

3M Abrasive Systems
Abrasive Products, Tools and Accessories



**Reliable
solutions**
with optimised
performance

3M

3M Abrasive solutions at your fingertips

- The 3M Abrasive Systems Catalogue has been designed to make it as easy as possible for you to find the details you require about our range of world-class abrasive products.
- Products are grouped into nine colour-coded sections with each represented by the type of tool they are designed to work with. The final two colour-coded sections represent the tools and accessories available from the 3M range.
- A second contents page has also been provided which lists all of the products by name, to make it quicker to find the products that you might already know by name.
- To make product selection easier, we have provided information on each of the section divider pages that shows both the application and the substrates that each product is primarily designed to work with.
- Each product page provides a detailed breakdown of the available sizes and grades as well as recommendations on which accessories or tools each product should be used with.

Product pages

Sections are colour-coded and tabbed for easy look-up

Product name

Typical applications

Product benefits

Product selection

Recommended or Optional Accessories

Recommended or Optional Tools

3M™ Green-Corps™ Flexible Grinding Discs

Applications:

- Flexible grinding discs are ideal for working on thinner gauged metal applications where controlled stock removal rates are required.
- Post weld clean up of heavy weld splatter and residual slag.

Features:

- Contains Cubitrol™, the advanced Ceramic Aluminium Oxide mineral pioneered by 3M.
- INOX and complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	0338324		
100 x 2 x 16	P460	27	15,300 (80m/s)	0338340		
100 x 2 x 16	P800	27	15,300 (80m/s)	8201050402		
100 x 2 x 16	P800	27	15,300 (80m/s)	0338360		
115 x 3 x 22	P460	27	13,300 (80m/s)	8200207548		
115 x 3 x 22	P460	27	13,300 (80m/s)	0338370		
115 x 3 x 22	P800	27	13,300 (80m/s)	0338385		
125 x 3 x 22	P460	27	12,250 (80m/s)	0337011		
125 x 3 x 22	P460	27	12,250 (80m/s)	0387019		
125 x 3 x 22	P800	27	12,250 (80m/s)	8200030214		
125 x 3 x 22	P800	27	12,250 (80m/s)	8200030209		
180 x 3.7 x 22	P460	27	8,500 (80m/s)	0387540		
180 x 3.7 x 22	P460	27	8,500 (80m/s)	8200030206		
180 x 3.7 x 22	P800	27	8,500 (80m/s)	8200030205		

3M™ Type WA Flexible Grinding Discs

Applications:

- Suitable for use on stainless steel and mild steel.
- Fast grinding performance and quality finish for metal fabrication.

Features:

- Contains premium white aluminum oxide mineral.
- INOX and complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050119		
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050217		
100 x 2 x 16	P800	27	15,300 (80m/s)	8200050205		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050202		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050200		

3M™ Type A Flexible Grinding Discs

Applications:

- Post weld clean up of heavy weld splatter and residual slag.
- Great choice for general purpose metal fabrication and lighter duty grinding applications.

Features:

- Provides consistent performance and value.
- Complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050144		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050177		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050225		

Section divider pages

Product selection chart for applications

Product selection chart for substrates

Product list with good, better, best recommendations

Additional product information and recommendations

Sections are colour-coded and tabbed for easy look-up

3M™ Green-Corps™ Flexible Grinding Discs

Applications:

- Flexible grinding discs are ideal for working on thinner gauged metal applications where controlled stock removal rates are required.
- Post weld clean up of heavy weld splatter and residual slag.

Features:

- Contains Cubitrol™, the advanced Ceramic Aluminium Oxide mineral pioneered by 3M.
- INOX and complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	0338324		
100 x 2 x 16	P460	27	15,300 (80m/s)	0338340		
100 x 2 x 16	P800	27	15,300 (80m/s)	8201050402		
100 x 2 x 16	P800	27	15,300 (80m/s)	0338360		
115 x 3 x 22	P460	27	13,300 (80m/s)	8200207548		
115 x 3 x 22	P460	27	13,300 (80m/s)	0338370		
115 x 3 x 22	P800	27	13,300 (80m/s)	0338385		
125 x 3 x 22	P460	27	12,250 (80m/s)	0337011		
125 x 3 x 22	P460	27	12,250 (80m/s)	0387019		
125 x 3 x 22	P800	27	12,250 (80m/s)	8200030214		
125 x 3 x 22	P800	27	12,250 (80m/s)	8200030209		
180 x 3.7 x 22	P460	27	8,500 (80m/s)	0387540		
180 x 3.7 x 22	P460	27	8,500 (80m/s)	8200030206		
180 x 3.7 x 22	P800	27	8,500 (80m/s)	8200030205		

3M™ Type WA Flexible Grinding Discs

Applications:

- Suitable for use on stainless steel and mild steel.
- Fast grinding performance and quality finish for metal fabrication.

Features:

- Contains premium white aluminum oxide mineral.
- INOX and complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050119		
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050217		
100 x 2 x 16	P800	27	15,300 (80m/s)	8200050205		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050202		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050200		

3M™ Type A Flexible Grinding Discs

Applications:

- Post weld clean up of heavy weld splatter and residual slag.
- Great choice for general purpose metal fabrication and lighter duty grinding applications.

Features:

- Provides consistent performance and value.
- Complies with ASTM F88 & EN12413.

Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P460	27	15,300 (80m/s)	8200050144		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050177		
125 x 3 x 22	P460	27	12,250 (80m/s)	8200050225		

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How can 3M help your business . . .

A Long History in Abrasives

3M was founded in 1902 to mine a mineral deposit for abrasive grinding wheels. In 1921, it revolutionised the sandpaper industry by launching the world's first waterproof sandpaper. For over 100 years, 3M has been a proven leader, providing advanced technology and innovative solutions for increased productivity, enhanced efficiency and improved manufacturing processes, while never compromising quality or safety.

Abrasives Specialist Sales Team

3M's team of sales specialists are dedicated to offering our customers superior value and quality across our range of abrasive solutions. Located throughout Australia, this team can arrange for and conduct Site Surveys, in which their focus is on assessing and optimising your processes. Contact 3M on 136 136 to arrange a visit from a 3M Sales Specialist.

Product Demonstrations

Understanding that nothing is as effective as a live demonstration, 3M Sales Specialists are equipped to be able to provide on-site demonstrations that can improve your company's processes and make your job easier. Located throughout Australia, the team can also work with you to conduct Site Surveys, in which their focus is on assessing areas to optimise your processes. Contact 3M on 136 136 to arrange a visit from a 3M Sales Specialist.

Commitment to Innovation & Quality



3M™ Wheels for Cut-Off Tools

3M™ Green Corps™ Cut-Off Wheels

Applications:

- Top performance on most materials including fibreglass, stainless steel, mild steel and aerospace alloys.
- Cutting sheet metal, frames, rails, bars, clamps and rusted bolts.

