

SPECIFICATION SHEET

SUPER-MAG

Edition: A0 NO: NMEQS-013

SPECIFICATION DATA:

TYPE	PART NO.	THICKNESS / TOLERANCE (MM/INCH)	WEIGHT	MAGNETIC PULL STRENGTH	STANDARD SIZE
Super-Mag with Latex PVC	SM-LC40 (SM-LC016)	0.40mm/.016" (+/-0.04mm / 0.0016")	1320gsm	[42, 50]g/cm2	50F/100Fx24.375" 50Fx40" 50Fx50" 50Fx60"
	SM-LC50 (SM-LC020)	0.50mm/.020" (+/-0.05mm / 0.002")	1710gsm	[56, 66]g/cm2	
	SM-LC60 (SM-LC024)	0.60mm/.024" (+/-0.06mm / 0.0024")	2100gsm	[65, 78]g/cm2	
	SM-LC86 (SM-LC034)	0.86mm/.034" (+/-0.09mm / 0.0034")	3110gsm	[88, 105]g/cm2	
Super-Mag with Adhesive	SM-DSA40 (SM-DSA016)	mag layer: 0.4mm/.0158" (+/-0.04mm / 0.0016")	1760gsm	[56, 66]g/cm2	50F/100Fx24.375" 50Fx40" 50Fx48"
	SM-DSA50 (SM-DSA020)	mag layer: 0.5mm/.020" (+/-0.05mm / 0.002")	2150gsm	[65, 78]g/cm2	
	SM-DSA76 (SM-DSA030)	mag layer: 0.76mm/.030" (+/-0.08mm / 0.003")	3160gsm	[88, 105]g/cm2	

PRINTING INDEX For Super-Mag with Latex PVC:

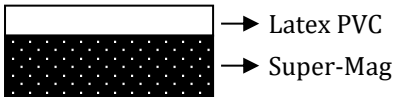
○ compatible	(ECO) SOLVENT	UV CURABLE Soft UV ink	LATEX	DYE/PIGMENT	OFFSET/FLEXO	SCREEN PRINT	TONER BASED
Δ testing required	○	○	○	×	○	○	Δ
× not compatible							

FEATURES AND ADVANTAGES:

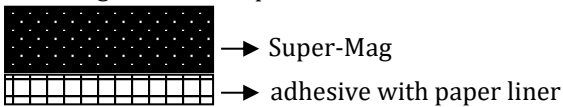
- Super-mag is the world's strongest ferrite flexible magnets, 30% lighter but stronger than traditional anisotropic rubber magnets.
- Higher resistance to demagnetization.

CONSTRUCTION DRAWING:

Mounting Printing Substrate:



Mounting Adhesive Tape:



PHYSICAL DATA:

Flexibility	Coiled to a 1/4" (6.35mm) radius without cracking.
Opacity	100%
Water resistance	middle, indoor use recommend

ADHESION DATA For Super-Mag with Adhesive:

Thickness: 0.008"

GB/T2792-1998 - 180 degree, adhesion to stainless steel

N/25mm

- 30 minutes RT

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PROCESS AND STORAGE:

- Working condition: temperature 15°C/59°F to 30°C/86°F, and relative humidity 30% to 60%.
- Application condition: temperature change is within 40°C/104°F daily.
- Storage condition: closed preserve avoiding sunlight, in temperature 10°C/50°F to 35°C/95°F, relative humidity 20% to 70%
- Shelf life: 12 months under storage condition. Unfinished material should be seal-packed.