

# Datasheet

## Magnetic Foil 0.85

Magnetic PVC film with a thickness of 0.85 mm

### Logistics

<i>Roll length</i>	15 m	
<i>Roll width</i>	101 cm	
<i>Packaging</i>	cardboard box	50 KG
<i>Palet</i>	12 rolls	606 KG

### Magnetic and material specific characteristics

<i>Maximum energy product (BH)max</i>	4,7 kJ/m <sup>3</sup>
<i>Rémanence - Br</i>	164 mt
<i>Coercitive field strength flux density (HcB)</i>	103 kA/m
<i>Coercitive field strength polarisation(HcJ)</i>	107 kA/m
<i>Temperature of application</i>	- 40° to +60° C
<i>Density</i>	3,7 g/m <sup>3</sup>

### Magnetizing

<i>Kind of magnetizing</i>	Multi-poles magnetization on one side
<i>Pole width</i>	2 mm
<i>Adhesion force</i>	0,40 (+30%/-10%) N/cm <sup>2</sup>

### Coating

<i>Magnetic side coating</i>	Lacquer coat
<i>Printable side coating</i>	White PVC
<i>Minimum bending radius</i>	4 mm

### Chemical compound

<i>SrO●6Fe2O3</i>	89% - Other supplements
<i>Polyethylene</i>	8,30% - Additive
<i>DINP</i>	0,67%

### Norms and regulations

<i>European Norm for toys EN 71-3</i>	EU Regulation 2005/84/EG
<i>EU Regulation 2000/53/EG</i>	Regulation (EG) No. 1907/2006 (REACH)
<i>EU Regulation 2002/95/EG</i>	
<i>Others</i>	According to the European norm for Waste 060401, this magnetic foil comes within the limits of Metalloxid with plastic inclusion and corresponds to the local regulations for waste.

### Printability

Eco-Solvent, solvent and UV-curable inks.