

ABRASIVES



Flints' abrasives are chosen for their quality and value. Ultimately, hand sanding achieves the best results prior to painting or varnishing but it can be very time consuming. A good compromise is to use an orbital sander on the large flat areas and hand sand any rounded and convex parts which would be cut away too quickly with a machine. Watch the video to see the results.



Choosing the grit

600 grit and finer	Used prior to polishing.
400 grit	Used prior to topcoat of varnish or enamel on best brightwork.
320 grit	Used prior to top or second to topcoat.
240 grit	Used to flatten undercoats and early varnish coats
120 grit	Used to prepare raw timber prior to first primer coats of varnish or paint.
80 grit	Used to remove old paint and filler prior to finer sanding.
60 grit and coarser	Used for rapid removal of excess filler and for shaping timber.

Choosing the abrasive type

Waterproof Paper can be used wet on plastics or previously painted or varnished surfaces. The water helps to lubricate the surface and reduces clogging. It also prevents dust. However, it is hard to judge where the paper has fully matted the surface while it is wet and the water will penetrate small screw holes and may take many hours to dry. Waterproof paper can also be used dry.

Typical applications would be for fine finishing of display cabinets, finishing prior to gold leaf or Dutch metal, hand prop finishing, preparation prior to spraying and marine varnishing.

Glass Paper is suitable for the carpentry shop prior to painting and for removal of splinters where a block plane cannot be used. Most conveniently supplied on a roll.

Hook and Loop Abrasives are becoming more and more popular. They are quickly attached to hand blocks which are normally supplied with one medium and one very soft side. The lack of waste and speed of sheet changing plus the ease of storage makes this a good versatile choice for the proshop. All the Mirka sanding sheets listed attach this way.

Emery Cloth has a blue twill cloth backing and is used in engineering shops for cleaning of rust, surface preparation and fine finishing.

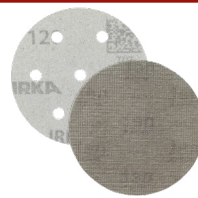
Abrasive Pads are available in four grades from ultrafine for denibbing and keying between paint coats to heavy-duty for removal of corrosion on steel and aluminium. They can be used dry or with water. When used with a hose they will clean and prepare in one quick operation.



Mirka Iridium Triangular Sheets

Festool Compatible Hook and loop fastened sheets. Premium abrasive for universal sanding. Mix of ceramic and aluminium oxide grains on a flexible paper with precision coating that prevents clogging and reduces pilling. Top stuff.

Mirka Iridium Abrasives		code	list	price
size	grit	pack quantity	per pack	
93 mm triangular	P40	50	ABRMT04050	£22.48 £20.29
93 mm triangular	P60	50	ABRMT06050	£20.91 £18.87
93 mm triangular	P80	50	ABRMT08050	£16.55 £14.94
93 mm triangular	P100	50	ABRMT10050	£16.55 £14.94
93 mm triangular	P120	50	ABRMT12050	£16.55 £14.94
93 mm triangular	P150	50	ABRMT15050	£16.55 £14.94
93 mm triangular	P180	50	ABRMT18050	£16.55 £14.94



Mirka Iridium & Abranet Sanding Discs Festool Compatible

We stock 2 types of Festool-compatible discs. The 90 mm Iridium abrasives have a mix of ceramic and aluminium oxide grains on a flexible paper with precision coating that prevents clogging and reduces pilling. The 125 mm and 150 mm feature the Abranet technology, which means the whole sheet is a mesh reducing the need to perfectly orient the sheet onto the tool, and allows for maximum dust extraction. This allows for truly dust-free sanding (when used with a dust extractor). We really rate them. Both have velcro-like attachment.

