

# PRODUCT DATA SHEET

## Green Power Magnet

**Isotropic halogen free, PVC free, VOC free and Phthalate free magnetic material**

### Sizes:

1. PVC Free magnet / 30Mx1020mmx0.2mm (Total thickness0.3mm) /1.5mm Pole pitch/ Eco-solvent PET/Green UV
2. PVC Free magnet / 20Mx1270mmx0.2mm (Total thickness0.3mm) /1.5mm Pole pitch/ Eco-solvent PET/Green UV
3. PVC Free magnet / 20Mx1020mmx0.4mm (Total thickness0.5mm) /1.5mm Pole pitch/ Eco-solvent PET/Green UV
4. PVC Free magnet / 20Mx1270mmx0.4mm (Total thickness0.5mm) /1.5mm Pole pitch/ Eco-solvent PET/Green UV
5. PVC Free magnet / 30Mx620mmx0.4mm (Total thickness0.5mm) /1.5mm Pole pitch/Eco-solvent PET/Green UV

### Dimensions & Tolerance

Item	Length in ( m )		Width in ( mm )			Thickness (mm)		Thickness of PET (mm)
	20	30	1020	1270	620	0.3	0.5	
Tolerance	0/+0.6		-1/+5	-1/+5	-1/+3	±0.03	±0.05	±0.01

### Magnetic properties

Code	Br( Gs)	Hcb (Oe)	Hcj(Oe)	(BH)max (MGOe)
PVC free Magnetic material	≥2200	≥2000	≥2400	1.21~1.34

[Typ hier]

### **Pull Strength**

Code	Thickness (mm)	Pole pitch (mm)	Pull (g/cm <sup>2</sup> )
PVC Free Magnet	0.3	1.5	23
PVC Free Magnet	0.5	1.5	55

### **Storage**

In the surrounding temperature -20°C to + 70°C within the scope of the normal work

Storage Conditions: 25°C and 50% Humidity

**Shelf Life:** 12 months under original packaging condition

The magnetic force is permanent and will not degrade in normal temperature without strong magnetic interference.