Features:

- Long lasting 3M™ Cubitron™ Abrasive Grain.



Size (mm)	Part Number	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
75 x 0.8 x 9.5	01989	41	28,000	0319176	Cut-Off Tool PN20233 60440179418
75 x 1.6 x 9.5	01990	41	26,250	60980028819	
100 x 0.8 x 9.5	01994	41	26,250	60980030427	Cut-Off Tool PN20234 60440179426

3M™ Cut-Off Wheel Tools

Compact design and built-in safety features make these the tools of choice! Designed to easily handle cutting through everything from standard rebar to oversized bolts, you can count on the performance and dependability of the new line of 3M™ Cut-Off Wheel Tools.

Straight Shaft Cut-Off Wheel Tools

Lightweight tool for 75mm and 100mm cut-off wheels

- 1 HP
- 360 degree rear directional exhaust
- 3M™ Gripping material



More details on the tools can be found in the 3M™ Air Tools section starting on page 56 of this catalogue

3M™ Cubitron™ II

NEW!

Engineered Perfection. Epic Performance.

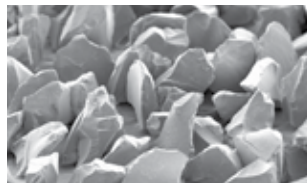
Forget Everything You Know About Grinding

IMAGINE a **NEW** abrasive technology that rewrites the rules of grinding. Generating less heat, faster processing time, fewer stress failures and less burnishing. 3M long known for innovation, has found a way to precisely shape abrasive grains. Introducing the breakthrough 3M precision shaped grain technology behind our Cubitron™ II belts and discs.

This technology is used in:

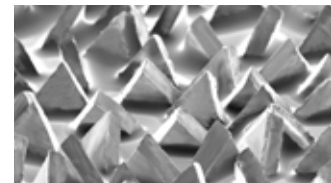
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Conventional
Ceramic Grain



Plows through metal

Precision Sharp
3M™ Cubitron™ II Abrasive Grain



Slices through metal

• **Up to 4X Longer Life** • **Up to 30% Faster Cut** • **Grinds Cooler**

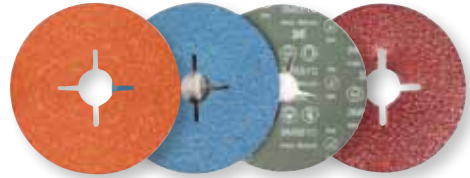
If you haven't tried Cubitron™ II, you are missing a real game changer!

For more information contact 3M on 136 136 or visit www.3M Cubitron2.com.au

CUBITRON™ II

3M

3M™ & Scotch-Brite™ Discs for Angle Grinders



		Application						Substrate							
		Grinding	Light Grinding	Blending	Deburring	Finishing	Cleaning	Coating Removal	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
3M™ Grinding Discs															
Best	3M™ Green-Corps™ Grinding Discs	•							•		•	•	•	•	
Better	3M™ Type WA Grinding Discs	•							•		•	•			
Good	3M™ Type A Grinding Discs	•									•	•			
3M™ Fibre Discs															
Best	3M™ Cubitron™ II Fibre Discs 987C	•	•	•					•	•	•	•	•	•	
Best	3M™ Cubitron™ II Fibre Discs 982C	•	•	•						•	•	•		•	
Better	3M™ Fibre Discs 581C		•	•		•					•	•			
Scotch-Brite™ Discs															
Best	Scotch-Brite™ Light Grinding and Blending Discs		•	•	•				•	•	•	•			
Better	Scotch-Brite™ Surface Conditioning Discs			•		•	•		•	•	•	•	•	•	•
Best	Scotch-Brite™ Clean and Strip (Depressed Centre)						•	•		•	•	•			
Better	Scotch-Brite™ Coating Removal Discs						•	•		•	•	•			

3M™ Fibre Disc Back Up Pads

- Ribbed grinding face on the back-up pads improves the cut rate of the fibre discs and allows the operator to use less pressure on the work piece.
- Retaining nuts to suit either metric or imperial threaded tool systems are supplied with every back up pad.
- Each pad is packaged individually and ready for retail stores.



3M™ Centre-Pin Contact Disc Pads

- Centre-Pin Attachment System contributes to a reduction in tool vibration by centring, securing and maintaining the disc in the correct position on the back-up pad.
- Strong T-Hooks on the face of the pad will securely hold surface conditioning as well as light grinding and blending discs, while the centre-pin will significantly reduce the risk of disc “fly-off” from the back-up pad.
- The centre-pin is designed not to interfere with the work surface, allowing the disc to be used in the same method as it is now.



3M™ Green-Corps™ Rigid Grinding Discs

Applications:

- Suitable for use on stainless steel and mild steel.
- Used for weld leveling and heavy duty grinding applications.

Features:

- Contains Cubitron™, the advanced Ceramic Aluminium Oxide mineral pioneered by 3M.
- INOX and complies with AS1788 & EN12413.



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
100 x 6 x 16	P24G	27	15,300 (80m/s)	XC002057088	Angle Grinder
115 x 6 x 22	P24G	27	13,300 (80m/s)	XC002058748	
125 x 6 x 22	P24G	27	12,250 (80m/s)	XC002058755	
180 x 6 x 22	P24G	27	8,500 (80m/s)	XC002057393	
230 x 6 x 22	P24G	27	6,650 (80m/s)	XC002058714	

3M™ Type WA Rigid Grinding Discs

Applications:

- Suitable for use on stainless steel and mild steel.
- Used for lighter duty grinding and blending work.

Features:

- Contains premium white aluminium oxide mineral.
- INOX and complies with AS1788 & EN12413.



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
100 x 6 x 16	P24G	27	15,300 (80m/s)	XC002057435	Angle Grinder
115 x 6 x 22	P24G	27	13,300 (80m/s)	XC002058763	
125 x 6 x 22	P24G	27	12,250 (80m/s)	XC002058771	

3M™ Type A Rigid Grinding Discs

Applications:

- Suitable for use on mild steel.
- Weld grinding, edge beveling and weld clean up.

Features:

- Provides consistent performance and value.
- Complies with AS1788 & EN12413



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
100 x 6 x 16	P24G	27	15,300 (80m/s)	XC002057450	Angle Grinder
115 x 6 x 22	P24G	27	13,300 (80m/s)	XC002058789	
125 x 6 x 22	P24G	27	12,250 (80m/s)	XC002058797	
230 x 6 x 22	P24G	27	6,650 (80m/s)	XC002058730	

3M™ Green-Corps™ Flexible Grinding Discs

Applications:

- Flexible grinding discs are ideal for working on thinner gauged metal applications where controlled stock removal rates are required.
- Post weld clean up of heavy weld splatter and residual slag.

