

# FerroPrint ASLAN FF 450

## Self-adhesive printable ferrous film for applying magnets

With this white matt self-adhesive ferrous film any surface becomes suitable for applying magnets. Being digitally printable it can be designed individually very easily. It replaces metal sheets and can be cut easily into any required shape. It can be laminated with other self-adhesive films without losing the characteristic of applying magnets.

For additional information please contact our technical advisory service:  
**+49 (0) 22 04. 7 08-80**

## Construction

face-film:	polyethylene based ferro film, pvc-coated	
thickness:	~ 450 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 60g/m <sup>2</sup>
release liner:	silicone cardboard, PE-covered on both sides	square weight: ~ 144 g/m <sup>2</sup>

## Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 7 N/25 mm ~ 12 N/25 mm
chemical resistance:	In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkalis and salts.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C

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## Processing

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<b>printability:</b>	The material is printable with solvent, eco solvent and UV curable inks as well as screen printing inks. In case of inadequate drying of the print-inks the film will soak through and the adhesive will be negatively affected.
<b>application:</b>	Dry application only. The surface must be free from dust, oil and grease.
<b>storage life:</b>	Before application the films can be stored for minimum 2 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.

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### State: 03|2015

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.

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EXPERTISE IN SELF-ADHESIVE FILMS