

Product Datasheet - Technical Specifications



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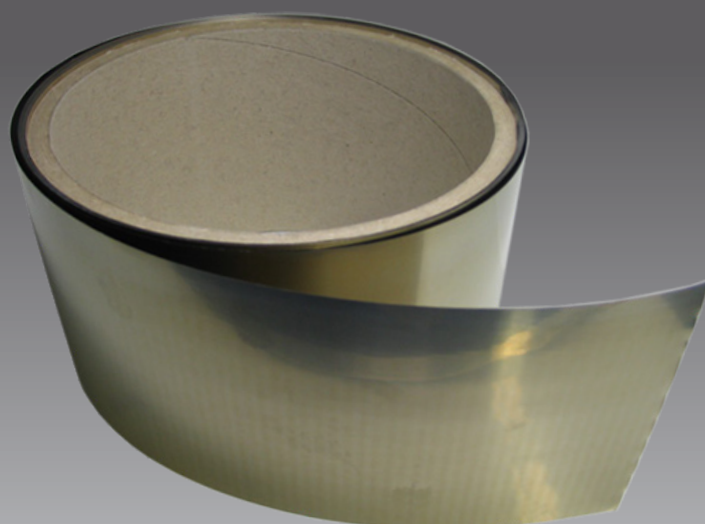
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MAGNETIC FIELD SHIELDING SHEET

MAGNOSHIELD

FLEX

Screening against static and low-frequency magnetic fields and interference of any kind



AARONIA AG
WWW.AARONIA.DE



MADE IN GERMANY

Specifications

Aaronia MagnoShield FLEX

Shielding factor	5 - 7
Saturation flux density	approx. 0,8 Tesla
Length per standard packaging unit	1 m (0,155 m ²), 10 m (1,55 m ²)
Lane width	0,155 m (155 mm)
Weight	approx. 1,1 kg/m ²
Colour	dark silver
Magnetically conductive material	Nickel/iron alloy, so-called Mu metal, isotrope
Material thickness	0,1 mm

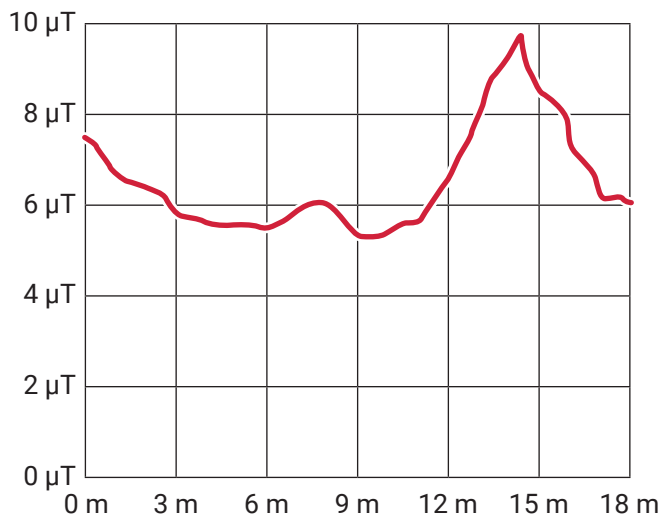
- Nealted for maximum shielding efficiency
- Foldable, can be bent and folded without problems
- Very easy handling and cutting using a knife or scissors
- Easy to install due to high flexibility
- Noncorrosive
- Paintable
- Frost proof
- Also available as self-adhesive version

