

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.

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 or "Wet & Dry" 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 propshop. 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.



code	Grit	diameter	pack qty	price
ABRMT04050	P40	93mm	50	£25.83
ABRMT06050	P60	93mm	50	£24.03
ABRMT08050	P80	93mm	50	£19.02
ABRMT10050	P100	93mm	50	£19.02
ABRMT12050	P120	93mm	50	£19.02
ABRMT15050	P150	93mm	50	£19.02
ABRMT18050	P180	93mm	50	£19.02

Mirka Iridium & Abranet Sanding Discs Festool Compatible

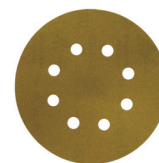
We stock 2 types of Festool-compatible discs. The 90 mm Iridium abrasives have a mix of ceramic and aluminium oxide grains on a flexible paper with precision coating that prevents clogging and reduces pilling. The 125 mm and 150 mm feature the Abranet technology, which means the whole sheet is a mesh 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.



	code	Grit	holes	Ø	pack qty	price
Iridium 7 hole - 90mm Ø	ABRM9004050	P40	6 + 1	90mm	50	£32.42
	ABRM9006050	P60	6 + 1	90mm	50	£30.21
	ABRM9008050	P80	6 + 1	90mm	50	£23.91
	ABRM9012050	P120	6 + 1	90mm	50	£23.91
	ABRM9015050	P150	6 + 1	90mm	50	£23.91
	ABRM9018050	P180	6 + 1	90mm	50	£23.91
	ABRM9024050	P240	6 + 1	90mm	50	£23.91
Abranet - 125mm Ø	ABRM12508010	P80	mesh	125mm	10	£17.05
	ABRM12508050	P80	mesh	125mm	50	£51.19
	ABRM12510050	P100	mesh	125mm	50	£45.64
	ABRM12512010	P120	mesh	125mm	10	£17.05
	ABRM12512050	P120	mesh	125mm	50	£45.64
	ABRM12518010	P180	mesh	125mm	10	£17.05
	ABRM12518050	P180	mesh	125mm	50	£45.64
	ABRM12524010	P240	mesh	125mm	10	£17.05
	ABRM12524050	P240	mesh	125mm	50	£45.64
	ABRM12532010	P320	mesh	125mm	10	£17.05
	ABRM12532050	P320	mesh	125mm	50	£45.64
Abranet - 150mm Ø	ABRM15008010	P80	mesh	150mm	10	£19.02
	ABRM15008050	P80	mesh	150mm	50	£59.57
	ABRM15010050	P100	mesh	150mm	50	£52.11
	ABRM15012010	P120	mesh	150mm	10	£19.02
	ABRM15012050	P120	mesh	150mm	50	£52.11
	ABRM15018010	P180	mesh	150mm	10	£19.02
	ABRM15018050	P180	mesh	150mm	50	£52.11
	ABRM15024010	P240	mesh	150mm	10	£19.02
	ABRM15024050	P240	mesh	150mm	50	£52.11
	ABRM15032010	P320	mesh	150mm	10	£19.02
	ABRM15032050	P320	mesh	150mm	50	£52.11
	ABRM15040050	P400	mesh	150mm	50	£52.11

Sia Quick Fit Abrasive Discs [125 mm Ø]

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



code	Grit	per disc	100+	500+
ABR640	40	£0.51	£0.46	£0.44
ABR660	60	£0.51	£0.46	£0.44
ABR680	80	£0.46	£0.41	£0.37
ABR6120	120	£0.59	£0.53	£0.48
ABR6180	180	£0.54	£0.49	£0.47
ABR6240	240	£0.45	£0.41	£0.37
ABR6320	320	£0.45	£0.41	£0.37
ABR6400	400	£0.45	£0.41	£0.37

Sia Quick Fit Abrasive Discs [150 mm Ø]

6 holes [DID2]. Velcro-type attachment. Excellent quality abrasives. Great value.



code	Grit	price	100+	500+
ABR840	40	£0.73	£0.66	£0.63
ABR860	60	£0.67	£0.60	£0.57
ABR880	80	£0.61	£0.55	£0.52
ABR8120	120	£0.78	£0.70	£0.63
ABR8180	180	£0.66	£0.59	£0.53
ABR8240	240	£0.61	£0.55	£0.49
ABR8320	320	£0.61	£0.55	£0.49
ABR8400	400	£0.61	£0.55	£0.49

BELT SANDING

Sia Cloth Sanding Belts [100 x 610 mm]

To suit Makita 9402 and Ryobi belt sanders. Swiss quality at our special prices.



code	Grit	price	100+
ABR050	40	£2.61	£2.35
ABR052	60	£2.61	£2.35
ABR053	80	£2.61	£2.35
ABR055	100	£2.61	£2.35
ABR054	120	£2.61	£2.35
ABR049	150	£2.61	£2.35

GRINDING AND CUTTING DISCS FOR STEELWORK

Nylon Backing Pads

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



code	description	price
ABR181	Pad to suit 115 mm discs and M14 x 2 angle grinder	£7.88

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.



code	Grit	diameter	bore	price	10+
ABR71540	40	115mm	22mm	£4.98	£4.48
ABR71560	60	115mm	22mm	£4.98	£4.48
ABR72760	60	125mm	22mm	£6.61	£5.94

