

## SENSOR FOIL



### • Application

Sensor foil or magnetic viewing film is used to visualize poles and regions of polarity reversal of permanent magnets. Even pole geometries of irregularly shaped bodies can be illustrated using the foil.

Domains of high flux density appear as dark areas whereas regions of evanescent flux density appear light green.

The effect is based on colloidal nickel in a suspension applied on a synthetic film. In a magnetic field the particles agglomerate along the flux lines.

Because of the low thickness (150  $\mu\text{m}$ ) and the flexibility of the film even complex pole geometries can be visualized. Additionally the film can be arbitrarily cut without losing its characteristic sensory properties.

#### Available Dimensions:

Length: individual pre-cuts up to 6000 mm  
Width: individual pre-cuts up to 450 mm  
Thickness: 0.15 mm

Color: Green

Due to continuous product improvements, specifications are subject to change without notice.

---

#### MAGNET-PHYSIK Dr. Steingroever GmbH

Emil-Hoffmann-Straße 3, 50996 Köln, Germany  
Phone: +49 2236 3919-0 • Fax: +49 2236 3919-19  
[info@magnet-physik.de](mailto:info@magnet-physik.de)  
[www.magnet-physik.de](http://www.magnet-physik.de)

#### MAGNET-PHYSICS Inc.

6330 East 75th Street, Suite 224, Indianapolis, IN 46250, USA  
Phone: +1 317 577 8700 • Fax: +1 317 578 2510  
[info@magnet-physics.com](mailto:info@magnet-physics.com)  
[www.magnet-physics.com](http://www.magnet-physics.com)