



ecki b. Hong Kong Ltd. forms part of an international group of companies, which itself is headquartered in Germany for more than 55 years, primarily dealing with the manufacture and trading of customization, as well as standard, permanent magnetic products and solutions.

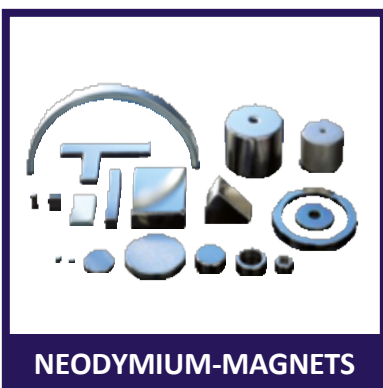
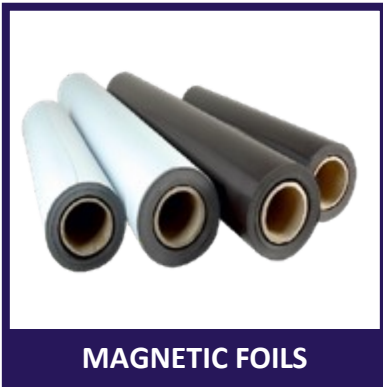
Since its inception in 2011 in Hong Kong, **ecki b.** has established itself as the key hub and source for the group procurement and trade in Asia of the entire range of permanent magnets in general. It is now serving markets out of Hong Kong in Europe, Asia and North America.

The growing range of applications for its products and subsequent strong growth in the recent years amid a growing customer base resulted in the strategic decision of the company to expand its capacity and activities by opening up offices in Singapore in 2022.

The Singapore hub strategically enhances the groups marketing capabilities within and directly out of Asia, focusing on the permanent magnetic needs and challenges of existing and potential customers, while being supported by the group network with its R&D facilities, production capacities including rapid prototyping , long-established Quality Management Systems and technical experience.

Providing for a "Customer First"-philosophy from the very first contact with the client, **ecki b.** ensures that decade long experience paired with a persistent quality approach and competitive pricing, all at the same time, is key for a loyal and growing customer base nowadays and in the future...

It all starts with YOU and your permanent magnetic needs and challenge. Contact us and let us start working on the best solution for YOU!



Looking for Business Partners!

Join the team of **ecki b.** as a valued **Distributor and/or Reseller** of our broad range of permanent magnetic products and become part of a leading and pioneering group of international companies, successfully operating in the market for permanent magnetic solutions for more than half a century!

If you are a professional distributor/reseller/online store in markets such as Automotive, Oil & Gas, Steel, OEM, Industrial, Electronic, Printing, Advertising and want to grow your business by **enhancing your product portfolio**, we'd like to know more about you and your business.

By partnering with us, we provide you with a professional support right from the start, thus putting you in a position to boosting your sales and profits, likewise.

Don't hesitate to contact us!

MAGNETIC FOILS

All our magnetic foils are permanent magnetic flexible foils, which are available in different widths, material thicknesses and magnetic pulling forces with different coatings. Our magnetic foils are produced in isotropic, semi-anisotropic and anisotropic quality, differing in their respective magnetic properties.

Standard Grade 518 - plain brown, with high magnetic pull force

Item no.	Width [mm]	Material-thickness [mm]	Length [m]	Non-magnetized side	Magnetic pull force [N/cm ²]
03280	615	0.40	15	uncoated	0.20
03288	1000	0.40	15	uncoated	0.20
03282	615	0.50	15	uncoated	0.25
03281	1000	0.50	15	uncoated	0.25
03269	1000	0.50	15	self-adhesive	0.25
03284	615	0.75	15	uncoated	0.40
03296	615	0.75	30	uncoated	0.40
03295	1000	0.75	15	uncoated	0.40
03297	615	1.00	30	uncoated	0.50
03286	1000	1.00	10	uncoated	0.50
03287	615	1.50	15	uncoated	0.55
03277	1000	1.50	10	uncoated	0.55
03180	600	2.00	1	uncoated	0.65
03189	600	3.00	1	uncoated	0.70



Standard Grade 5014 - PVC/PET/PP/Paper-white coated, printable, with standard magnetic pull force

Item no.	Width [mm]	Material-thickness [mm]	Length [m]	Non-magnetic side	Magnetic pull force [N/cm ²] *
03507	210	0.30	0.297	paper / white	0.12
03508	420	0.30	0.297	paper / white	0.12
03664	615	0.33	50	PVC II white / matt	0.06
03614	1270	0.30	30	PET / white	0.05
03612	615	0.40	15	PVC-white / gloss	0.15
03602	615	0.50	15	PVC-white / matt	0.20
03611	1000	0.50	15	PVC-white / matt	0.20
03665	1020	0.50	15	PVC-white II / matt	0.15
03618	1200	0.50	20	PVC-white / matt	0.20
03603	615	0.60	15	PVC-white / matt	0.25
03613	615	0.60	30	PVC-white / matt	0.25
03608	1010	0.60	15	PVC-white / matt	0.25
03601	1010	0.85	10	PVC-white / matt	0.40
03609	1010	0.85	15	PVC-white / matt	0.40
03604	615	0.85	15	PVC-white / matt	0.40
03607	615	0.85	30	PVC-white / matt	0.40
03610	615	0.85	15	PVC-white / gloss	0.40
03605	615	1.10	15	PVC-white / matt	0.50



The magnetic foils in **Grade 5014** with white surface are excellent for printing or lettering. As per customer's needs, all magnetic foils can be precisely cut or punched with tight tolerances and, if required, provided with a self-adhesive coating.

