

**Product Description**

myMEDIA 7684 FerroStick is a self-adhesive iron-based ferrous film with excellent magnetic absorption capacity and behaves like metal that can be attracted by magnets. It transforms any smooth, solid surface into a magnetic surface and can be easily bonded due to its material thickness. As a flexible film, it has the property of a flexible magnetic sheet. Conventional magnets adhere to it in the same way as printed magnetic material, but it is not magnetic itself. Due to its homogeneous surface, it is ideal for lamination with various self-adhesive films, such as digital prints, whiteboard films, blackboard films, etc. It can be processed very well, bends easily, and can be used for a wide range of applications. The material is very easy to work with, bend, punch and cut with scissors or a knife without fraying.

**Physical Characteristics**

Front material	Iron-based ferrous foil with high magnetic absorption capacity	
Thickness / Weight	400 µm, 1600 g/m <sup>2</sup>	
Colour / Finish	Anthracite, matt	
Adhesion	Solvent-based acrylic adhesive, highly adhesive	
Liner	PE-coated silicone paper, ca. 100 g/m <sup>2</sup>	
Durability	Indoor	
Application temperature	>= +15°C	
Temperature range	+10°C to +35°C	
Adhesion	25N/25 mm after 20 min. 28N/25 mm after 24 Stunden	Finat FTM 1 (on stainless steel)
Resistance	Good resistance to water, detergents and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.	
Ferro side	Inside rolled	

**Storage and shipping**

Storage in rolls	Maintain a minimum diameter of 76 mm when rolled. Recommended hanging in the original cardboard box with core holders to avoid pressure marks. If this is not possible, store the material upright.
Flat storage and stacking	Stack on a clean, smooth, flat surface with paper layers. To avoid creases caused by incorrect pole alignment, the magnetic sides must not face each other. Do not place any objects on the product.
Shelf life	Up to 1 year in unopened original packaging.
Storage conditions	Clean and dry place, +15°C to +25°C at 50% relative humidity.
Shipping	Processed or printed material should not be bent and should be stored flat if possible. If this is not possible, then the non-magnetic or laminated side should be rolled outside and shipped or stored temporarily.

**Printing Method**

Compatible inks	Not recommended
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**Processing and converting**

Fabrication	Manual or mechanical
Processing	Cutting, punching, drilling

### Cleaning and maintenance

Cleaning	The film surface is cleaned with a mild detergent, then wiped with a soft cloth and left to dry sufficiently. This will extend the life of the product.
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### Substrates

Suitable substrates	The substrate must be clean, dust-free, grease-free, ice-free and dry.
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### Application instructions

Application	The film must be applied flat. Due to the thickness of the material, air bubbles can be easily prevented during application. Sharp edges, contours, as well as overhangs over an edge (e.g. on a panel) must be avoided.
Flexibility	The magnetic foil becomes more brittle at cold temperatures and should therefore, if possible, not be bent and under no circumstances be kinked at cold temperatures.
Notice	Die Haftung auf weichmacherhaltigen Untergründen muss vorab geprüft werden.

### Advantages and features

- High magnetic receptivity
- Creates magnetic surfaces on many substrates
- Property of a flexible magnetic sheet
- Homogeneous surface
- Ideal for foil lamination
- Easy further processing
- High adhesive force
- Great dimensional stability

### Applications

- Memo boards
- Blackboards
- Presentation walls
- POS
- Store design
- Displays
- Schools, Universities
- Hotels, seminar rooms
- Short to medium term advertising

### Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.