Features:

- Contains Cubitron™, the advanced Ceramic Aluminium Oxide mineral pioneered by 3M.
- INOX and complies with AS1788 & EN12413.



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P36G	27	15,300 (80m/s)	0336334	Back-up Plates supplied in the box	Angle Grinder
100 x 2 x 16	P46G	27	15,300 (80m/s)	0336346		
100 x 2 x 16	P60G	27	15,300 (80m/s)	AC010583642		
100 x 2 x 16	P80G	27	15,300 (80m/s)	0336360		
115 x 3 x 22	P36G	27	13,300 (80m/s)	XC002031349		
115 x 3 x 22	P46G	27	13,300 (80m/s)	0386979		
115 x 3 x 22	P80G	27	13,300 (80m/s)	0386995		
125 x 3 x 22	P36G	27	12,250 (80m/s)	0387001		
125 x 3 x 22	P46G	27	12,250 (80m/s)	0387019		
125 x 3 x 22	P60G	27	12,250 (80m/s)	XC002032214		
125 x 3 x 22	P80G	27	12,250 (80m/s)	XC002032222		
180 x 3.7 x 22	P36G	27	8,500 (80m/s)	0387043		
180 x 3.7 x 22	P46G	27	8,500 (80m/s)	XC002032248		
180 x 3.7 x 22	P60G	27	8,500 (80m/s)	XC002032255		

3M™ Type WA Flexible Grinding Discs

Applications:

- Suitable for use on stainless steel and mild steel.
- Fast grinding performance and quality finish for metal fabrication.

Features:

- Contains premium white aluminium oxide mineral.
- INOX and complies with AS1788 & EN12413.



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P36G	27	15,300 (80m/s)	XB002000519	Back-up Plates supplied in the box	Angle Grinder
100 x 2 x 16	P46G	27	15,300 (80m/s)	XB002005527		
100 x 2 x 16	P60G	27	15,300 (80m/s)	XB002005535		
125 x 3 x 22	P36G	27	12,250 (80m/s)	XB002005592		
125 x 3 x 22	P46G	27	12,250 (80m/s)	XB002005600		

3M™ Type A Flexible Grinding Discs

Applications:

- Post weld clean up of heavy weld splatter and residual slag.
- Great choice for general purpose metal fabrication and lighter duty grinding applications.

Features:

- Provides consistent performance and value.
- Complies with AS1788 & EN12413.



Size (mm)	Grade	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 2 x 16	P46G	27	15,300 (80m/s)	XC002057484	Back-up Plates supplied in the box	Angle Grinder
125 x 3 x 22	P36G	27	12,250 (80m/s)	XB002005717		
125 x 3 x 22	P46G	27	12,250 (80m/s)	XB002005725		

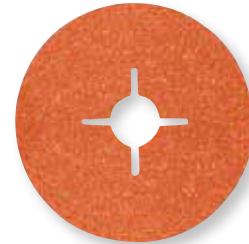
3M™ Cubitron™ II Fibre Disc 987C

Applications:

- Designed for best performance on stainless steel.
- Prep work, bevelling or weld grinding.

Features:

- Cuts faster, grinds cooler and lasts longer.
- 3M's New precision shaped premium ceramic mineral.



CUBITRON II

Size (mm)	Grade	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 16	36+	13,300	60440230054	Back-up Pad PN07312 XC003410104	Angle Grinder
100 x 16	60+	13,300	60440230062		
100 x 16	80+	13,300	60440230070		
115 x 22	36+	13,300	60440229312	Back-up Pad PN09583 XC003410039	
115 x 22	60+	13,300	60440229577		
115 x 22	80+	13,300	60440229619		
125 x 22	36+	12,000	60440229304	Back-up Pad PN09584 XC003410047	
125 x 22	60+	12,000	60440229585		
125 x 22	80+	12,000	60440229627		
180 x 22	36+	8,600	60440229296	Back-up Pad PN09921 DC272921404	
180 x 22	60+	8,600	60440229593		
180 x 22	80+	8,600	60440229635		

3M™ Cubitron™ II Fibre Disc 982C

Applications:

- Designed for best performance on mild steel.
- Prep work, bevelling or weld grinding.

Features:

- Cuts faster, grinds cooler and lasts longer.
- 3M's New precision shaped premium ceramic mineral.



CUBITRON II

Size (mm)	Grade	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 16	36+	13,300	60440230021	Back-up Pad PN07312 XC003410104	Angle Grinder
100 x 16	60+	13,300	60440230039		
100 x 16	80+	13,300	60440230047		
115 x 22	36+	13,300	60440229288	Back-up Pad PN09583 XC003410039	
115 x 22	60+	13,300	60440229353		
115 x 22	80+	13,300	60440229379		
125 x 22	36+	12,000	60440229270	Back-up Pad PN09584 XC003410047	
125 x 22	60+	12,000	60440229361		
125 x 22	80+	12,000	60440229403		
180 x 22	36+	8,600	60440229262	Back-up Pad PN09921 DC272921404	
180 x 22	60+	8,600	60440229379		
180 x 22	80+	8,600	60440229411		

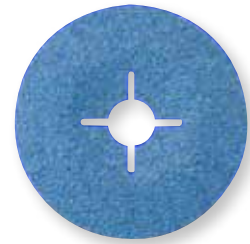
3M™ Fibre Disc 581C

Applications:

- Entry level performance for both mild and stainless steel.
- Prep work, bevelling or weld grinding.

Features:

- Contains high quality Aluminium Zirconia mineral.
- Thermo formed shape contours to 3M back up pad.



Size (mm)	Grade	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 16	P36	15,200	GC800984608	Back-up Pad PN07312 XC003410104	Angle Grinder
100 x 16	P60	15,200	GC800984681		
100 x 16	P80	15,200	GC800984723		
115 x 22	P24	13,200	GC800984574	Back-up Pad PN09583 XC003410039	
115 x 22	P36	13,200	GC800984616		
115 x 22	P120	13,200	GC800984541		
125 x 22	P24	12,000	GC800984582	Back-up Pad PN09584 XC003410047	
125 x 22	P36	12,000	GC800984632		
125 x 22	P60	12,000	GC800984707		
125 x 22	P80	12,000	GC800984749		
125 x 22	P120	12,000	GC800984558		
180 x 22	P24	8,500	GC800984590	Back-up Pad PN09921 DC272921404	
180 x 22	P36	8,500	GC800984665		
180 x 22	P60	8,500	GC800984699		
180 x 22	P80	8,500	GC800984731		
180 x 22	P120	8,500	GC800984566		

Scotch-Brite™ Clean and Strip Discs (Depressed Centre)

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust, paint and other coatings.