Aaronia MagnoShield FLEX PLUS

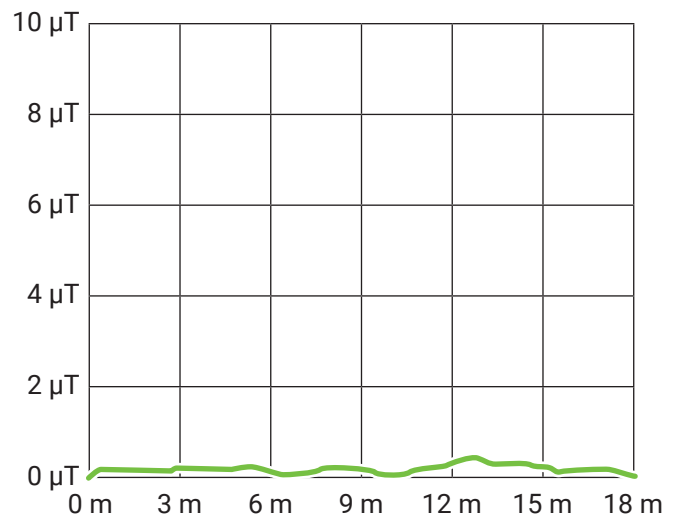
Shielding factor	5 - 7
Saturation flux density	approx. 0,8 Tesla
Length per standard packaging unit	1 m (0,091 m ²), 10 m (0,91 m ²), 50 m (4,55 m ²)
Lane width	0,091 m (91 mm)
Weight	approx. 1,1 kg/m ²
Colour	dark silver
Magnetically conductive material	Nickel/iron alloy, so-called Mu metal, isotrope
Material thickness	0,1 mm

- Self-adhesive version with very high adhesive strength
- Glue heat-resistant up to 120 C
- Nealted for maximum shielding efficiency
- Foldable, can be bent and folded without problems
- Very easy handling and cutting using a knife or scissors
- Easy to install due to high flexibility
- Noncorrosive
- Frost proof
- Paintable

Transmission damping curves without MagnoShield FLEX



Transmission damping curves with MagnoShield FLEX



REFERENCES



Selected Aaronia Clients

Government, Military, Aeronautic, Astronautic

- **NATO**, Belgium
- **Department of Defense (DoD)**, USA
- **Department of Defence**, Australia
- **Airbus**, Germany
- **Boeing**, USA
- **German Armed Forces**, Germany
- **NASA**, USA
- **Lockheed Martin**, USA
- **Lufthansa**, Germany
- **German Aerospace Center (DLR)**, Germany
- **Eurocontrol**, Belgium
- **EADS**, Germany
- **Drug Enforcement Administration (DEA)**, USA
- **Federal Bureau of Investigation (FBI)**, USA
- **Federal Criminal Police Office (BKA)**, Germany
- **Federal Police**, Germany
- **Ministry of Defence**, Netherlands

Research/Development, Science and Universities

- **MIT - Physics Department**, USA
- **California State University**, USA
- **Indonesian Institute of Science (LIPI)**, Indonesia
- **Los Alamos National Laboratory (LANL)**, USA
- **University of Bahrain**, Bahrain
- **University of Florida**, USA
- **University of Victoria**, Canada
- **University of Newcastle**, United Kingdom
- **University of Durham**, United Kingdom
- **University Strasbourg**, France
- **University of Sydney**, Australia
- **University of Athen**, Greece
- **University of Munich**, Germany
- **Technical University of Hamburg**, Germany
- **Max-Planck Inst. for Radio Astronomy**, Germany
- **Max-Planck Inst. for Nuclear Physics**, Germany
- **Research Centre Karlsruhe**, Germany

Industry

- **IBM**, Switzerland
- **Intel**, Germany
- **Shell Oil Company**, USA
- **ATI**, USA
- **Microsoft**, USA
- **Motorola**, Brazil
- **Audi**, Germany
- **BMW**, Germany
- **Daimler**, Germany
- **Volkswagen**, Germany
- **BASF**, Germany
- **Siemens AG**, Germany
- **Rohde & Schwarz**, Germany
- **Infineon**, Austria
- **Philips**, Germany
- **ThyssenKrupp**, Germany
- **EnBW (Energie Baden-Württemberg)**, Germany
- **CNN**, USA
- **Duracell**, USA
- **German Telekom**, Germany
- **Bank of Canada**, Canada
- **NBC News**, USA
- **Sony**, Germany
- **Anritsu**, Germany
- **Hewlett-Packard**, Germany
- **Bosch**, Germany
- **Mercedes-Benz**, Austria
- **Osram**, Germany
- **DEKRA**, Germany
- **AMD**, Germany
- **Keysight**, China
- **Infineon Technologies**, Germany
- **Philips Semiconductors**, Germany
- **Hyundai Europe**, Germany
- **VIAVI**, Korea
- **Wilkinson Sword**, Germany
- **IBM Deutschland**, Germany
- **Nokia-Siemens Networks**, Germany


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