High Energy Grade 928 - plain brown, with higher magnetic pull force

Item no.	Width [mm]	Material-thickness [mm]	Length [m]	Non-magnetic side	Magnetic pull force [N/cm ²] *
03483	600	0.50	1.0	uncoated	0.40
03484	600	0.75	1.0	uncoated	0.65
03485	600	1.00	1.0	uncoated	0.85
03385	1000	1.00	10.0	uncoated	0.85
03487	600	1.50	1.0	uncoated	0.95
03488	600	2.00	1.0	uncoated	1.10



Anisotropic magnetic foils in **Grade 928** are perfect for all application which asking for a high magnetic pull force. As per customer's needs, all these magnetic foils can be precisely cut or punched with tight tolerances and, if required, provided with a self-adhesive coating.

High-end Grade 5068 - plain dark grey, with the highest magnetic pull force

Item no.	Width [mm]	Material thickness [mm]	Length [m]	Non-magnetic side	Magnetic pull force [N/cm ²]
03410	300	1.00	1	raw brown	3.00
03426	300	2.00	1	raw brown	4.30

Anisotropic **Grade 5068** magnetic foils are based on rare-earth-materials and shows the highest magnetic performance. It will be perfect for applications which ask for a high-end magnetic pull force. As per customer's needs, also all these magnetic foils can be precisely cut or punched with tight tolerances and, if required, provided with a self-adhesive coating.

RECEPTIVE MATERIALS / BASES / SURFACES

Magnets in general perfectly adhere to steel bases or metal sheets. Alternatively, we offer flexible ferro foils, also known as iron foils.

These foils are also available as ferrous sheets. Those foils are based on oxides and are resistant against rust.

Whenever or wherever only a small or narrow adhesive surface is required, metal adhesive tapes are a cost-effective and simple solution.

Receptive surfaces for magnets

Item no.	Designation	Special feature	Dimension [mm]	Roll length [m]
08080	Ferro foil	white PVC coating, printable	(615 x 0.55)	15
08090	Ferro foil	white PVC coating, printable	(1000 x 0.55)	15
08095	Ferro foil	frontside uncoated, back with indoor self-adhesive coating	(1010 x 0.4)	12
08099	Ferro foil	white PET coating, inscribable, dry wipeable, back with self-adhesive coating	(1250 x 0.55)	20
08092	Ferro foil	white PET coating, printable, CANNOT BE USED AS AN ADHESIVE BASE, suitable for magnetic alternate advertising**	(1270 x 0.18)	30
08098	Ferro foil	white PET coating, printable, CANNOT BE USED AS AN ADHESIVE BASE, suitable for magnetic alternate advertising**	(1270 x 0.18)	50
08103	Ferro foil	white PET coating, printable, CANNOT BE USED AS AN ADHESIVE BASE, suitable for magnetic alternate advertising**	(1270 x 0.26)	50
08040	Metal strip	back with PREMIUM-adhesive foam tape, white front	(12 x 0.2)	30
08041	Metal strip	back with thin film adhesive tape, white front	(12 x 0.2)	30
08047	Metal strip	back with PREMIUM-adhesive foam tape, white front	(35 x 0.3)	5
08048	Metal strip	back with adhesive foam tape, white front	(35 x 0.3)	25



MAGNETIC STRIPS / EXTRUSIONS

Our magnetic stripes are available with and without self-adhesive lamination and come in different widths and thicknesses. We also offer extruded magnetic strips as a so-called display system tape. This variant enables applications, where it is easy to work with magnetic tape on magnetic tape with extremely tolerances. These display system tapes are equipped with a standard PREMIUM self-adhesive coating.

