

SWP™



3M

CUBITRON™ II







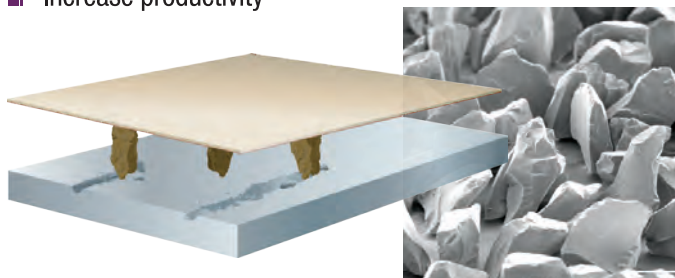
CUBITRON™ II

Grinding and cutting reinvented

3M™ Cubitron™ II abrasives are revolutionising the cutting and grinding process. They're faster cutting and longer lasting than conventional abrasives.

With 3M Precision-Shaped Grain technology that transforms the process of grinding and cutting metal, Cubitron II abrasives:

- Cut faster
- Stay sharp longer
- Require less pressure
- Help reduce operator fatigue
- Increase productivity



Conventional ceramic abrasive grain is irregular in shape. Instead of a clean, machining action, the grain 'ploughs' through the metal, causing heat build-up, slower cutting and shorter life.



3M Precision-Shaped Grain in Cubitron™ II abrasives continuously fracture to form sharp points and edges – slicing cleaner and faster, staying cooler and lasting many times longer.

3 reasons why it's better

- 1 Cuts faster**
helps improve productivity and throughput
- 2 Lasts longer**
helps save money
- 3 Easier to use**
good for your workers, good for your business

Scotch-Brite™

Prepared for perfection

The perfect finish starts with Scotch-Brite™

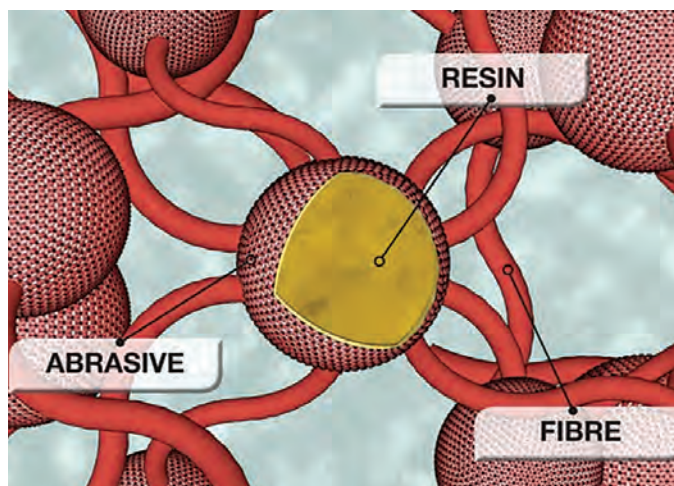
Performance. Durability. Reliability. Excellence. We don't release a surface conditioning product until we can guarantee it delivers all four. Because at Scotch-Brite, our standards are as high as yours. After all, if you don't compromise on quality, why should we?

Scotch-Brite Non-Woven Technology Explained

Our unique Non-Woven Web is the secret to superior performance. It binds together synthetic fibres and abrasive particles to create a conformable, three-dimensional material. Its open structure reduces the risk of warping or discolouring the part, resists loading, improves finish and prolongs the product's life. What's more, our Non-Woven Web is engineered to continually expose fresh abrasive to the work surface, for a consistent, smoother finish – without the risk of overworking the part and disturbing critical tolerances.

What makes Scotch-Brite the best you can buy?

- A tough, non-woven nylon web impregnated with resin and mineral throughout its structure
- Spring-like action produces a smooth, burr-free surface
- Uniform, consistent results with no undercutting
- Suitable for deburring, finishing, cleaning and small weld removal applications
- Easy to use, less rework, fewer rejects



Cut-off Wheels

3M™ Silver Cut-off Wheel

Acts like a cutting tool, slicing through metal like a knife. The material is continuously self-sharpening, as points break off during use to expose new sharp edges – slicing cleaner and faster, staying cooler and lasting many times longer than conventional grain types.

Part No.	Diameter (mm)	Thickness (mm)	Centre hole	Type	Max RPM	Box Qty
51785	115	1.0	22.23	T41	13300	25
51787	115	1.6	22.23	T41	13300	25
51800	115	2.5	22.23	T42	13300	25
51790	125	1.0	22.23	T41	12250	25
51804	230	2.0	22.23	T41	6650	25

Other sizes available – call for details.