Features:

- Load resistant.
- Smear resistant.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
100 x 16	S XCS	Purple	Rigid	12,000	XC000777315	Angle Grinder
115 x 22	S XCS	Blue	Flexible	11,000	FN510079422	
115 x 22	S XCS	Purple	Rigid	12,000	XC000777323	
125 x 22	S XCS	Purple	Rigid	12,000	XC000777331	
180 x 22	S XCS	Purple	Rigid	8,500	XC000777349	

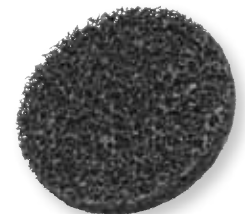
Scotch-Brite™ Coating Removal Discs (Hook and Loop)

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust and paint.

Features:

- Contains a backing that mounts to hook & loop disc pads.
- Smear resistant.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
115	S XCS	Black	Flexible	12,000	0350371	Disc Pad PN9145 0350330	Angle Grinder
178	S XCS	Black	Flexible	6,000	0350363	Disc Pad PN7394 0350355	

Scotch-Brite™ Light Grinding and Blending Disc

Applications:

- Used for light grinding and blending work in metal fabrication.
- Removal of surface burrs from the work piece.

Features:

- Durable non-woven Cubitron™ abrasive product with excellent edge wear resistance.
- Provides an aggressive cut and long life.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 16	Super Duty	Blue	11,000*	61500292497	Back-up Pad PN61677 GN030104493	Angle Grinder
100 x 16	Heavy Duty	Maroon	11,000*	61500292505		
115 x 22	Super Duty	Blue	10,000*	61500292448	Back-up Pad PN61680 DE272906186	
115 x 22	Heavy Duty	Maroon	10,000*	61500292455		
125 x 22	Super Duty	Blue	10,000*	61500292489	Back-up Pad PN61668 DE272906178	
125 x 22	Heavy Duty	Maroon	10,000*	61500292539		
178 x 22	Super Duty	Blue	6,000*	61500292596	Back-up Pad PN61662 GN030106126	
178 x 22	Heavy Duty	Maroon	6,000*	61500292562		

*Able to run at higher MOS's when used with 3M™ Fibre Disc Back-up Pads

Scotch-Brite™ Surface Conditioning Disc

Applications:

- Used for cleaning, finishing, blending and deburring applications.
- Can be used to create decorative finishes on metal.

Features:

- Industry leader for surface conditioning applications.
- Available in multiple grades to cover most applications.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 16	A CRS	Brown	15,200	61500291473	Back-up Pad PN61677 GN030104493	Angle Grinder
100 x 16	A MED	Maroon	15,200	61500291465		
100 x 16	A VFN	Blue	15,200	61500291457		
100 x 16	S SFN	Grey	15,200	61500291879	Back-up Pad PN61680 DE272906186	
115 x 22	A CRS	Brown	13,200	61500291804		
115 x 22	A MED	Maroon	13,200	61500291796		
115 x 22	A VFN	Blue	13,200	61500291481	Back-up Pad PN61668 DE272906178	
115 x 22	S SFN	Grey	13,200	61500291887		
125 x 22	A CRS	Brown	12,200	61500291838		
125 x 22	A MED	Maroon	12,200	61500291820	Back-up Pad PN61662 GN030106126	
125 x 22	A VFN	Blue	12,200	61500291812		
125 x 22	S SFN	Grey	12,200	61500291895		
178 x 22	A CRS	Brown	8,500	61500291853		
178 x 22	A MED	Maroon	8,500	61500291507		
178 x 22	A VFN	Blue	8,500	61500291846		
178 x 22	S SFN	Grey	8,500	61500291903		



3M™ Hookit™ & Stikit™ Products for Random Orbital Sanders

3M™ Paper Discs	Mineral Type	Backing	Application				Substrate									
			Paint Removal	Blending & Feather Edging	Primer Sanding	Finishing	Gel Coat	Composites	Solid Surface	E-Coat	Primer/Paint Prep	Wood	Aluminium	Carbon Steel	Non-Ferrous (Brass/Bronze)	
Best 745I	Ceramic Blend	E Weight Paper	•	•			•	•		•	•	•	•	•	•	•
Best 734U	Ceramic Blend	C Weight Paper	•	•	•	•	•	•		•	•	•	•	•	•	•
Best 334U	Ceramic Blend	C Weight Paper		•	•	•	•	•		•	•	•	•	•	•	•
Best Green Corps	Ceramic Blend	E Weight Paper	•	•			•	•		•	•	•	•	•	•	•
Better 245	Aluminium Oxide	E Weight Paper	•	•			•	•		•	•	•	•	•	•	•
Better 255P+	Aluminium Oxide	C Weight Paper		•	•	•	•	•		•	•	•	•	•	•	•
Better 236U	Aluminium Oxide	C Weight Paper		•	•	•	•	•	•	•		•	•	•	•	•
Good 338U	Aluminium Oxide	C Weight Paper		•	•	•	•	•		•	•	•	•	•	•	•
3M™ Film Discs																
Best 366L	Aluminium Oxide	Film		•		•	•	•	•			•	•	•	•	•
Better 260L	Aluminium Oxide	Film		•		•	•	•	•			•	•	•	•	•

3M™ Random Orbital Sanders

- Experience the power of a complete finishing system by combining the 3M™ abrasives and accessories you've always trusted with the new line of 3M™ Tools, specifically designed to help get the job done more efficiently.
- 3M™ Air-Powered Random Orbital Sanders give you the power to maximize sanding performance for a smooth surface finish and minimize operational obstacles. Tools are packed with the horsepower to perform the way you need.
- Available in self generating vacuum, central vacuum and non vacuum variations.

The power lever on each sander is coded to indicate the orbit size of the sander



5mm Diameter Orbit
for general purpose
sanding



2.5mm Diameter Orbit
for finer finish sanding



3M™ Hookit™ Purple Paper Disc - Clean Sand

Applications:

- Light weight discs for sanding primer, paint, metals and solid surface materials.
- Can be used for final sanding of plastic filler and putty.

