this phenomenon gives problems, a different type of heating should be used (preferably ovenheating).

- Elimination of protective film waste.  
Recycling is possible. Dumping or incineration possible under conditions to respect the local or national regulation in force.

## VIII - GENERAL GUARANTEE CONDITIONS

NOVACEL self-adhesive, protective films are designed for temporary surface protection of surfaces against dirt, scratches and tool marks ; they are not designed for protection against corrosion, humidity or chemicals. Their applications are very diverse and the conditions of use can vary from one enterprise to another, and for this reason NOVACEL always ask the Client to test the product and carry a full trial, prior to its use.

The evaluation trial must take into account the type of material on which the product is used, the surface finish, the temperature and processing constraints, and the time and conditions for interior or exterior use.

The principal utilisations mentioned in part III are only indicative and will not engage NOVACEL's responsibility if utilisation test is not done under normal use forecast by the customer.



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NOVACEL cannot be responsible for the misuse of the product, nor for the consequences of their usage for non-recommended applications.

The product guarantee is generally limited to the replacement of the defective product and does not cover consequential claims.

**This is a computerised form and is signed electronically**



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