Grinding Wheels

3M™ Silver Depressed Centre Grinding Wheel

Featuring 3M's Precision-Shaped Ceramic Grain, cut faster and last longer than competitive aluminum oxide and alumina zirconia wheels. They have been designed for everyday high performance, helping you to reduce your abrasive spend without compromising on performance.

Part No.	Diameter (mm)	Thickness (mm)	Centre hole	Type	Max RPM	Box Qty
51747	115	7	22.23	T27	13300	10
51748	125	7	22.23	T27	12250	10
51751	230	7	22.23	T27	6500	10

Also available in 100mm, 125mm, 150mm and 180mm.



Flap Discs

3M™ Flap Disc 769F

3M Flap Disc 769F is designed medium to high unit-pressure applications. The primary substrates for this product are carbon steel, stainless steel and other nickel/chromium-based alloys.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Type	Box Qty
51991	115	22	40+	13300	Conical	25
51993	115	22	60+	13300	Conical	25
51995	115	22	80+	13300	Conical	25

Also available in 125mm and 180mm and Type 27 Flat version.



Fibre Discs

3M™ Cubitron™ II Fibre Disc 982CX Pro

The 3M™ Cubitron™ II Fibre Disc 982CX Pro features reinvented precision-shaped grain and redesigned construction for faster cutting, longer life and improved performance. Ideal for medium and high-pressure applications such as weld removal, beveling and other aggressive grinding applications.

Part No.	Diameter (mm)	Centre Hole (mm)	Grit	Max RPM	Accessory	Box Qty
83323	115	22	36+	13300	64860	25
83322	125	22	36+	12000	64861	25
83321	180	22	36+	8600	64862	25

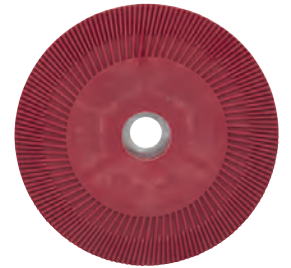


CUBITRON II

Accessories: 982C, 982CX Pro & 987C Back-up Pads

For heavy stock removal.

Part No.	Description	Size	Colour	Max RPM	Box Qty
64860	3M™ Cubitron™ II Ribbed Back-Up Pad	115mm x M14 – 2.0	Red	13300	10
64861	3M™ Cubitron™ II Ribbed Back-Up Pad	125mm x M14 – 2.0	Red	12200	10
64862	3M™ Cubitron™ II Ribbed Back-Up Pad	180mm x M14 – 2.0	Red	8500	10



3M™ Fibre Disc 782C

3M 782C fibre discs are designed for all applications typical of such abrasives, including but not limited to beveling, weld grinding, weld preparation, and general sanding/grinding where the edge of the disc is not used. The primary substrate for this product is mild (carbon) steel.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Accessory	Box Qty
89714	115	22	36+	13200	7306	25
89718	115	22	60+	13200	7306	25
89722	115	22	80+	13200	7306	25

Also available in 100mm, 125mm and 180mm.



3M™ Fibre Disc 787C

Designed for all applications typical of such abrasives, including but not limited to beveling, weld grinding, weld preparation, and general sanding/grinding where the edge of the disc is not used. The primary substrates for this product are stainless steel and other nickel/chromium-based alloys. It is also recommended for non-ferrous alloys such as aluminum and titanium.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Accessory	Box Qty
89730	115	22	36+	13200	7306	25
89734	115	22	60+	13200	7306	25
89738	115	22	80+	13200	7306	25
89742	115	22	120+	13200	7306	25

Also available in 100mm, 125mm and 180mm.



Premium Abrasive Discs



Accessories: 782C & 787C Back-up Pad

Part No.	Description	Size	Colour	Max RPM	Box Qty
7306	3M™ Flat Semi-Flexible Pad (for blending and finishing)	115mm x M14 – 2.0	Black	13200	5

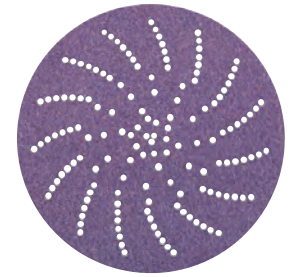


Sanding

3M™ Cubitron™ II Hookit™ Sanding Disc 775L

The 3M™ Cubitron™ II Sanding Disc is a revolutionary advancement in abrasive technology featuring triangular shaped ceramic mineral. As the triangular shaped grain wears, it continually fractures to form sharp points that slice through the substrate, wear evenly and provide extra-long life and consistency.