Features:

- Disc with precise hole design for improved life and dust extraction. Use for rough featheredging.
- 3M's fastest cutting, longest lasting abrasive for saving labour costs and improving quality.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
75	P80	Clean Sand	745I	60455052617	Back-up Pad PN20350 60440127227 Interface Pad PN05771 60455037782	Orbital Sander #20316 XN004216034
75	P120	Clean Sand	734U	60455036917		
75	P180	Clean Sand	734U	60455036933		
75	P240	Clean Sand	334U	60455036958		
75	P320	Clean Sand	334U	60455036974		
75	P400	Clean Sand	334U	60455036982		
75	P500	Clean Sand	334U	60455036990		
75	P600	Clean Sand	334U	60455047351	Back-up Pad PN05865 60455031009 Interface Pad PN50544 DC272923988	SGV Orbit Sander PN20464 XA100000513 CV Orbit Sander PN20463 XA100000505
150	P80	Clean Sand	745I	XA004181989		
150	P120	Clean Sand	734U	XA004114741		
150	P150	Clean Sand	734U	XA004114733		
150	P180	Clean Sand	734U	XA004114725	Back-up Pad PN20465 60440128324 Interface Pad PN50544 DC272923988	SGV Orbit Sander PN20462 XN004216505 CV Orbit Sander PN20461 XN004216497
150	P220	Clean Sand	334U	XA004114717		
150	P240	Clean Sand	334U	XA004114709		
150	P320	Clean Sand	334U	XA004114683		
150	P400	Clean Sand	334U	XA004114675		
150	P500	Clean Sand	334U	XA004114667		
150	P600	Clean Sand	334U	60455047401		
150	P800	Clean Sand	334U	60455047393		

3M™ Hookit™ Gold Paper Disc - Clean Sand

Applications:

- A good, general purpose aluminium oxide disc for sanding paint, primer, wood, metal, plastic and fibreglass.
- Works well where a heavier, more durable paper backing is required.

Features:

- An aluminium oxide Hookit™ disc with precise hole design for improved dust extraction.
- Constructed on a C weight, intermediate paper backing.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
75	P120	Clean Sand	236U	60440140782	Back-up Pad PN20350 60440127227	Orbital Sander PN20316 XN004216034
75	P180	Clean Sand	236U	60440140840		
150	P80	Clean Sand	236U	60440140162	Back-up Pad PN20465 60440128324	SGV Orbit Sander PN20464 XA100000513 CV Orbit Sander PN20463 XA100000505
150	P100	Clean Sand	236U	60440140170		
150	P120	Clean Sand	236U	60440140188		
150	P150	Clean Sand	236U	60440140196		
150	P180	Clean Sand	236U	60440140204		
150	P220	Clean Sand	236U	60440140212	Back-up Pad PN20465 60440128324	SGV Orbit Sander PN20462 XN004216505
150	P240	Clean Sand	236U	60440140220		
150	P320	Clean Sand	236U	60440140238		
150	P400	Clean Sand	236U	60440140246	Interface Pad PN05777 60455031264	CV Orbit Sander PN20461 XN004216497
150	P500	Clean Sand	236U	60440140253		

3M™ Hookit™ Green Paper Disc (With Dust Extraction)

Applications:

- Used for stripping paint to metal shaping and sanding plastic filler.
- Preliminary and intermediate sanding of hard and soft woods, plastics and metal surfaces.

Features:

- Heavy weight paper for more aggressive sanding applications.
- Open coat construction reduces loading on fresh filler.

Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	36	6 Hole	Green Corps	60455031710	Back-up Pad PN05865 60455031009	SGV Orbit Sander PN20462 XN004216505 CV Orbit Sander PN20461 XN004216497
150	40	7 Hole	245	GC800973189		
150	60	7 Hole	245	GC800973171		
150	80	6 Hole	Green Corps	60455031694		
150	80	7 Hole	245	GC800973163		
203	36	8 Hole	Green Corps	60650014529	-	Orbital Sanders
203	40	8 Hole	245	GC800449396		
203	80	8 Hole	Green Corps	60650014495		



3M™ Hookit™ Gold Paper Disc (With Dust Extraction)

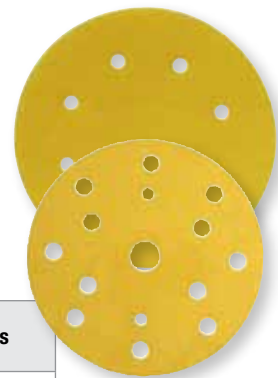
Applications:

- Anti loading benefits, particularly with fine grades on difficult to sand top coats and primers.
- Intermediate and final sanding of furniture parts, varnished surfaces, kitchen counter-tops, plastic parts.

Features:

- 255P+ 15-hole Discs and Pads achieve a better cut, with less loading and a reduction in airborne dust.
- 15-hole configuration provides improved dust extraction.

Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P80	15 Hole	255P+	GC801010254	Back-up Pad PN05865 60455031009	SGV Orbit Sander PN20464 XA100000513 CV Orbit Sander PN20463 XA100000505
150	P100	15 Hole	255P+	GC801010262		
150	P120	15 Hole	255P+	GC801010270		
150	P150	15 Hole	255P+	GC801010288		
150	P180	15 Hole	255P+	GC801010304		
150	P220	15 Hole	255P+	GC801010296	Back-up Pad PN05865 60455031009	SGV Orbit Sander PN20462 XN004216505
150	P240	15 Hole	255P+	GC801010312		
150	P320	15 Hole	255P+	GC801010338	Interface Pad PN05777 60455031264	CV Orbit Sander PN20461 XN004216497
150	P400	15 Hole	255P+	GC801010353		
150	P500	15 Hole	255P+	GC801010247		
203	P120	8 Hole	255P+	GC800487867	-	Orbital Sanders
203	P180	8 Hole	255P+	GC800487842		
203	P320	8 Hole	255P+	GC800487966		



3M™ Hookit™ Paper Disc (With Dust Extraction)

Applications:

- Ideal for intermediate and final sanding on lacquered hard and soft woods, paints lacquers, primers, solid surface materials and plastics.

Features:

- C weight paper disc with Hookit(TM) attachment for orbital sanders and off hand sanding.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P80	7 Hole	338U	GC801032308	Back-up Pad PN05865 60455031009	SGV Orbit Sander PN20464 XA100000513 CV Orbit Sander PN20463 XA100000505
150	P120	7 Hole	338U	GC801032316		
150	P150	7 Hole	338U	GC801032324		
150	P180	7 Hole	338U	GC801032332		
150	P240	7 Hole	338U	GC801032357	Back-up Pad PN05865 60455031009	SGV Orbit Sander PN20462 XN004216505
150	P320	7 Hole	338U	GC801032373		
150	P400	7 Hole	338U	GC801032399	Interface Pad PN05777 60455031264	CV Orbit Sander PN20461 XN004216497
150	P500	7 Hole	338U	GC801032407		
150	P600	7 Hole	338U	GC801032415		

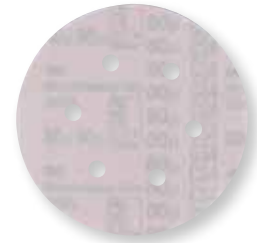
3M™ Hookit™ Microfinishing Film Discs (With Dust Extraction)

Applications:

- Use on plastic, fibreglass, wood, metal, solid-surface composites.