Cut Off Wheels for Portable Cut Off Saws

code	wheel Ø	bore Ø	price	15+
ABR230	14"	1"	£7.03	£5.81

Sia Fibre-Backed Sanding Discs

Industrial quality discs manufactured from heavy duty fibre backing coated with aluminium oxide.

code	Grit	diameter	pack qty	per pack
ABR062B	50	115mm	25	£24.03

Cutting Wheels [3 mm]

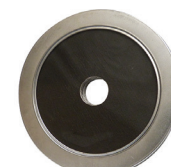
Grade suitable for cutting mild steel, wrought iron, hard aluminium, and angle iron. They are not suitable for grinding. All the wheels are flat and 3 mm thick.



code	diameter	bore	price	10+
ABR402	115mm	22mm	£1.34	£1.21
ABR403	125mm	22mm	£1.61	£1.46
ABR405	230mm	22mm	£3.09	£2.81

Cutting Wheels [1 mm]

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.



code	diameter	bore	price	per 10
TOLFA110010MUL	100mm	16mm		£15.56
TOLFA111510MUL	115mm	22mm		£18.21
TOLFA112510MUL	125mm	22mm		£23.37

Grinding Wheels [6.5 mm]

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



code	diameter	bore	price	10+
ABR412	115mm	22mm	£1.98	£1.98
ABR413	125mm	22mm	£2.28	£2.06

HAND SANDING

Glass Paper [280 x 230 mm]

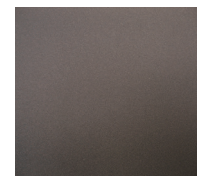
Good oldfashioned sandpaper for use on timber prior to painting. F2, M2 and S2 are the most popular sizes. For really effective hand sanding why not try the hook and loop system? Don't forget your Puggy Gloves [page 365].



code	description	Grit	per sheet	10+	50+
ABR011	fine	180	£0.22	£0.20	£0.19
ABR013	medium	120	£0.25	£0.22	£0.20
ABR014	medium	100	£0.26	£0.24	£0.22
ABR015	medium	60	£0.27	£0.25	£0.23
ABR016	coarse	40	£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.

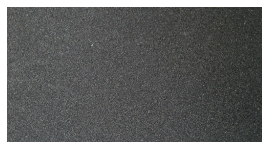


code	Grit	per sheet	10+	50+
ABR020	600	£0.89	£0.80	£0.75
ABR021	400	£0.89	£0.80	£0.75
ABR023	320	£0.89	£0.80	£0.75
ABR024	240	£0.89	£0.80	£0.75
ABR027	180	£0.91	£0.81	£0.77
ABR028	120	£1.02	£0.92	£0.87

ABRASIVES

Emery Cloth [280 x 230 mm]

For the engineering shop.



code	Grit	Type	per sheet	25+
ABR043	120	F	£1.30	£1.17
ABR044	100	1	£1.30	£1.17
ABR046	60	2	£1.30	£1.17
ABR048	40	3	£1.30	£1.17

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 365], you won't regret it!

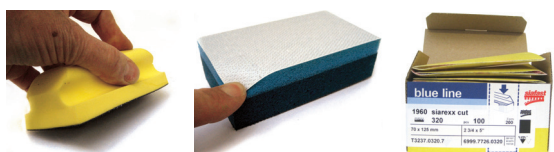


code	Grit	price
ABR086	120	£47.76
ABR082	100	£47.76
ABR081	60	£47.76
ABR080	40	£47.76

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



code	description	price	
ABR301	Sanding Block [medium and very soft]	£13.59	
ABR305	Single Side Block with hand grip [medium]	£9.98	
code	Grit	per sheet	50+
ABR310	40	£0.67	£0.55
ABR311	60	£0.58	£0.52
code	Grit	per sheet	100+
ABR312	80	£0.45	£0.40
ABR314	120	£0.37	£0.33
ABR316	180	£0.37	£0.33
ABR319	240	£0.37	£0.33
ABR321	320	£0.37	£0.33
ABR322	400	£0.37	£0.33

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.



code	description	price	20+
ABR500E	Ultra Fine: Denibbing and keying between paint coats	£1.52	£1.37
ABR501E	Very Fine: Fine metal cleaning and keying prior to paint	£1.52	£1.37
ABR502E	General: Scouring and cleaning	£1.68	£1.51
ABR503E	Heavy-duty: Removal of corrosion on steel aluminium etc	£1.68	£1.51

WIRE WOOL & BRUSHES

Wire Wool

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



code	Grade	Sandpaper Equivalent	qty	price
ABR198	0000	300-360	0.5lb	£3.99
ABR197	000	280-320	0.5lb	£3.99
ABR196	00	150-220	0.5lb	£3.99
ABR192	0	100-150	0.5lb	£3.86
ABR193	1	80-120	0.5lb	£3.86
ABR194	2	60-80	0.5lb	£3.86
ABR195	3	40-60	0.5lb	£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.



code	description	price
TOLROU52005	3 brush set	£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. Super lightweight, we really like it. Sadly Purdy have discontinued their rather good block brush which could be added to an extension pole. Qué será, será!



code	description	length	weight	price
PBR144910100	Short Handled Wire Brush	11"	200g	£7.88

Economy Wire Brush

A really good value wire brush with a plastic handle.



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

Faithfull Wire Brushes

Heavy-duty hardened and tempered 28 gauge steel with wooden handles.



code	description	price
MET044241	Four Row with plastic handle	£2.20