

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 propshop.

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.



Hook and Loop System [125 x 70 mm]

I 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	£8.65		
Single Side Block with hand grip [medium]	ABR305	£7.25		
Hook and Loop Sheets 125 x 70 mm	code	price	50+	
	grit	per sheet		
	40	ABR310	£0.45	£0.38
	60	ABR311	£0.34	£0.29
			price	100 +
	80	ABR312	£0.28	£0.24
	120	ABR314	£0.25	£0.22
	180	ABR316	£0.25	£0.22
	240	ABR319	£0.25	£0.22
	320	ABR321	£0.25	£0.22
	400	ABR322	£0.25	£0.22



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	£0.54	£0.42
	400	ABR021	£0.54	£0.42
	320	ABR023	£0.54	£0.42
	240	ABR024	£0.54	£0.42
	180	ABR027	£0.57	£0.44
	120	ABR028	£0.54	£0.45

Emery Cloth [280 x 230 mm]

For the engineering shop.

Emery Cloth 280 x 230 mm	code	price	25+	
	grit	type	per sheet	
	220	0	ABR041	£1.25
	120	F	ABR043	£1.25
	100	1	ABR044	£1.25
	60	2	ABR046	£1.40
	40	3	ABR048	£1.55



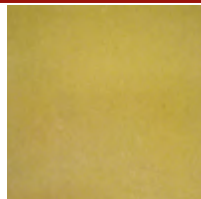
Abrasive Rolls [115 mm x 50 m]

Handy rolls for workshop use. Good quality aluminium oxide. If you are hand sanding – try out the Puggy Gloves [page 323], you won't regret it!

Abrasive Rolls 115 mm x 50 m	code	price	
	grit		
	240	ABR085	£33.55
	120	ABR082	£33.55
	100	ABR081	£33.55
	80	ABR080	£33.55

Take a look at the Linear Sander [page 264]. It's unique and brilliant!

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 323].

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



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. See next page for wire wool. Supplied in boxes of ten.

Abrasive Pads		code	price
			per 10
Ultra Fine	Denibbing and keying between paint coats	ABR500	£8.10
Very Fine	Fine metal cleaning and keying prior to paint	ABR501	£8.10
General purpose	Scouring and cleaning	ABR502	£8.10
Heavy-duty	Removal of corrosion on steel aluminium etc.	ABR503	£8.10

POWER SANDING AND CARVING

Abrasives for Power Machines

Flints stocks the finest abrasives generally made by either Swiss Industrial Abrasives or by Festool. Festool make a large range of superior abrasives to fit their machines. One of the advantages of choosing Festool equipment and consumables is the noticeable reduction in airborne dust. The Granat Abrasive has a special dust repellent coating for even longer life. It is recommended to use genuine Festool Abrasives on Festool machines to greatly prolong the life of your Festool velcro base plates.

Cuts cooler for less clogging!



Fits Rupes and Festool

Festool Delta Sheets Hook and loop fastened sheets to fit the Festool Delta Sanders that are listed on page 263 and the Rupes Sander that we used to stock. The very finest "Granat" Festool abrasives for long life.

Granat Abrasives		code	price
size	grit	pack quantity	per pack
100 x 150 mm delta	P40	10	FES497131 £10.50
100 x 150 mm delta	P80	10	FES497132 £9.10
100 x 150 mm delta	P120	10	FES497133 £7.80
100 x 150 mm delta	P180	10	FES497134 £7.80
100 x 150 mm delta	P40	50	FES497135 £32.50
100 x 150 mm delta	P60	50	FES497136 £30.30
100 x 150 mm delta	P80	50	FES497137 £28.20
100 x 150 mm delta	P120	100	FES497138 £48.00
100 x 150 mm delta	P180	100	FES497140 £48.00
100 x 150 mm delta	P240	100	FES497142 £48.00
100 x 150 mm delta	P320	100	FES497143 £48.00
100 x 150 mm delta	P400	100	FES497144 £48.00



Festool Triangular Sheets Hook and loop fastened sheets to fit the Festool Deltex Mini Corner Sander DTS 400.

Granat Abrasives		code	price
size	grit	pack quantity	per pack
93 mm triangular	P40	50	FES497390 £20.40
93 mm triangular	P60	50	FES497391 £19.00
93 mm triangular	P80	50	FES497392 £17.80
93 mm triangular	P120	100	FES497394 £30.10
93 mm triangular	P180	100	FES497396 £30.10
93 mm triangular	P240	100	FES497398 £30.10
93 mm triangular	P320	100	FES497399 £30.10
93 mm triangular	P400	100	FES497400 £30.10

DX 93, RO 90, RS 300*
*for use with flat iron sanding pad



Festool Sanding Discs with Granat Abrasive These abrasives have a special dust repellent coating results in even longer life. Designed to work cooler and clog less. Operators who have tried these discs say they will never change back! Festool's best-selling paper. The 150 mm Ø now features multi-jetstream technology - see page 264 for more details.

multi-jetstream technology - see page 264 for more details.