Features:

- Precision, micron-graded, resin-bonded, polyester film backing that creates aggressive cut with uniform finish.
- The load resistant coating provides greater efficiency and longer product life.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	15 MIC	6 Hole	366L	AC019165524	Back-up Pad PN20465 60440128324	SGV Orbit Sander PN20462 XN004216505
150	20 MIC	6 Hole	366L	AC019205189		
150	30 MIC	6 Hole	366L	60200006298	Interface Pad PN05777 60455031264	CV Orbit Sander PN20461 XN004216497

3M™ Hookit™ Finishing Film Discs (With Dust Extraction)

Applications:

- For Primer sanding and top coat defect removal.
- Designed for use in scuff sanding before painting, as well as to remove runs, dust nibs and excess orange peel from paint and gelcoat prior to compounding.

Features:

- Features a load resistant coating.
- Resin bonded for heat resistance.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P600	7 Hole	260L	GC800989730	Back-up Pad PN20465 60440128324	SGV Orbit Sander PN20462 XN004216505
150	P800	7 Hole	260L	GC800989748		
150	P1200	7 Hole	260L	GC800989631	Interface Pad PN05777 60455031264	CV Orbit Sander PN20461 XN004216497
150	P1500	7 Hole	260L	GC800989649		

3M™ Hookit™ Finishing Film Discs (No Dust Extraction)

Applications:

- For Primer sanding and top coat defect removal.
- Designed for use in scuff sanding before painting, as well as to remove runs, dust nibs, and excess orange peel from paint and gelcoat prior to compounding.

Features:

- Features a load resistant coating.
- Resin bonded for heat resistance.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
75	P600	No Holes	260L	60650034873	Back-up Pad PN07389 60980016442	Orbital Sander PN20314 XN004216018
75	P800	No Holes	260L	60455047351		
75	P1200	No Holes	260L	60650034840		
75	P1500	No Holes	260L	60650034832		

3M™ Hookit™ Green Paper Disc (No Dust Extraction)

Applications:

- Used for stripping paint to metal shaping and sanding plastic filler.
- Hard wearing, heavy backed for coarse sanding applications.

Features:

- Heavy weight paper for more aggressive sanding applications.
- Open coat construction reduces loading on fresh filler.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	36	No Holes	Green Corps	60650011780	Back-up Pad PN07389 60980016442	Orbital Sander PN20460 XN004212926
150	40	No Holes	Green Corps	60650011772		

3M™ Hookit™ Gold Paper Disc (No Dust Extraction)

Applications:

- Use for intermediate to fine finishing on all materials.
- Anti loading benefits, particularly with fine grades on difficult to sand top coats and primers.

Features:

- Constructed on a durable C weight paper backing with an Aluminium Oxide mineral and load resistant coating.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P80	No Holes	255P+	GC800504828	Back-up Pad PN07389 60980016442	Orbital Sander PN20460 XN004212926
150	P120	No Holes	255P+	GC800504802		
150	P150	No Holes	255P+	GC800504794		
150	P180	No Holes	255P+	GC800504786		
150	P240	No Holes	255P+	GC800504760		
150	P320	No Holes	255P+	GC800504745		
150	P400	No Holes	255P+	GC800504729		
150	P500	No Holes	255P+	GC800504711		

3M™ Stikit™ Gold Film Discs (No Dust Extraction)

Applications:

- Used for shaping plastic filler and removing paint around damaged areas.

Features:

- Anti-loading stearate treatment and open coat for more aggressive cutting.
- 3M™ Stikit™ Gold Film Disc constructed on a tear-resistant, flexible film backing.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P120	No Holes	255L	60010025694	Back-up Pad PN05576 60980009264	Orbital Sander PN20460 XN004212926
150	P180	No Holes	255L	60010025553		
150	P240	No Holes	255L	60010025652		
150	P400	No Holes	255L	60010025611		

3M™ Stikit™ Green Paper Discs (No Dust Extraction)

Applications:

- Used for stripping paint to metal shaping and sanding plastic filler.
- Preliminary and intermediate sanding of hard and soft woods, plastics and metal surfaces.

Features:

- Heavy weight paper for more aggressive sanding applications.
- Stikit™ attachment system. Each disc has an individual liner.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	36	No Holes	251U	60650003746	Back-up Pad PN05576 60980009264	Orbital Sander PN20460 XN004212926
203	36	No Holes	251U	60650003779	Back-up Pad PN05712 0168690	Orbital Sanders

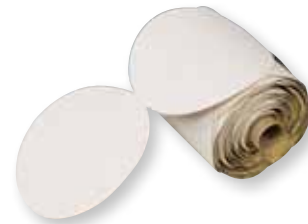
3M™ Stikit™ Paper Discs (No Dust Extraction)

Applications:

- Use for fine finishing on all materials.
- Ideal for intermediate and final sanding on lacquered hard and soft woods, paints lacquers, primers, solid surface materials and plastics.

Features:

- A high performance Aluminium Oxide on a light , incorporating Fre-Cut™ Anti-Loading Coating which extends its working life.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Recommended Tools
150	P80	No Holes	338U	GC801027860	Back-up Pad PN05576 60980009264	Orbital Sander PN20460 XN004212926
150	P100	No Holes	338U	GC801027878		
150	P120	No Holes	338U	GC801027886		
150	P150	No Holes	338U	GC801027894		
150	P180	No Holes	338U	GC801027902		
150	P240	No Holes	338U	GC801027928		
150	P320	No Holes	338U	GC801027936		



3M™ & Scotch-Brite™ Hand Sanding

					Application			
					Blending	Deburring	Finishing	Cleaning
3M™ Sheets, Blocks & Sponges	Mineral	Maintenance	Paint Prep					
Best	740I/745I (Sheets)	Ceramic Blend		•	•		•	
Best	734U/334U (Sheets)	Ceramic Blend		•	•		•	
Better	245/255P+ (Sheets)	Aluminium Oxide		•	•		•	
Best	734 (Sheets)	Silicon Carbide	•	•			•	
Best	314 (Sheets)	Aluminium Oxide		•			•	
Better	216U (Foam Backed Sheets)	Aluminium Oxide		•	•		•	
Better	Sanding Blocks	Aluminium Oxide	•				•	
Better	Hi-Flex Sanding Sponges	Aluminium Oxide	•				•	
Best	Soft Back Sanding Sponges	Aluminium Oxide		•			•	
Scotch-Brite™ Sheets and Rolls								
Best	7440 (Hand Pad)	Aluminium Oxide	•		•	•	•	
Better	7446 (Hand Pad)	Aluminium Oxide	•		•	•	•	
Better	7447 (Hand Pad)	Aluminium Oxide	•	•	•	•		•
Better	8447 (Perforated Hand Pad)	Aluminium Oxide	•	•	•	•		•
Best	7448 (Hand Pad)	Silicon Carbide		•	•	•	•	
Better	449 (Hand Pad)	Talc	•	•				•
Best	Multi-flex (Perforated Roll)	Aluminium Oxide and Silicone Carbide		•	•		•	•
Best	Cut & Polish (Roll)	Aluminium Oxide	•		•	•	•	•
Better	Clean & Finish (Roll)	Aluminium Oxide and Silicone Carbide	•		•	•	•	•

New Clean Sanding Sheets from 3M

3M™ Hookit™ Clean Sand Abrasive Sheet Rolls use proven abrasive technology that enables customers to increase profitability by:

- Working to an efficient process
- Reducing material consumption



Match the product with the right tools!

