

NASTER NP85 BEP PROTECTIVE FILM Issued June 28, 2018 – Rev. July 15, 2021

1 DEFINITION

Adhesive film for the temporary protection of surfaces

2 CHARACTERISTICS

Description	Units	NP85 BEP
Film		Polyolefin
Breaking Strength	MD N/mm ²	> 22.0
ASTM D 882-18	TD N/mm ²	> 19.0
Elongation at Break	MD %	> 300%
ASTM D 882-18	TD %	> 600%
Adhesive		Acrylic
Total Thickness	Micron	70.0 ±10%
Adhesion to Steel	N/cm	0.65 ÷ 1.05
A.F.E.R.A. 5001		
Application Temperature	°C	18 ÷ 50
Removing		Within 6 months
UV Protection		Available 3/6 months
Colour	Transparent or coloured	

3 RECOMMENDED SURFACES

 Anodised and/or lacquered aluminium
 Pre-painted metal
 Decorative laminate
 Coils coating
 Synthetic profiles
 PVC foil
 Fiberglass

4 PRINTING

 The film can be printed in a number of colours ranging from one to four, with a minimum quantity per order of 50000 m² (±10%)

5 DIMENSIONS

 - Outer diameter 400 mm
 - Inner diameter 76 mm

6 LAMINATION

Naster NP85 BEP must be applied to a dry, clean surface (free of oil, grease, solvents) at a temperature of between 18 and 50 °C, with the aid of a lamination machine (make sure that the film does not undergo an elongation of over 1%). Once applied, the product must be free of blisters or creases.

7 APPLICATION AND STORAGE

We recommend to keep in a dry place, out of the light of the sun and with a temperature including between 15° and 25°. The rolls must be stored and preserved in the original packing. However if storage conditions hadn't excellent, reshape the product before to use it.

-The film must be applied within 6 months of the date of shipment.

-The film must be removed within 6 months of the date of application.

-The surface protected by the film must not be exposed to the aggressive atmospheric agents.

-Consider the effects of IR heating on a surface protected with NP85 BEP printed film. The printed surface may absorb IR radiation in a different quantity compared to the unprinted portion, producing undesired effects on the protected surface. If the heating process is absolutely necessary, we recommend using an oven.

8 GENERAL WARRANTY TERMS

The Naster protective film has been designed for the temporary protection of surfaces against dirt, or scratches caused by tools or handling operations; it has not been designed for protection against corrosion, humidity or chemical compounds. Applications can be different and application conditions may also vary and hence the customer should perform local test before using the product.

Product tests must be performed on the surface actually used and must reproduce faithfully all finished product processing and storage stages.

The surfaces recommended in section 3 above are purely indicative and Naster shall not assume any responsibility if the Customer does not perform prior tests in the actual utilisation conditions.

The values showned are the resulting of an average of analysis obtained of the normal production and they haven't legal value.

The values insert in this technical form are the result of analysis of just made's products. The properties of the protective film can be amenable to change his properties due to wearing down in the time, even though keep high the quality level of the product.

Naster shall not be liable for any damages due to improper use of its product.

The product warranty is limited to replacement in the event of product defects ascertained by the Naster laboratory.