Granat Abrasives	code	list	price
size	grit	holes	pack quantity
Iridium 7 hole - 90 mm Ø			
90 mm Ø	P40	6+1	50 ABRM9004050
90 mm Ø	P60	6+1	50 ABRM9006050
90 mm Ø	P80	6+1	50 ABRM9008050
90 mm Ø	P120	6+1	50 ABRM9012050
90 mm Ø	P150	6+1	50 ABRM9015050
90 mm Ø	P180	6+1	50 ABRM9018050
90 mm Ø	P240	6+1	50 ABRM9024050
Abranet - 125 mm Ø			
125 mm Ø	P80	mesh	10 ABRM12508010
125 mm Ø	P80	mesh	50 ABRM12508050
125 mm Ø	P100	mesh	50 ABRM12510050
125 mm Ø	P120	mesh	10 ABRM12512010
125 mm Ø	P120	mesh	50 ABRM12512050
125 mm Ø	P180	mesh	10 ABRM12518010
125 mm Ø	P180	mesh	50 ABRM12518050
125 mm Ø	P240	mesh	10 ABRM12524010
125 mm Ø	P240	mesh	50 ABRM12524050
125 mm Ø	P320	mesh	10 ABRM12532010
125 mm Ø	P320	mesh	50 ABRM12532050
125 mm Ø	P400	mesh	50 ABRM12540050
Abranet - 150 mm Ø			
150 mm Ø	P80	mesh	10 ABRM15008010
150 mm Ø	P80	mesh	50 ABRM15008050
150 mm Ø	P100	mesh	50 ABRM15010050
150 mm Ø	P120	mesh	10 ABRM15012010
150 mm Ø	P120	mesh	50 ABRM15012050
150 mm Ø	P180	mesh	10 ABRM15018010
150 mm Ø	P180	mesh	50 ABRM15018050
150 mm Ø	P240	mesh	10 ABRM15024010
150 mm Ø	P240	mesh	50 ABRM15024050
150 mm Ø	P320	mesh	10 ABRM15032010
150 mm Ø	P320	mesh	50 ABRM15032050
150 mm Ø	P400	mesh	50 ABRM15040050

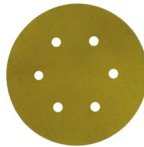
Mirka Abranet Sanding Sheets - Delta [100 x 152 x 152 mm] & Strips [81 x 133 mm] Available online: P80 - P400.



Sia Quick Fit Abrasive Discs [125 mm Ø]

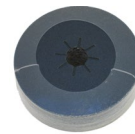
8 holes for dust extraction [DID3]. Velcro-type attachment. Great value.

Abrasive Discs 125 mm Ø	code	price	100+	500+
grit	per disc			
40	ABR640	£0.44	£0.40	£0.35
60	ABR660	£0.44	£0.40	£0.35
80	ABR680	£0.44	£0.40	£0.35
120	ABR6120	£0.57	£0.50	£0.44
180	ABR6180	£0.52	£0.44	£0.40
240	ABR6240	£0.44	£0.40	£0.35
320	ABR6320	£0.44	£0.40	£0.35
400	ABR6400	£0.44	£0.40	£0.35



Sia Quick Fit Abrasive Discs [150 mm Ø]
6 holes [DID2]. Velcro-type attachment. Excellent quality abrasives. Great value.

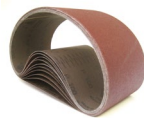
Abrasive Discs 150 mm Ø	code	price	100+	500+
grit				
40	ABR840	£0.59	£0.51	£0.47
60	ABR860	£0.59	£0.51	£0.47
80	ABR880	£0.59	£0.51	£0.47
grit		price	100+	500+
120	ABR8120	£0.75	£0.66	£0.60
180	ABR8180	£0.64	£0.55	£0.50
240	ABR8240	£0.59	£0.51	£0.47
320	ABR8320	£0.59	£0.51	£0.47
400	ABR8400	£0.59	£0.51	£0.47



Sia Fibre-Backed Sanding Discs
Industrial quality discs manufactured from heavy-duty fibre backing coated with aluminium oxide.

Fibre-Backed Sanding Discs	code	price		
Ø		per pack		
grit				
pack quantity				
115 mm	80	25	ABR064B	£23.25
115 mm	60	25	ABR063B	£23.25
115 mm	50	25	ABR062B	£23.25
115 mm	36	25	ABR061B	£23.25
125 mm	80	25	ABR073	£26.25
125 mm	60	25	ABR072	£26.25
125 mm	36	25	ABR071	£26.25
125 mm	24	25	ABR070	£26.25

BELT SANDING



Sia Cloth Sanding Belts [100 x 610 mm]
To suit Makita 9402 and Ryobi belt sanders. Swiss quality at our special prices.

Cloth Belts 100 x 610 mm	code	price	100+
grit			
40	ABR050	£2.56	£2.05
60	ABR052	£2.56	£2.05
80	ABR053	£2.56	£2.05
100	ABR055	£2.56	£2.05
120	ABR054	£2.56	£2.05
150	ABR049	£2.56	£2.05



Sia Powerfile Belts [30 x 533 mm] To suit Makita 9031 powerfiles.

