



MKTech Industry Sdn Bhd

INDUSTRIAL ABRASIVES CATALOGUE | MALAYSIA | 2026

Industrial abrasives. Surface finishing. Practical selection.

Abrasives / Tooling / Filtration / Load securing / Wiping

Malaysia product catalogue and application guide for manufacturing, metal fabrication, maintenance and surface preparation.

TECHNICAL REVIEW EDITION | MK-CAT-2026-09 | REVISED 09 SEP 2026



MKTech Industry Sdn Bhd

WWW.MKTECHINDUSTRY.COM

ABOUT MKTECH

Industrial abrasives and surface finishing in Malaysia

MKTech Industry Sdn Bhd is a Petaling Jaya, Selangor supplier of industrial abrasives, precision tooling, paint-booth filtration, cargo-restraint products and workshop wiping formats for manufacturing, metal fabrication and maintenance applications across Malaysia.

HOW WE SUPPORT SELECTION

Workpiece material • dimensions and bore • machine speed • removal rate • finish target • operating environment

PRODUCT SELECTION GUIDE

Product families for industrial applications

This catalogue covers MKTECH in-house products and selected international product families. Selection begins with the workpiece, process, machine and operating environment, then narrows to the required construction, dimensions, capacity or operating limit. Specifications should be confirmed against current product labels and technical documents before use.

01

CUT

Thin cutting discs and wheels

02

GRIND

Bonded discs for stock removal

03

FINISH

Flap, fibre, flexible and non-woven

04

PRECISION

Burrs, mounted points and polishing

05

FILTRATION

Andreae AF overspray filters

06

INDUSTRIAL

TOHO restraint and Workshop Roll



Cutting, grinding and finishing



Core specifications

PRODUCT	SIZE (MM)	SPEC / GRIT	M/S	RPM	FLAP CODE	SIZE	APPLICATION	GRIT	RPM
Grinding disc	100 x 6 x 16	A24SBF27	80	15,200	527	100 x 16	AO / metal	P60/80/100/120	13,700
Grinding disc	180 x 6 x 22	A24SBF27	80	8,500	727	100 x 16	ZO / stainless	P60/80/120	13,700
Cutting disc	105 x 1.0 x 16	SA60TBF30	80	15,300	627	100 x 16	SC / glass	P80/120	13,700
Cutting disc	100 x 2 x 16	A36SBF30	70	12,000	427	100 x 16	ZO / stainless	P60/80/120	15,300
Cutting wheel	355 x 3.2 x 25.4	A30PBF30	70	3,400	Flexible	100 x 2 x 16	WA80 / AC80	-	13,700
Cutting wheel	405 x 3.5 x 25.4	A30PBF30	70	3,000					



Grinding discs
Bonded abrasive range



Flap discs
Metal, stainless steel and glass applications



Cutting wheels
Handheld and stationary formats



Finishing accessories
Non-woven and flexible products

Heavy-duty cutting and professional finishing



MK HD - cutting and grinding

PRODUCT	SIZE (MM)	SPEC	CODE	M/S	RPM	PRODUCT	SIZE (MM)	SPEC / GRIT	RPM
Cutting	100 x 2.5 x 16	A36TBF30	M	80	15,200	Grinding / brown	100 x 6 x 16	A24QBF	15,300
Cutting	125 x 2.5 x 22	A36TBF30	M	80	12,200	Grinding / brown	180 x 6 x 22	A24QBF	8,500
Cutting	180 x 3 x 22	A30TBF30	M	80	8,500	Grinding / green	100 x 6 x 16	WA24QBF	15,300
Cutting	100 x 2.5 x 16	WA36TBF30	SS	80	15,200	Grinding / green	180 x 6 x 22	WA24QBF	8,500
Cutting	125 x 2.5 x 22	WA36TBF30	SS	80	12,200	Cutting / black	107 x 1.2 x 16	A60QBF	15,300
Cutting	180 x 3 x 22	WA30TBF30	SS	80	8,500	Cutting / green	107 x 1.2 x 16	WA60QBF	15,300
Grinding	100 x 6 x 16	A24SBF27	M	80	15,200	Cutting wheel	355 x 3 x 25.4	A30PBF / WA30PBF	4,300
Grinding	125 x 6 x 22	A24SBF27	M	80	12,200	Cutting wheel	400 x 3.2 x 25.4	A30PBF	3,800
Grinding	180 x 7 x 22	A24SBF27	M	80	8,500	Flexible / brown	100 x 3 x 16	A80SBF	13,700
Grinding	125 x 6 x 22	WA24SBF27	SS	80	12,200	Flexible / green	100 x 3 x 16	ZX80SBF	13,700
Grinding	180 x 7 x 22	WA24SBF27	SS	80	8,500	Flap disc MKT327	100 x 16	P60/80/100/120	13,700

MKTech Professional



INDUSTRIAL ABRASIVE BRANDS

SAIT and I CUT abrasives

SAIT fibre discs support controlled stock removal and sanding. I CUT adds compact cutting and flap-disc formats for general fabrication requirements.

