

FerroSoft Print ASLAN FF 480

Printable, especially flexible ferrous film for placing magnets

This film containing iron turns every smooth substrate into a magnetically-receptive surface. Thanks to the special softness of the film it can be ideally printed with solvent, eco-solvent and UV printing systems as well as the latex printing system HP 500 and in screen printing, and lends itself perfectly to creative customisation.

It can be cut to any imaginable shape or size, is easy to apply and can be combined with other self-adhesive films. In combination with ASLAN's transparent blackboard and whiteboard films for instance, printed graphics can also be written on with chalk or whiteboard markers.

For further information or questions regarding special applications please contact our technical advisory service:
+49 2204.708-80

Construction

face-film:	Polyethylene film containing iron with PVC-laminate (white, matt)	
thickness:	~ 480 µm	
adhesive:	pressure sensitive polyacrylate adhesive	square quantity: ~ 60 g/m ²
release liner:	Embossed silicone paper, PE-coated on both sides	square weight: ~ 130 g/m ²

Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 11.5 N/25 mm ~ 17.5 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, alkaline and salts.	
temperature:	application temperature: service temperature range:	from 15 °C -30 °C up to +80 °C

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Processing

application:	The film is to be applied dry. The substrate should be free of dust, grease and lint.
storage life:	Before application, the films can be stored for minimum 3 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.
processing instruction:	The material is to be transported and stored rolled on core (min. 3") only. This also applies to combinations with other common self-adhesive films. To exclude that tunneling might occur, a self-test is necessary.
printability:	The material is printable with solvent, eco-solvent, UV-curing as well as screen printing inks. It is also suited for the latex printing system HP 500. In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected.

State: 01|2018

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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