Powerfile Belts 30 x 533 mm	code	price
grit		
60	ABR2800P60	£4.12
80	ABR2800P80	£4.12

GRINDING AND CUTTING DISCS FOR STEELWORK



Nylon Backing Pads To fit angle grinders and mini grinders. They are supplied with metal inserts and locknuts.

Nylon Backing Pads	code	price
Pad to suit 115 mm discs and M14 x 2 angle grinder	ABR181	£7.88
Pad to suit 125 mm discs and M14 x 2 angle grinder	ABR180	£8.45



Sia Flap Discs Can be fitted directly to a grinder without the need of a backing pad and they last up to 25 x the life of sanding discs and provide a better finish. Suits the majority of grinding applications.

Flap Disc	code	price	10+
disc Ø x bore Ø	grit		
115 x 22 mm	40	ABR71540	£4.69 £4.08
115 x 22 mm	60	ABR71560	£4.69 £4.08
125 x 22 mm	40	ABR72740	£5.66 £4.92
125 x 22 mm	60	ABR72760	£5.66 £4.92

Cut Off Wheels for Portable Cut Off Saws

Cut Off Wheels	code	price	15+
14" wheel Ø x 1" bore Ø	ABR230	£7.03	£5.81



Cutting Wheels [3mm] Grade suitable for cutting mild steel, wrought iron, hard aluminium, and angle iron. They are not suitable for grinding. All the wheels are flat and 3 mm thick.

Cutting Wheels 3 mm	code	price	10+
wheel Ø x bore Ø			
115 x 22 mm	ABR402	£1.34	£1.21
125 x 22 mm	ABR403	£1.61	£1.46
230 x 22 mm	ABR405	£3.09	£2.81



Cutting Wheels [1mm] Grade suitable for cutting sheet metal, stainless steel, pipes and profiles, brick, stone, ceramic tiles, plastic and PVC. These wheels are 1 mm thick. Provided in a useful tin.

Cutting Wheels 1 mm	code	price	per 10
wheel Ø x bore Ø			
100 x 16 mm	TOLFAI10010MUL	£15.56	
115 x 22 mm	TOLFAI11510MUL	£18.21	
125 x 22 mm	TOLFAI12510MUL	£23.37	



Grinding Wheels [6.5mm] Grade suitable for stock removal on ferrous and non-ferrous metals. All our wheels are 6.5 mm thick with depressed centre.

Grinding Wheels	code	price	10+
wheel Ø x bore Ø			
115 x 22 mm	ABR412	£2.20	£1.99
125 x 22 mm	ABR413	£2.28	£2.06
230 x 22 mm	ABR415	£5.56	£5.06

HAND SANDING



Glass Paper [280 x 230 mm] Good old-fashioned sandpaper for use on timber prior to painting. F2, M2 and S2 are the most popular sizes. For really effective hand sanding why not try the hook and loop system? Don't forget your Puggy Gloves [page 343].

Glass Paper 280 x 230 mm	code	price	10+	50+
grit	type		per sheet	
180	0	fine	ABR011	£0.22 £0.20 £0.19
120	1 1/2	medium	ABR013	£0.25 £0.22 £0.20
100	F2	medium	ABR014	£0.26 £0.24 £0.22
60	M2	medium	ABR015	£0.27 £0.25 £0.23
40	S2	coarse	ABR016	£0.28 £0.26 £0.25

Waterproof Paper – Wet and Dry [280 x 230 mm] For fine work. Wet and dry paper can be used wet or dry. When used wet on varnish or enamel it works quickly without dust to provide a smooth matt surface perfect high gloss for top coats.

Waterproof Paper 280 x 230 mm	code	price	10+	50+
grit		per sheet		
600	ABR020	£0.82	£0.75	£0.70
400	ABR021	£0.82	£0.75	£0.70
320	ABR023	£0.83	£0.75	£0.70
240	ABR024	£0.83	£0.75	£0.70
180	ABR027	£0.85	£0.76	£0.72
120	ABR028	£0.94	£0.85	£0.80

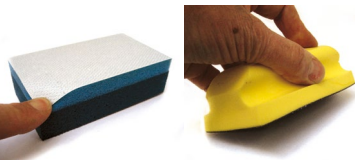
Emery Cloth [280 x 230 mm] For the engineering shop.

