

PRODUCT SPECIFICATIONS NATURAL ROLLS

Articlenumber	Description/Dimensions
705.002/031	0.40mm x 615mm x 30 mtr.
705.004/031	0.40mm x 1000mm x 20 mtr.
705.006/031	0.50mm x 615mm x 15 mtr.
705.008/031	0.50mm x 615mm x 30 mtr.
705.010/031	0.50mm x 1000mm x 20 mtr.
705.021/031	0.50mm x 615mm x 10 mtr.
705.023/031	0.75mm x 615mm x 30 mtr.
705.027/031	0.80mm x 1000mm x 10 mtr.
705.038/031	1.00mm x 615mm x 15 mtr.
705.039/031	1.00mm x 1000mm x 10 mtr.
705.052/031	1.50mm x 615mm x 15 mtr.
705.053/031	1.50mm x 667mm x 1 mtr.
705.055/031	2.00mm x 1000mm x 2 mtr.

THICKNESS

Standard Thicknesses: 0.4mm, 0.5mm, 0.75mm (+/- 0.03mm) and 2.0 (+/0.08mm)
 Standard Widths: 615mm (+3mm/-0) and 1000mm (+3mm/-0)
 Standard Lengths: 10m, 15m, 20m and 30m

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe
 Remanence: 1600-1900 G
 Coercivity: 1200-1500 Oe
 Intrinsic Coercivity: 2200-2500 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Thickness of Magnetic Material	Magnetic Pole	Magnetic Pull (g/cm ²)
0.40mm	2.0mm	12
0.50mm	2.0mm	29
0.75mm	2.0mm	45
1.00mm	2.0mm	46
1.50mm	2.0mm	53
2.00mm	2.5mm	59

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking
 Specific Gravity: 3.7 to 3.8 g/cm³
 Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C
 Short term resistance: 70°C

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

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PRODUCT SPECIFICATIONS WHITE ROLLS

Articelenumber	Description/Dimensions
705.108/000	0.50mm x 615mm x 30 mtr.
705.110/000	0.50mm x 1000mm x 20 mtr.
705.114/000	0.60mm x 615mm x 30 mtr.
705.116/000	0.60mm x 1000mm x 20 mtr.
705.129/000	0.85mm x 615mm x 30 mtr.
705.133/000	0.85mm x 1000mm x 10 mtr.
705.141/000	1.10mm x 615mm x 15 mtr.
705.142/000	1.10mm x 1000mm x 10 mtr.

THICKNESS

Standard Thicknesses: 0.5mm, 0.6mm, 0.85mm ($\pm 0.03\text{mm}$), 1.1mm, 1.6mm and 2.1mm

* Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PVC film.

Standard Widths: 615mm (+3mm/-0) and 1000mm (+3mm/-0)

Standard Lengths: 10m, 15m, 20m and 30m

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Thickness of Magnetic Material	Magnetic Pole	Magnetic Pull (g/cm ²)
0.50mm	2.0mm	20
0.60mm	2.0mm	29
0.85mm	2.0mm	45
1.10mm	2.0mm	46
1.60mm	2.0mm	53
2.10mm	2.5mm	59

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking.

Specific Gravity: 3.7 to 3.8 g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease.

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C

Short term resistance: 70°C

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

PVC FILM

Outdoor Applications: BM understands that this PVC film can be used for outdoor applications but BM gives no guarantee to its durability. Exposure to severe humidity, ultra -violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.

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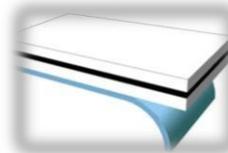
PRODUCT SPECIFICATIONS SELFADHESIVE ROLLS

Articlenumber	Description/Dimensions
705.008/030	0.50mm x 615mm x 30 mtr.
705.023/030	0.75mm x 615mm x 30 mtr.

FASON306A

CONSTRUCTION:

- Adhesive: Permanent synthetic rubber adhesive.
- Carrier: 15 micron polypropylene film
- Liner: Blue-green glassine



FEATURES:

- High tack adhesive.
- Broad range of service temperature.
- Specially designed adhesive.
- Strong yet conformable plastic liner.
- Easy release liner.

BENEFITS:

- The good wetting and shear laminating adhesive provides a perfect initial adhesion to various smoothing and polishing materials.
- Suitable where final application involves both low and high temperature environments.
- Excellent adhesion to a variety of metals, rigid and foamed plastics.
- Provides excellent dimensional stability.
- Reinforcement of flexible substrates.
- Facilitates easy removal at point of application.