SAIT FIBRE DISCS

SIZE	ABRASIVE / GRIT	M/S	RPM
100 x 16	AO - P24/36/60/80/100/120	80	15,300
180 x 22	AO - P24/36/60/80/100/120	80	8,500

I CUT

PRODUCT	SIZE	SPEC / GRIT	M/S	RPM
Cutting disc	105 x 1.0 x 16	A60TBF30 (M)	80	15,200
Flap disc	100 x 6	A75 - P60/80/120	80	15,300



SAIT FIBRE DISC RANGE



I CUT CUTTING AND FLAP PRODUCTS



PRECISION TOOLING

LUKAS burrs, mounted points and finishing



Selection is defined by the workpiece material, component geometry, stock to remove, tolerance, finish requirement, toolholder and available speed range.

MILLING + ENGRAVING

Tungsten-carbide burrs • HSS burrs • filing discs and rings • solid-carbide and HSS engraving cutters

CBN + DIAMOND

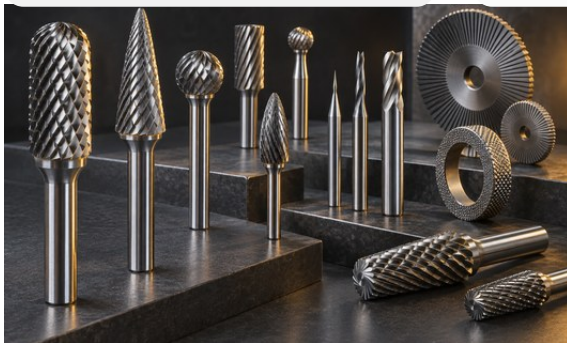
Vitrified-bonded grinding tools • electroplated grinding tools

BONDED FINISHING

Mounted points • grinding tools • polishing tools • felt polishing points

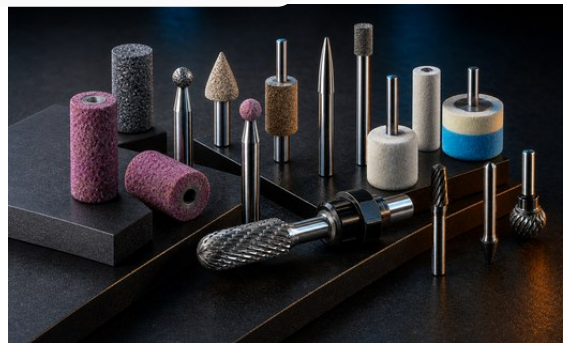
ACCESSORIES

Abrasive and diamond pastes • sprays and thinners • granulate-tipped tools • technical brushes



Milling and engraving

Carbide and HSS burrs; cutters and rings



Mounted points

Bonded abrasive grinding and polishing



Finishing systems

CBN, diamond, felt, compounds and brushes

SURFACE FINISHING

SIA abrasives for hand and machine finishing



Hand finishing

PRODUCT / GRADE	SIZE (MM)	ABRASIVE	GRIT	COLOUR
7991 Medium	98 x 69 x 26	AO	180-230	Orange
7991 Fine	98 x 69 x 26	AO	230-320	Yellow
7991 Super Fine	98 x 69 x 26	AO	320-450	Green
7991 Ultrafine	98 x 69 x 26	AO	400-600	Blue
7983 Medium	120 x 98 x 13	AO	180-230	Orange
7983 Fine	120 x 98 x 13	AO	230-320	Yellow
7983 Super Fine	120 x 98 x 13	AO	320-450	Green
7983 Ultrafine	120 x 98 x 13	AO	400-600	Blue
6120 Siavlies	150 x 230	AO / Very Fine	-	Brown
6712 Siafleece	150 x 230	SC / Medium	-	Black