Part No.	Diameter (mm)	Grit	Fixing System	Max RPM	Hole Config.	Box Qty
86824	152	80+	Hookit	12000	Clean Sand	50
86825	152	120+	Hookit	12000	Clean Sand	50
64259	152	150+	Hookit	12000	Clean Sand	50
64265	152	180+	Hookit	12000	Clean Sand	50
64271	152	220+	Hookit	12000	Clean Sand	50



CUBITRON II

3M™ Cubitron™ II 710W Xtract™ Sanding Disc

The 3M™ Cubitron™ II 710W Xtract™ Sanding Disc is designed to help ensure a consistent and perfect finish on multiple substrates, including wood, metal, and composites. The 3M Xtract™ helps improve productivity, performance and the final finish, whilst maintaining a virtually dust-free work environment – thanks to advanced dust extraction technology.

Part No.	Diameter (mm)	Grit	Fixing System	Max RPM	Hole Config.	Box Qty
39066	150	80+	Hookit	12000	Clean Sand	50
39072	150	120+	Hookit	12000	Clean Sand	50
39080	150	150+	Hookit	12000	Clean Sand	50
39083	150	180+	Hookit	12000	Clean Sand	50
39160	150	240+	Hookit	12000	Clean Sand	50



CUBITRON II

Clean & Strip Disc

3M™ Scotch-Brite™ Clean & Strip XT Pro Disc XO-RD

Nonwoven Abrasive Disc for cleaning, finishing, polishing, blending, scuffing, deburring and paint stripping.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Colour	Box Qty
51889	115	22	S XCRS	13000	Dark Purple	10



Unitised Discs

3M™ Scotch-Brite™ Deburr and Finish Pro Discs DP-UD

Designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. This multi-purpose disc is unique, because it's engineered to do all three.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Colour	Box Qty
51961	115	22.23	8C CRS+	13300	Grey	10
713542	115	22.23	6C MED	13300	Grey	10
51962	115	22.23	2S FIN	13300	Grey	10

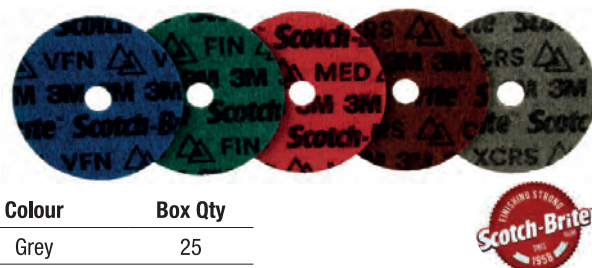


Surface Conditioning Discs

3M™ Scotch-Brite™ Precision Surface Conditioning Discs, PN-DH

Scotch-Brite™ Precision Surface Conditioning Discs set a new standard in surface conditioning performance. These reformulated multi-purpose discs feature 3M Precision-Shaped Grain technology incorporated into the nonwoven web, bringing a new level of productivity and abrasive life to the Scotch-Brite™ lineup.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Colour	Box Qty
7100275260	100	16	XCRS	Grey	25
7100275261	100	16	CRS	Brown	25
7100275899	100	16	MED	Maroon	25
7100275837	100	16	FIN	Green	25
7100275838	100	16	VFN	Blue	25
7100274225	115	22	XCRS	Grey	25
7100274279	115	22	CRS	Brown	25
7100275844	115	22	MED	Maroon	25
7100275836	115	22	FIN	Green	25
7100275845	115	22	VFN	Blue	25



NEW FOR
2022

3M™ Scotch-Brite™ Hookit™ Backed Discs SC-DH

Refine heavy scratches, improve aesthetic finish, blend and prepare for painting.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Colour	Box Qty
430399	100	16	ACRS	Brown	22
408207	100	16	AMED	Maroon	22
421223	100	16	AVFN	Blue	22
60981	115	22	ACRS	Brown	20
60982	115	22	AMED	Maroon	20
60983	115	22	AVFN	Blue	20



Accessories: Surface Conditioning Back-up Pad

Part No.	Description	Size	Colour	Max RPM	Box Qty
61678	Scotch-Brite™ Centre-Pin Hook & Loop Back Up Pad	100mm x M14	Black	18000	1
61680	Scotch-Brite™ Centre-Pin Hook & Loop Back Up Pad	115mm x M14	Black	12000	1



National Distribution Depot

Unit 1, Withins Point, Withins Road, Haydock Industrial Estate, Haydock WA11 9UD, UK

Customer Service

T +44 (0)1420 588180 | **F** +44 (0)1420 588184 | **E** sales@swp.uk.net

**specialised
welding.co.uk**