PHYSICAL PROPERTIES	TYPICAL VALUES	
THICKNESS		
Adhesive + Carrier	85 microns	
Liner	85 microns	
Total	170 microns	
ELONGATION	70,0%	
TENSILE STRENGTH	1,5 kN/m	
TACK (finat)	1200 N/m	
ADHESION (180° PEEL) N/M	20 MIN	24 HRS.
Stainless Steel	920	970
Polycarbonate	800	900
Painted Steel	760	820
Rigid Polypropylene	520	660
SHEAR RESISTANCE		
static – 1000g/25mm x 25mm	666 min	

TEMPERATURES:

- Application (minimum) +10 °C
- Service (continuous) -40 °C to +100 °C
- Short term +130 °C

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PRODUCT SPECIFICATIONS MAGGRAPH RETAIL WHITE ROLLS

Articlenumber	Description/Dimensions
705.160/000	0.30mm x 1200mm x 20 mtr.
704.160/000	0.30mm x 1000mm x 20 mtr. white on magnetic side
705.102/000	0.50mm x 1200mm x 20 mtr.

THICKNESS

Standard Thicknesses: 0.3mm and 0.5mm

* Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PVC film.

Standard Widths: 1000mm (+3mm/-0) and 1200mm (+3mm/-0)

Standard Lengths: 20m

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

PRODUCT NAME: RIGID PVC FILM (MATTE WHITE)

Properties	Unit	Values	Test Methods
Thickness tolerance	mm	0.1 ± 10%	DIN 5370 (95% of all measurements)
Density	g/cm ³	1.34 ± 0.01	DIN 53479
Tensile strength	N/mm ²	>42	DIN EN ISO 527-1-3
Vicat softening point	°C	74 ± 2	DIN EN ISO 306 procedure VST/B50 as pressed sheet
MD expansion due to heat	%	max. -12	In accordance to Din 5337 (140 °C / 10 min)
Surface tension	mN/m	≥36	In accordance to DIN 53364 measured with inks (pens)

PROCESSING ADVICE:

To avoid static, the film should be processed at room temperature of 20 to 23°C and a relative humidity between 50 -60%.

STORAGE CONDITION:

We recommend storing in original packaging at room temperature below 30°C not directly exposed to sun light and humidity.

After transport and storage in cold temperature, acclimatization of 1 hour per cm reel diameter or stacking height is necessary.

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking.

Specific Gravity: 3.7 to 3.8 g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease.

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C

Short term resistance: 70°C

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

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PRODUCT SPECIFICATIONS MAGGRAPH INKJET WHITE ROLLS/SHEETS

Articelenumber	Description/Dimensions
.25 0210*00297/000	0.25mm x 210mm x 297mm A4 Matt
.25 0210*00297/000/34	0.25mm x 210mm x 297mm A4 Gloss
.25 0297*00420/000	0.25mm x 297mm x 420mm A3 Matt
.25 0297*00420/000/34	0.25mm x 297mm x 420mm A3 Gloss
.25 0420*30000/000	0.25mm x 420mm x 30mtr. Matt
.25 0420*30000/000/34	0.25mm x 420mm x 30mtr. Gloss

Standard Thicknesses: 0.25mm

Standard Size: A4 (210 mmx297mm), A3 (297 mm x 420)

PRODUCT DESCRIPTION

1. White paper (Everyday Basic Glossy and Matte inkjet photo paper)
2. White paper (Everyday Plus Glossy and Matte inkjet photo paper)
3. White paper (Premium Basic Glossy and Matte inkjet photo paper)

* Unused papers should be sealed after use and stored to avoid high humidity and high temperature, please keep away from children.

* To set the printing of inkjet paper according to the type of the inkjet paper. Different printer will have different setting of the inkjet paper.

* The setting of printer color control will affect the print quality. please choose the correct setting on your printer driver or other software that you used.

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking

Specific Gravity: 3.7 to 3.8 g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C

Short term resistance: 70°C

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

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PRODUCT SPECIFICATIONS ANISOTROPIC NATURAL ROLLS

Articlenumber	Description/Dimensions
708.007/131	0.50mm x 615mm x 20 mtr.
708.023/131	0.75mm x 615mm x 20 mtr.
708.038/131	1.00mm x 615mm x 15 mtr.
708.052/131	1.50mm x 615mm x 10 mtr.