Granat Abrasives		code	price
size	grit	holes	pack quantity
90 mm Ø	P40	6+1	50
90 mm Ø	P60	6+1	50
90 mm Ø	P80	6+1	50
90 mm Ø	P100	6+1	100
90 mm Ø	P120	6+1	100
90 mm Ø	P180	6+1	100
90 mm Ø	P240	6+1	100
90 mm Ø	P320	6+1	100
90 mm Ø	P400	6+1	100
125 mm Ø	P60	8+1	10
125 mm Ø	P120	8+1	10
125 mm Ø	P320	8+1	10
125 mm Ø	P60	8+1	50
125 mm Ø	P80	8+1	50
125 mm Ø	P100	8+1	100
125 mm Ø	P120	8+1	100
125 mm Ø	P180	8+1	100
125 mm Ø	P240	8+1	100
125 mm Ø	P320	8+1	100
125 mm Ø	P360	8+1	100
125 mm Ø	P400	8+1	100
150 mm Ø	P40	16+32+1	10
150 mm Ø	P60	16+32+1	10
150 mm Ø	P80	16+32+1	10
150 mm Ø	P120	16+32+1	10
150 mm Ø	P180	16+32+1	10
150 mm Ø	P320	16+32+1	10
150 mm Ø	P40	16+32+1	50
150 mm Ø	P60	16+32+1	50
150 mm Ø	P80	16+32+1	50
150 mm Ø	P120	16+32+1	100
150 mm Ø	P180	16+32+1	100
150 mm Ø	P240	16+32+1	100
150 mm Ø	P320	16+32+1	100
150 mm Ø	P360	16+32+1	100
150 mm Ø	P400	16+32+1	100

Suits RO 90

Suits RO 125, ETS 125, LEX 125

Suits RO 150, ETS 150, WTS 150 and LEX 150



Sia Quick Fit Abrasive Discs [125 mm Ø] Fits DeWalt 423 Random orbital sander. 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	£0.30	£0.27	£0.24
60		ABR660	£0.30	£0.27	£0.24
80		ABR680	£0.30	£0.27	£0.24
120		ABR6120	£0.30	£0.27	£0.24
180		ABR6180	£0.30	£0.27	£0.24
240		ABR6240	£0.30	£0.27	£0.24
320		ABR6320	£0.30	£0.27	£0.24
400		ABR6400	£0.30	£0.27	£0.24



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+
grit			
40	ABR840	£0.51	£0.42
60	ABR860	£0.45	£0.37
80	ABR880	£0.40	£0.34
grit		price	100+
120	ABR8120	£0.40	£0.34
180	ABR8180	£0.40	£0.34
240	ABR8240	£0.40	£0.34
320	ABR8320	£0.40	£0.34
400	ABR8400	£0.40	£0.34

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	£1.43	£1.23
60	ABR052	£1.43	£1.23
80	ABR053	£1.43	£1.23
100	ABR055	£1.43	£1.23
120	ABR054	£1.43	£1.23
150	ABR049	£2.20	£1.90



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

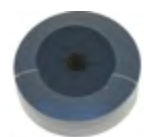
Powerfile Belts 30 x 533 mm	code	price
grit		
60	ABR2800P60	£2.69
80	ABR2800P80	£2.61

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

Fibre-Backed Sanding Discs	code	price	
Ø	grit	pack quantity	per pack
115 mm	80	25	ABR064B £16.58
115 mm	60	25	ABR063B £17.85
115 mm	50	25	ABR062B £18.28
115 mm	36	25	ABR061B £19.55
125 mm	80	25	ABR073 £17.85
125 mm	60	25	ABR072 £19.13
125 mm	36	25	ABR071 £21.25
125 mm	24	25	ABR070 £22.53



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	£4.53 £4.08
115 x 22 mm	60	ABR71560	£4.53 £4.08
125 x 22 mm	40	ABR72740	£5.46 £4.92
125 x 22 mm	60	ABR72760	£5.46 £4.92

Cut Off Wheels for Portable Cut Off Saws

Cut Off Wheels	code	price	15+
14" wheel Ø x 1" bore Ø	ABR230	£5.57	£4.61



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.

Cutting Wheels 3 mm	code	price	10+
wheel Ø x bore Ø			
115 x 22 mm	ABR402	£1.06	£0.96
125 x 22 mm	ABR403	£1.27	£1.15
230 x 22 mm	ABR405	£2.45	£2.20



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.

Cutting Wheels 1 mm	code	price	per 10
wheel Ø x bore Ø			
100 x 16 mm	TOLFA110010MUL		£12.32
115 x 22 mm	TOLFA11510MUL		£14.42
125 x 22 mm	TOLFA112510MUL		£18.50



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.

Grinding Wheels	code	price	10+
wheel Ø x bore Ø			
115 x 22 mm	ABR412	£1.56	£1.41
125 x 22 mm	ABR413	£1.81	£1.63
230 x 22 mm	ABR415	£4.41	£3.97

WIRE WOOL



Wire Wool Use for abrading, cleaning, buffing, polishing and removing. If you are using wire wool for abrading why not also consider using the very effective Abrasive Pads listed on page 294?

Wire Wool	code	price	
grade	sandpaper equivalent	quantity	
0000	300 - 600	1/2 lb	ABR198 £3.87
000	280 - 320	1/2 lb	ABR197 £3.87
00	150 - 220	1/2 lb	ABR196 £3.87
0	100 - 150	1/2 lb	ABR192 £3.87
1	80 - 120	1/2 lb	ABR193 £3.75
2	60 - 80	1/2 lb	ABR194 £3.75
3	40 - 60	1/2 lb	ABR195 £3.75