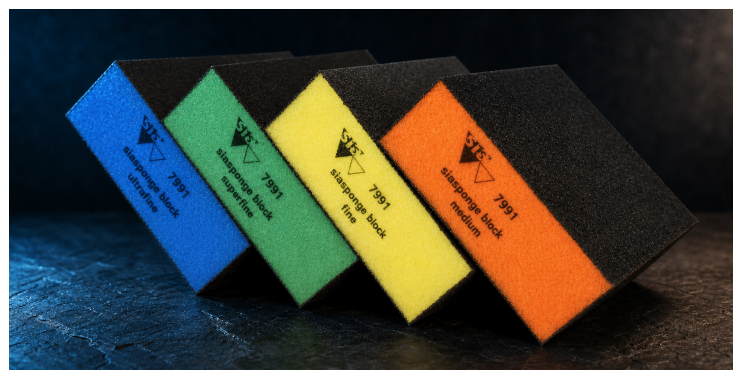
Fibre discs and MK accessories

PRODUCT	SIZE / CODE	GRIT / SOURCE INFO	M/S	RPM
4919 AO fibre	100 x 16	P24/36/60/80/100/120	80	15,300
4919 AO fibre	180 x 22	P24/36/60/80/100/120	80	8,500
4819 ZO fibre	100 x 16	P24/36/60/80/100/120	80	15,300
4819 ZO fibre	180 x 22	P24/36/60/80/100/120	80	8,500
Orbital pad	5 in / 2 in / 3 in	Multiple mountings	-	12,000*
Poly strip	MKT804/805/807	100 / 125 / 180 mm	-	8,000
Workshop roll	25 x 30 cm	400 sheets per roll	-	-

ORBITAL SANDING
12,000 OPM / RPM; verify interface

STRIPPING
MKT804 / 805 / 807 - 8,000/min

WORKSHOP ROLL
25 x 30 cm / 400 sheets per roll



SIA 7991 SIASPONGE BLOCK RANGE

* Product Authority records 12,000 OPM / RPM for the listed orbital pads. Confirm the exact pad label, machine interface and operating limit before use.

CARGO RESTRAINT

Ratchet tie downs and cargo lashing



TH SERIES

TH-80, TH-60 and TH-D ratchet tie-down families are available by configuration. Exact strap, hook, end fitting, length and capacity are confirmed at quotation.

TCL SERIES - 18 CONTROLLED CONFIGURATIONS

WLL and minimum breaking strength are row-specific. Values below are shown as kg / lb.

MODEL	WIDTH MM	WLL KG / LB	MIN. BREAK KG / LB	FIXED END M	LOOSE END M	N.W. KG	SETS / CARTON
TCL 2501	25	150 / 330	450 / 990	0.5	2.5	0.38	90
TCL 2502	25	200 / 440	600 / 1,320	0.5	2.5	0.40	85
TCL 2503	25	250 / 550	800 / 1,650	0.5	2.5	0.42	80
TCL 2504	25	300 / 660	900 / 1,980	0.5	2.5	0.43	75
TCL 2505	25	350 / 770	1,000 / 2,310	0.5	4.0	0.50	60
TCL 3801	38	500 / 1,100	1,500 / 3,300	0.5	4.0	0.80	25
TCL 3802	38	650 / 1,430	2,000 / 4,290	0.5	5.5	1.10	20
TCL 3803	38	800 / 1,750	2,500 / 5,250	0.5	5.5	1.30	20
TCL 5001	50	1,000 / 2,200	3,000 / 6,600	0.5	7.5	2.00	12
TCL 5002	50	1,150 / 2,500	3,500 / 7,500	0.5	7.5	2.20	12
TCL 5003	50	1,350 / 3,000	4,000 / 9,000	0.5	7.5	2.40	12
TCL 5004	50	1,500 / 3,300	4,500 / 9,900	0.5	7.5	2.50	12
TCL 5005	50	1,650 / 3,600	5,000 / 10,800	0.5	7.5	2.60	12
TCL 7501	75	2,250 / 5,000	6,800 / 15,000	0.5	8.5	5.10	3
TCL 7502	75	2,650 / 5,800	8,000 / 17,400	0.5	8.5	6.30	3
TCL 10001	100	2,250 / 5,000	6,800 / 15,000	0.5	9.5	5.80	3
TCL 10002	100	2,650 / 5,800	8,000 / 17,400	0.5	9.5	7.00	3
TCL 10003	100	3,350 / 7,350	10,000 / 22,050	0.5	9.5	8.80	3

CERTIFICATE BOUNDARY

GS certificate S 50621738 0001 (valid 25 Mar 2024-19 Feb 2029) lists only: THRTD-500J, THRTD-1000J, THRTD-1500J, THRT1600-J/U, THRT2000-J/U, THRT2500-J/U and THRT001-05. It does not certify TCL codes by implication. For load restraint only - never for lifting. Catalogue carton: 49 x 30 x 29 cm.

