

Supermagnet



What is Supermagnet?

Supermagnet is a new generation of printable magnets based on high-tech scientific developments in the magnetic industry.

These printable magnets are thinner & lighter, but have a stronger pull force and holding power that adhere easily to iron and ferrous surfaces.

A new product line that offers many product and operational cost-saving advantages compared to traditional magnets.

Supermagnet is available in the thickness of 0,3mm, 0,4mm and 0,6mm.

**Thinner.
Lighter.
Stronger.**

Product line

Available width x length

Supermagnet Super350
Thickness / Weight / Magnetic force
350 μ / 590 g/m² / 20-24 g/cm²

1000mm x 30 meter
1270mm x 30 meter

Supermagnet Super400
Thickness / Weight / Magnetic force
400 μ / 930 g/m² / 25-30 g/cm²

1000mm x 30 meter
1270mm x 30 meter

Supermagnet Super600
Thickness / Weight / Magnetic force
600 μ / 1710 g/m² / 55-64 g/cm²

1000mm x 20 meter
1270mm x 20 meter

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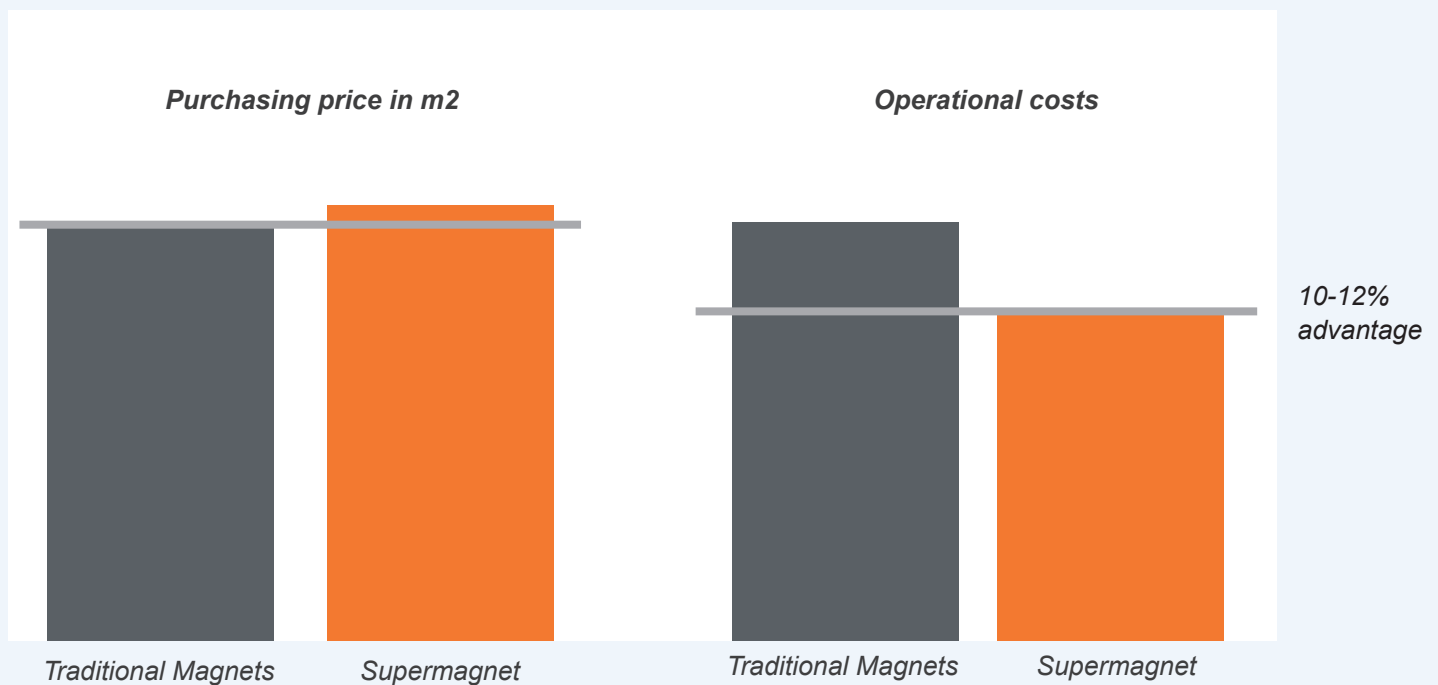
Product Advantages

- Thinner and lighter, but a stronger holding power/pull force
- Better roll flatness
- Better print compatibility with Eco-Solvent, Latex and UV inks
- Thinner material allows smooth printer feeding and easier cutting
- Easier to mount on curved surfaces
- Higher resistance to demagnetization
- Longer shelf-life
- VOC-free A+



Cost-Saving Advantages

- A lighter product, saving transport costs along the complete supply chain
- Longer roll options resulting in higher printer up-time
- More square meters on a roll and pallet
- Less unboxing and handling by print operators - saving working hours
- Less storage needed, less capital binding
- Less waste in the complete cycle (production, printing, converting, recycling)
- Lower carbon footprint in the complete cycle



*Calculation of operational costs is based upon a full pallet of Traditional Magnets vs. Supermagnet

Traditional Magnets vs. Supermagnet

Comparison of holding power/pull force in g/cm²

Magnetic PVC Film 350 **6-8 g/cm²**

Magnetic PVC Film 500	18-21 g/cm ²	vs.	Supermagnet Super350	20-24 g/cm ²
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Magnetic PVC Film 600	21-28 g/cm ²	vs.	Supermagnet Super400	25-30 g/cm ²
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Magnetic PVC Film 850	38-46 g/cm ²	vs.	Supermagnet Super600	55-64 g/cm ²
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Supermagnet is thinner and lighter, but much stronger

Comparison of weight in g/m²

Magnetic PVC Film 350 860 g/m²

Magnetic PVC Film 500	1490 g/m ²	vs.	Supermagnet Super350	590 g/m ²
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Magnetic PVC Film 600	1930 g/m ²	vs.	Supermagnet Super400	930 g/m ²
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Magnetic PVC Film 850	2800 g/m ²	vs.	Supermagnet Super600	1710 g/m ²
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Supermagnet is lighter, offering many product and cost-saving advantages, i.e. lower transport costs

Comparison of print compatibility

Magnetic PVC Film 350 ES/UV/LX

Magnetic PVC Film 500	ES/UV/LX	vs.	Supermagnet Super350	ES/UV/LX
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Magnetic PVC Film 600	ES/UV/LX	vs.	Supermagnet Super400	ES/UV/LX
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Magnetic PVC Film 850	UV only	vs.	Supermagnet Super600*	ES/UV/LX
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Supermagnet is compatible with multiple printer platforms allowing easy feeding and cutting

Supermagnet Super600 can be applied on vehicles, opening up new applications for Latex and Eco-Solvent printers



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