Emery Cloth 280 x 230 mm	code	price	25+
grit	type	per sheet	
120	F	ABR043 £1.38	£1.25
100	1	ABR044 £1.38	£1.25
60	2	ABR046 £1.38	£1.25
40	3	ABR048 £1.38	£1.25



Abrasive Rolls [115 mm x 50 m] Handy rolls for workshop use. Good quality aluminium oxide. If you are hand sanding – try out the Puggy Gloves [page 343], you won't regret it!

Abrasive Rolls 115 mm x 50 m	code	price
grit		
220	ABR086	£46.41
120	ABR082	£46.41
100	ABR081	£46.41
80	ABR080	£46.41



Hook and Loop System [125 x 70 mm] We can highly recommend using this system for sanding. The

high quality abrasive sheets are quickly attached to the hand block which provides a very comfortable grip for ease and effectiveness of use. There is no wastage and you have great control. The abrasive sheets are of the highest professional quality so they last well and work fast.

- ✓ Superb control
- ✓ Fast cutting
- ✓ No wastage
- ✓ Good packaging
- ✓ Ideal for varnish and enamel work

Hook and Loop System Hand Blocks	code	price
Sanding Block [medium and very soft]	ABR301	£13.18
Single Side Block with hand grip [medium]	ABR305	£9.84

Hook and Loop Sheets 125 x 70 mm	code	price	50+
grit		per sheet	
40	ABR310	£0.67	£0.55
60	ABR311	£0.53	£0.43
		price	100 +
80	ABR312	£0.44	£0.35
120	ABR314	£0.38	£0.32
180	ABR316	£0.38	£0.32
240	ABR319	£0.38	£0.32
320	ABR321	£0.38	£0.32
400	ABR322	£0.38	£0.32



See also the **Mirka Abranet Strips** [81 x 133 mm] online

ABRASIVE PADS



Abrasive Pads [152 x 229 mm] May be used dry or with water. These pads are an excellent choice for paint preparation on old dirty pre-painted surfaces. When used with running water from a hose, they will clean, denib, and matt the surface in one action leaving it ready to accept paint. Sold each.

Abrasive Pads		code	price	20+
Ultra Fine	Denibbing and keying between paint coats	ABR500E	£1.47	£1.02
Very Fine	Fine metal cleaning and keying prior to paint	ABR501E	£1.47	£1.02
General	Scouring and cleaning	ABR502E	£1.63	£1.02
Heavy-duty	Removal of corrosion on steel aluminium etc.	ABR503E	£1.63	£1.02

WIRE WOOL & BRUSHES



Wire Wool Use for abrading, cleaning, buffing, polishing and removing. We also highly recommend the above abrasive pads.

Wire Wool		code	price
grade	sandpaper equivalent	quantity	
0000	300 - 600	1/2 lb	ABR198 £3.99
000	280 - 320	1/2 lb	ABR197 £3.99
00	150 - 220	1/2 lb	ABR196 £3.99
0	100 - 150	1/2 lb	ABR192 £3.86
1	80 - 120	1/2 lb	ABR193 £3.86
2	60 - 80	1/2 lb	ABR194 £3.86
3	40 - 60	1/2 lb	ABR195 £3.86



Mini Wire Brush Set Like oversized toothbrushes these are great for getting at difficult to access places to clean up and de-rust prior to painting. They have a comfortable soft grip handle. One of stainless steel, one of brass and one of nylon. Length: 175 mm. Bristles: 40 mm x 10 mm wide.

Mini Wire Brush Set	code	price
3 brush set	TOLROU52005	£7.30



Purdy Cushion Grip Wire Brush This short handled brush has unique criss-cross bristles made from rustproof stainless steel. The handle is rubberised for comfort, has a pistol grip, and a hammerhead end. The brush head has side grips so you can really attack your rust. It's really lightweight too! Sadly Purdy have discontinued their rather good Block Brush which could be used with an extension pole. Qué será, será!

Purdy Wire Brushes	length	weight	code	price
Short Handled Wire Brush	11"	200 g	PBR144910100	£6.85



Economy Wire Brush We now stock a really good value wire brush with a wooden handle.

Wire Brush	code	price
Three Row	TOL731	£3.50
Four Row	TOL732	£4.05
Four Row with Scraper	TOL734	£5.64



Faithful Wire Brush A useful good value steel wire brush with plastic handle.

Faithful Wire Brush	code	price
4-Row Wire Brush	MET044241	£2.20