The new range of accessories have been ergonomically designed to offer the most comfortable lightweight solution for every application.

Each tool features an adjustable air valve to help optimise dust extraction.



3M™ Gold Paper Sheets

Applications:

- Use for fine finishing on timber, primers and painted surfaces.

Features:

- A high performance aluminium oxide mineral on a C weight paper backing.
- An anti loading treatment has been applied to extend the working life of the product.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools
230 x 280	P80	No Holes	255P	GC800708015	Sanding Block PN05519 0376228	Orbital Sheet Sanders
230 x 280	P100	No Holes	255P	GC800731827		
230 x 280	P120	No Holes	255P	GC800731777		
230 x 280	P150	No Holes	255P	GC801023778		
230 x 280	P180	No Holes	255P	GC801023786		
230 x 280	P220	No Holes	255P	GC801023794		
230 x 280	P240	No Holes	255P	GC801023802		
230 x 280	P280	No Holes	255P	GC801023810		
230 x 280	P320	No Holes	255P	GC801023828		
230 x 280	P400	No Holes	255P	GC801023844		

3M™ Wetordry™ Paper Sheets

Applications:

- Flexible and conformable water resistant paper backing for easier handling.

Features:

- Sharp, abrasive Silicone Carbide mineral ensures long product life and good surface quality.
- Use wet or dry.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools
230 x 280	P80	No Holes	734	GC800316512	Sanding Block PN05519 0376228	Orbital Sheet Sanders
230 x 280	P120	No Holes	734	GC800316496		
230 x 280	P180	No Holes	734	GC800316470		
230 x 280	P220	No Holes	734	GC074316016		
230 x 280	P240	No Holes	734	GC074317014		
230 x 280	P280	No Holes	734	GC074318012		
230 x 280	P320	No Holes	734	GC074319010		
230 x 280	P400	No Holes	734	GC074324010		
230 x 280	P600	No Holes	734	GC074326015		
230 x 280	P800	No Holes	734	GC074327013		
230 x 280	P1000	No Holes	734	GC074390011		
230 x 280	P1200	No Holes	734	GC074391019		

3M™ Wetordry™ Paper Sheets

Applications:

- Sanding hard primer coats, especially on two-pack acrylic lacquers.
- Filler-coated surfaces and/or intermediate lacquer coats prior to final lacquering.

Features:

- High performance aluminium oxide paper
- Water-resistant flexible backing.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools
230 x 280	P240	No Holes	314	GC223140168	Sanding Block PN05519 0376228	Orbital Sheet Sanders
230 x 280	P320	No Holes	314	GC223140143		
230 x 280	P400	No Holes	314	GC223140127		
230 x 280	P600	No Holes	314	GC223140101		
230 x 280	P800	No Holes	314	GC223140093		
230 x 280	P1200	No Holes	314	GC223140077		

3M™ Hookit™ Purple Paper Sheet Rolls (Clean Sand)

Applications:

- Used for filler shaping, feather edging and primer sanding applications.

Features:

- Perforated sheet roll - easily snap desired sheet size for hand and file applications.
- Single product for both dust-free and non-dust-free sanding.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools	
70 x 8M	P40	Clean Sand	740I	60455053094	Hookit™ Blocks PN05207 60455053110 PN05208 60455053144 PN05209 60455053136	Orbital Sheet Sanders	
70 x 12M	P80	Clean Sand	745I	60455053078			
70 x 8M	P120	Clean Sand	734U	60455053052			
70 x 12M	P180	Clean Sand	734U	60455053037			
70 x 12M	P240	Clean Sand	334U	60455053011			
70 x 12M	P320	Clean Sand	334U	60455052997			
70 x 12M	P400	Clean Sand	334U	60455052989			
115 x 8M	P40	Clean Sand	740I	60455053813			
115 x 12M	P80	Clean Sand	741I	60455053839			
115 x 12M	P120	Clean Sand	734U	60455053854			Hookit™ Block PN05216 60455053227
115 x 12M	P180	Clean Sand	734U	60455053870			
115 x 12M	P240	Clean Sand	334U	60455053896			
115 x 12M	P320	Clean Sand	334U	60455053912			
115 x 12M	P400	Clean Sand	334U	60455053920			

3M™ Hookit™ Gold Paper Sheets (With Dust Extraction)

Applications:

- A good, general purpose option for sanding paint, primer, wood, metal, plastic and fibreglass.
- Works well where a heavier, more durable paper backing is required.

Features:

- Constructed on a C weight, intermediate paper backing.
- Premium Aluminium Oxide mineral with a load resistant coating.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools
70 X 127	P80	8 Hole	255P	0372458	Hookit™ Block PN05207 60445053110	Orbital Sheet Sanders
70 X 127	P120	8 Hole	255P	0372466		
70 X 127	P240	8 Hole	255P	GC800454636		
70 x 419	P80	14 Hole	255P	GC800454719	Hookit™ Block PN05209 60455053144	
70 x 419	P120	14 Hole	255P	0372607		
70 x 419	P180	14 Hole	255P	GC800454693		
70 x 419	P240	14 Hole	255P	GC800494541	-	
81 x 153	P80	8 Hole	255P	GC800454784		
81 x 153	P120	8 Hole	255P	0394445		
81 x 153	P240	8 Hole	255P	0394452	Hookit™ Block PN05216 60455053227	
115 x 225	P80	10 Hole	255P	0363069		
115 x 225	P120	10 Hole	255P	0363085		
115 x 225	P180	10 Hole	255P	0363101		
115 x 225	P240	10 Hole	255P	GC800497585		
115 x 225	P320	10 Hole	255P	0363135		
115 x 225	P400	10 Hole	255P	GC800512268		

3M™ Gold Paper Roll

Applications:

- Suitable for sanding timber, fillers, lacquers, paint and metal surfaces.
- Roll form allows for user to make custom length sheets for various tools and custom made hand sanding blocks

Features:

- Premium Aluminium Oxide mineral on durable C-weight paper sheets.
- Incorporates a load resistant coating which extends work life.