INDUSTRIAL WIPING

MKTECH Workshop Roll

A dedicated MKTECH industrial-wiping format for workshop, maintenance and production environments.

25 x 30 cm

CONFIRMED SHEET SIZE

400

SHEETS PER ROLL

AVAILABLE SPECIFICATION

PRODUCT	SHEET SIZE	PACK QUANTITY
MKTECH Workshop Roll	25 x 30 cm	400 sheets per roll

DETAILS TO CONFIRM BEFORE ORDERING

Material and construction / perforation / absorbency / lint performance / wet and dry strength / chemical compatibility / core and outer packaging / current availability

Only the sheet size and roll count are confirmed in the controlled product-authority record. No unverified material or performance claim has been added.



AUTHORITY PRODUCT IMAGE - MKTECH WORKSHOP ROLL

PAINT-BOOTH FILTRATION

Andreae AF filter range



Pleated-cardboard overspray filters use an inertia-separation airflow path. Paint particles follow tangent trajectories into retention pockets outside the main airstream. Product selection must consider coating, airflow, booth configuration, loading and change criteria.

Manufacturer catalogue performance data

FILTER	CONSTRUCTION	LOAD CAPACITY KG/M2 LACQUER / HIGH SOLIDS / POLYESTER	EFFICIENCY % LACQUER / HIGH SOLIDS / POLYESTER	INITIAL PRESSURE DROP PA 0.5 / 0.75 / 1.0 M/S
Starter	2-layer kraft paper	10 / 12 / 13	93.10 / 98.20 / 97.80	20 / 30 / 40
Original	2-layer kraft + extension limiters	10 / 12 / 13	93.10 / 98.20 / 97.80	20 / 30 / 40
HC Original	Kraft + capacity strips	13.7 / 14.7 / 13.9	93.90 / 98.30 / 98.20	21 / 32 / 42
HE Original	Kraft + polyester backing	9 / 12.2 / 14.7	97.90 / 99.00 / 99.40	21 / 32 / 42
HH Original	Kraft + fiberglass layer	11 / 13 / 15	97.00 / 98.50 / 98.50	20 / 30 / 40
HP Original	Capacity strips + polyester backing	13.7 / 16.2 / 17.3	98.50 / 98.80 / 99.70	21 / 32 / 42

AIR VELOCITY

0.5 to 1.0 m/s

Recommended range shown for all six constructions.

MAX. PRESSURE DROP

128 Pa

Catalogue states operation may be possible up to 256 Pa.

INSTALLATION

8 pleats/ft

Equivalent catalogue guidance: 26 pleats/m; do not over-extend.

Performance values are transcribed from the supplied Andreae/AEREM catalogue and depend on its stated test media and conditions. Confirm the current Andreae data sheet and exact AF code before selection; these are not independent MKTECH test results.



MKTech Industry Sdn Bhd

INDUSTRIAL PRODUCT ENQUIRIES IN MALAYSIA

Request product selection support

- 1 Workpiece material and condition
- 2 Product dimensions and bore
- 3 Machine type and no-load RPM
- 4 Cutting, removal or finish target
- 5 Current product code and issue
- 6 Estimated usage and delivery location

MKTech Industry Sdn Bhd

38, Jalan PJU 1A/10, Taman Perindustrian Jaya

47301 Petaling Jaya, Selangor, Malaysia

Office 03 5626 4639 | WhatsApp 013 886 8248

sales@mktechindustry.com | www.mktechindustry.com

VERIFIED PRODUCT DATA mktech-product-authority.kongkc.chatgpt.site/products

TECHNICAL HANDBOOK handbook.mktechindustry.com

BEFORE USE

Select. Verify. Operate safely.

- Match product dimensions and mounting system to the machine.
- Never exceed the lower marked operating limit.
- Inspect the product and label before use.
- Use the correct guard, flanges and personal protective equipment.
- Follow current labels, declarations and manufacturer instructions.

TECHNICAL REVIEW NOTICE

Published RPM and operating-limit figures are transcribed from the controlled Product Authority records. Confirm the current product label, exact model, machine interface and technical declaration before selection or use.

DOCUMENT MK-CAT-2026-09 | ENGLISH (MALAYSIA) | REVISED 09 SEP 2026