Standard Grade 518 - display system tape with standard magnetic pull force

Dimension [mm]	Roll length [m]	Designation	Item no.	Magnetization / Marking	Magnetic pull force [N/cm ²] *
(12.5 x 1.5)	30	PF 424	05385	Magn. A	0.57
(12.5 x 1.5)	30	PF 424	05386	Magn. B / Groove	0.57
(25 x 1.5)	30	PF 424	05387	Magn. A	0.57
(25 x 1.5)	30	PF 424	05329	Magn. B / Groove	0.57
(19 x 1.5)	30	PF 424	05328	one side multipole	0.57



Standard Grade 5014, PVC white coated, with standard magnetic pull force

Dimension [mm]	Item no	Roll length [m]	Magnetic pull force [N/cm ²]
(20 x 0.85)	03530	15	0.40
(30 x 0.85)	03531	15	0.40
(40 x 0.85)	03532	15	0.40
(50 x 0.85)	03533	15	0.40



Standard Grade 518, with high magnetic pull force and High Energy Grade 928, with higher magnetic pull force

Length: 50 m dimension [mm]	Standard Grade 518 item no.	Holding force [N/cm ²]	High Energy Grade 928 item no.	Holding force [N/cm ²]
(7 x 1)	05301	0.58	-	-
(10 x 1)	05302	0.58	05402	0.85
(10 x 1.5)	05308	0.60	05408	0.95
(10 x 2)	05313	0.65	05413	1.10
(15 x 1)	05303	0.58	05403	0.85
(15 x 1.5)	05309	0.60	05409	0.95
(15 x 2)	-	-	05414	1.10
(20 x 1)	05304	0.58	05404	0.85
(20 x 1.5)	05310	0.60	05410	0.95
(20 x 2)	05315	0.65	05415	1.10
(25 x 1)	05325	0.58	05425	0.85
(25 x 1.5)	05326	0.60	05426	0.95
(30 x 2)	-	-	05416	1.10



High-End Grade 5068, with the highest magnetic pull force

Dimension [mm]	Item no.	Roll length [m]	Holding force [N/cm ²]
(10 x 1)	03417	5	3
(20 x 1)	03416	5	3
(10 x 2)	03419	5	4.3
(20 x 2)	03418	5	4.3

Neodymium-iron-boron (NdFeB)

NdFeB is a high-quality magnetic material with the highest holding forces that can be achieved in smallest dimensions. Nickel-plated variants protect the high-quality magnetic material from corrosion. Other coatings such as like epoxy or zinc are also possible for special applications. As standard, we offer various block/bar/segment/disc or ring magnets in various standard dimensions and a wide range of grades. Special or customized shapes and special grades are also available upon request.

Samarium-Cobalt (SmCo)

In contrast to NdFeB magnets, SmCo magnets are highly corrosion resistant without additional protective coatings. The possible operating temperatures are also higher than those of NdFeB magnets. However, the magnetic holding forces are lower than those of NdFeB magnets. SmCo magnets can be manufactured as block/bar/segment or ring magnets and are manufactured according to your specifications.

Aluminium-Nickel-Cobalt (AlNiCo)

We also offer AlNiCo magnets according to your specifications. This magnet material is largely heat and corrosion resistant. A further advantage are the possible high magnetic field strengths, which are suitable for many sensor applications. Finally these magnets are showing the lowest temperature coefficients.


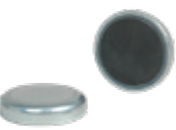

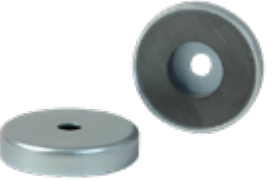



Ferrite magnets

Ferrite magnets have a significantly lower energy density than rare-earth magnets. Due to the inexpensive raw material, very competitive prices can be realised for applications where high holding forces are not required, even for larger quantities. In addition, the ferrite magnets have a very high temperature resistance of 250° C and more. These magnets can be used in rough environments as well.



GRIP MAGNETS / MAGNETIC ASSEMBLIES

Grip magnets are magnets that are embedded in a metal pot and allow various mounting options. The metal pot also increases the magnetic holding force of the magnet. We will briefly introduce the different types. Customized, special types/designs are available upon request. Simply contact us with your ideas!

	<p>Flat grip magnets with</p> <ul style="list-style-type: none"> • strong Ferrite magnets • threaded bushing or bolt • surface galvanized • also available with hooks or eyes on request
	<p>Flat grip magnets</p> <ul style="list-style-type: none"> • strong Ferrite magnets • surface galvanized
	<p>Flat grip magnets</p> <ul style="list-style-type: none"> • internal bore and 90° counterbore • strong Ferrite magnets • surface galvanized
	<p>Flat grip magnets</p> <ul style="list-style-type: none"> • cylinder bore • strong Ferrite magnets • surface galvanized
	<p>Flat grip magnets Neodymium-iron-boron core</p> <ul style="list-style-type: none"> • threaded bushing or bolt • extremely strong adhesion • surface galvanized • max. operating temperature 80° C
	<p>Flat grip magnets with a Neodymium-iron-boron core</p> <ul style="list-style-type: none"> • rubber coated • extremely strong adhesion (horizontal and vertical) • available with and without handle
	<p>Decoration magnets with hook</p> <ul style="list-style-type: none"> • Ferrite or Neodymium magnets • strong adhesion • surface white lacquered (other colors upon request)



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