RAW MATERIALS: Strontium Ferrites, Chlorinated Polyethylene and Plasticizers¹

Standard Thicknesses: 0.5mm, 0.75mm, 1.0mm, 1.5mm and 2.0mm

Standard Lengths: 10m, 15m, 20m and 30m

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Thickness of Magnetic Material	Width	Magnetic Pole	Magnetic Pull (g/cm ²)
0.50mm (+/- 0.03mm)	615mm	2.0mm	38
0.75mm (+/- 0.05mm)	615mm	2.0mm	70
1.00mm (+/- 0.05mm)	615mm	2.0mm	88
1.50mm (+0.08mm / - 0.10mm)	615mm	2.0mm	90
1.50mm (+0.08mm / - 0.10mm)	1000mm	2.0mm	90
2.00mm (+0.10mm / - 0.15mm)	615mm	2.5mm	110
2.00mm (+0.10mm / - 0.15mm)	1000mm	2.5mm	100

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking

Specific Gravity: 3.6 to 3.7g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease

TEMPERATURE RESISTANCE

End-use temperature range: - 30°C / + 55°C

Short term resistance: 65°C

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

Notes:

1. Plasticizer Content meets EU standards. BM708 may be incompatible with certain adhesives due to the presence of plasticizers.

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PRODUCT SPECIFICATIONS IRON PAPER ROLLS / SHEETS

Articlenumber	Description/Dimensions
200.071	0.70mm x 800mm x 1.1mtr.
200.076	0.22mm x 800mm x 100mtr.
200.077	0.22mm x 800mm x 1.1mtr.

PRODUCT DESCRIPTION:

Iron Cardboard 0.22mm Thickness

Standard Thickness: 0.22mm +/- 0.01mm
Standard Width: 800 Mm
Standard Length: 1100mm

Iron Cardboard 0.7mm Thickness

Standard Thickness: 0.61mm +/- 0.02mm
Standard Width: 800 Mm
Standard Length: 1100mm

PROPERTIES

Thickness of Iron: 25 micron
Weight of paper (approx.): 79.1 gr/M2
Type of paper: Coated paper
Paper Lamination:
Above paper is laminated on both sides of iron foil
Polyethylene used as adhesive for lamination:
30 micron thick for one lamination
Total thickness : 0.22mm +/- 0.02

Thickness of Iron: 25 micron
Weight of paper (approx.): 230 gr/M2
Type of paper: Cardboard
Paper Lamination
Above paper is laminated on both sides of iron foil
Polyethylene used as adhesive for lamination:
30 micron thick for one lamination
Total thickness : 0.61mm +/- 0.02

SPECIFIC GRAVITY

Iron foil :7.81
LPDE: 0.92 – 0.93
Coated Paper: 0.83 – 0.86
Card board: 0.89 – 0.9

Iron foil :7.81
Iron foil :7.81
Coated Paper: 0.83 – 0.86
Card board: 0.89 – 0.9

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PRODUCT SPECIFICATIONS IRON VINYL ROLLS

Articlenumber	Description/Dimensions
705.401/031	0.65mm x 610mm x 30mtr.
705.405/031	0.40mm x 1000mm x 30mtr.
705.460/000	0.30mm x 1200mm X 20mtr.

IRON FOIL

Electrolytic Iron Foil is laminated with paper on both sides. Electrolytic Iron Foil is made with the following process.

Iron ion is deposited on a rotating drum out of electrolyte in which good quality low-carbon steel is dissolved and the deposited iron is removed from the drum and the surface of iron foil is plated with zinc and then coated with chromic acid by dipping. On account of chromic acid, chrome content could exceed the limit of elution test with 0.25% Hcl specified in the European and American standard (EN '71 part 3-10 & ASTM F963-91)

EUROPEAN STANDARD WITH REGARD TO STEEL PAPER

Steel paper which is iron foil laminated with paper on both sides with polyethylene as an adhesive conforms to the European Standard (EN 71 Part 3-10) for heavy metals with the Elution Test with 0.25% Hcl. Meanwhile the test of Steel Paper with ASTM has not been conducted

STORAGE STABILITY AND HANDLING

Special precautions for handling:

Cares should be taken to avoid direct contact with the sharp edges.
Corners of Steel Paper should be rounded with Radius.

Special precautions for transport and storage: Avoid high temperature, humidity and wetting.

Hazardous decomposition product: Sections of edges of iron foil might get rusty by absorption of excessive moisture
Waste disposal: Burn and bury

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MATERIALE:
Folii autodezive
Benzi dublu adezive si adezivi
Folii si benzi magnetice
Folii si hartii transfer
Folii termotransfer textile
Media flexibila
Hartii autoadezive

ECHIPAMENTE:
Cutting Plottere
Printere Large Format
Gravoare Laser
Gravoare mecanice
Laminatoare

ACCESORII:
Raclete
Cutite OLFA
Solutii pentru indepartat adezivul

CONSUMABILE:
Cerneala real solvent
Consumabile Ech. Laser
Capete SEIKO
Cutite plotter



BUCURESTI:
Tel./Fax: 021-423.44.33/423.44.11
Mobil: 0744.668.746; 0722.255.746
e-mail: com_buc@pin.ro

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