

## **PROTECTIVE FILM HERANTE 4108**

### **I - DEFINITION**

Self-Adhesive Film for Temporary Surface Protection.

### **II - CHARACTERISTICS**

- Film Type: Low density Polyethylene
- Colour: Black
- Type of Adhesive: Rubber
- Average thickness (AFERA 4006): 100 µm
- Breaking strength (AFERA 4004) - Machine direction: > 1,5 daN/cm
  - Transverse direction:> 1.3 daN/cm
- Elongation at break (AFERA 4005) - Machine direction: > 300 %
  - Transverse direction:> 500 %
- Adhesion to Stainless Steel (AFERA 4001): 125 cN/cm
- Unwind force (AFERA 4008): < 250 cN/cm
- Peel Adhesion after 3 months: 60 to 200 cN/cm, lamination and at speeds of depending on the type of surface  
300 mm/min

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

### **III - PRINCIPAL USES**

HERANTE Product Reference 4108 is used for the protection of surfaces against dirt, scratches and tool marks during :

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

HERANTE 4108 is extremely versatile and can be used to protect the following :

- **cold rolled stainless steel**
- aluminium (anodized alu or not)
- plastic sheets (PVC, PMMA, ACR, PC, PS)
- decorative laminates
- painted metal - rigid PVC

Leveringen geschieden uitsluitend volgens onze Algemene Voorwaarden. Zie <http://www.herante.com/voorwaarden>

**NOTE : It is not advisable to use 4108 on copper, brass and alloys containing copper.**

#### **IV - PRINTABILITY**

The product can be printed in one or two colours and the minimum quantity is 50,000 SQM (+/- 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**

HERANTE 4108 is generally supplied in rolls of 500 ml in length and up to 2,600 mm in width.

- Exterior diameter of 500 m rolls : approx. 280 mm - Interior diameter of core : 76 mm

#### **VI - LAMINATION**

HERANTE 4108 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 after lamination less than 1 %).

#### **VII - STORAGE AND APPLICATION**

- The HERANTE 4108 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 from

HERANTE.

- The film should be removed within 1 year from the date of lamination.

- within 6 months for stainless steel if the product has been exposed outdoor - within 1 year for all other surfaces if the product has been exposed outdoor • 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**

HERANTE 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 HERANTE always asks the Client to test the product and carry out a trial.

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 exterior use.

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

HERANTE 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.