Size (mm)	Grade	Dust Pattern	Product	Order ID	Optional Tools
70 x 50M	P40	No Holes	255P	0394239	Orbital Sheet Sanders
70 x 50M	P80	No Holes	255P	0391946	
70 x 50M	P120	No Holes	255P	GC800745835	
115 x 50M	P40	No Holes	255P	0394254	
115 x 50M	P60	No Holes	255P	GC801024040	
115 x 50M	P80	No Holes	255P	0391680	
115 x 50M	P120	No Holes	255P	0319706	
115 x 50M	P150	No Holes	255P	GC801023943	
115 x 50M	P180	No Holes	255P	GC801023950	
115 x 50M	P240	No Holes	255P	GC801023976	
115 x 50M	P320	No Holes	255P	GC801023992	

3M™ Hookit™ Gold Paper Roll

Applications:

- Suitable for sanding timber, fillers, lacquers, paint and metal surfaces, and is effective on hand sanding blocks.

Features:

- Hookit™ material with a premium Aluminium Oxide mineral on durable C-weight paper sheets.
- Incorporates a load resistant coating which extends work life.

Size (mm)	Grade	Dust Pattern	Product	Order ID	Recommended Accessories	Optional Tools
70 x 25M	P40	No Holes	245	GC800738442	Flexible Board PN83978 60980021558 Rigid Board PN09082 60430050546	Orbital Sheet Sanders
70 x 25M	P60	No Holes	255P	GC800736263		
70 x 25M	P80	No Holes	255P	GC800738467		
70 x 25M	P120	No Holes	255P	GC800738400		
70 x 25M	P240	No Holes	255P	GC800966365		
115 x 25M	P40	No Holes	245	GC800633866		
115 x 25M	P60	No Holes	255P	GC800594860		
115 x 25M	P80	No Holes	255P	AC010574310		
115 x 25M	P120	No Holes	255P	AC010574328		
115 x 25M	P150	No Holes	255P	GC800966449		
115 x 25M	P180	No Holes	255P	GC800966431		
115 x 25M	P240	No Holes	255P	GC800966423		
115 x 25M	P320	No Holes	255P	GC800966415		

3M™ Gold Soft Hand Rolls

Applications:

- Performs well on most wood types.
- Ideal for difficult to sand areas.

Features:

- Combination of an A weight paper and flexible foam backing to create a soft sanding sheet for hand finishing.
- Each sheet (114 x 135mm) is dispensed from a perforated roll.

Size (mm)	Grade	Dust Pattern	Product	Order ID
114 x 25M	P180	No Holes	216U	GC801005445
114 x 25M	P240	No Holes	216U	GC801005460
114 x 25M	P320	No Holes	216U	GC801005486
114 x 25M	P400	No Holes	216U	GC801005502
114 x 25M	P500	No Holes	216U	GC801005510
114 x 25M	P600	No Holes	216U	GC801005528
114 x 25M	P800	No Holes	216U	GC801005536



3M™ Sanding Block

Applications:

- Ideal for dry or wet sanding of wood, paint, metal, plastic and fibre cement.
- Rinse and reuse.

Features:

- Abrasive on all four sides.
- Conformable so you can get into tough to reach spots.

Size (mm)	Grade	Product	Order ID
96 x 66 x 25	Coarse	03803	XC003400949
96 x 66 x 25	Medium	03802	DC272924325
96 x 66 x 25	Fine	03801	DC272924317



3M™ Hi-Flex Sanding Sponges

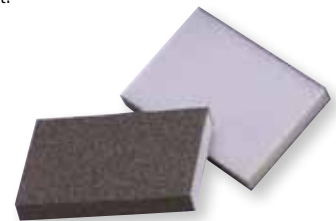
Applications:

- Conformable, flexible and convenient sponges are great for sanding wood, paint, metal, plastic and fibre cement.
- Can be used for either dry or wet sanding rinse and reuse.

Features:

- Abrasive on three sides
- Conformable, extremely flexible and convenient.

Size (mm)	Grade	Product	Order ID
96 x 123 x 12	Medium	03805	DC272921198
96 x 123 x 12	Fine	03804	DC272924366



3M™ Soft Back Sanding Sponges

Applications:

- A perfect solution for sanding wood, paint, metal, plastic and fibre cement.
- Can be used for either dry or wet sanding.

Features:

- Engineered with abrasive on one side.
- Conformable, extremely flexible and convenient.

Size (mm)	Grade	Product	Order ID
115 x 140 x 5	Medium	03808	XC003406367
115 x 140 x 5	Fine	03809	XC003406375
115 x 140 x 5	Super Fine	03810	XC003406383
115 x 140 x 5	Ultra Fine	02601	FC110027453
115 x 140 x 5	Micro Fine	02600	FC110027446



Scotch-Brite™ Multi-Flex Abrasive Sheet Rolls

Applications:

- 7521 is a highly conformable abrasive with high cut for paint preparation and wood finishes without dumping edges.
- 7522 is a highly conformable abrasive with silicon carbide mineral for exceptional finishes on wood and metal.

Features:

- Can be used wet or dry, will not rust or clog.
- Highly conformable and load resistant.

Size (mm)	Grade	Type	Colour	Order ID
100 x 200 x 60 sheets	A VFN	7521	Maroon	61500129244
100 x 200 x 60 sheets	S ULF	7522	Light Grey	61500134426



Scotch-Brite™ Clean and Finish Rolls

Applications:

- Touch up work on brushed stainless steel and aluminium or matt finishing on metals, plastic timber and lacquers.
- Can be cut to desired length for hand sanding or oscillating sanders.

Features:

- Can be used wet or dry, will not rust or clog.
- Custom widths available on request.



Size (mm)	Grade	Colour	Order ID	Equivalent Hand Pad	Optional Accessory
115 x 10M	A VFN	Maroon	AC019230260	8447, 7447	Hand Block PN952 0274399
115 x 9.1M	S ULF	Light Grey	0407049	7448	

Scotch-Brite™ Cut and Polish Rolls

Applications:

- Touch up work on brushed stainless steel and aluminium or matt finishing on metals, plastic timber and lacquers.

Features:

- Can be used wet or dry, will not rust or clog.
- Custom widths available on request.



Size (mm)	Grade	Colour	Order ID	Equivalent Hand Pad	Optional Accessory
25 x 9M	A MED	Tan	0265272	7440	Mandrel PN935 61988809358

Scotch-Brite™ Heavy Duty Hand Pad 7440

Applications:

- Cuts fast to remove contaminants and oxides in the most demanding cleaning and finishing applications.
- Most durable and aggressive pad for quick stock removal.

Features:

- Can be used wet or dry, will not rust or clog.
- Consistent surface finishing.



Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	A MED	7440	Tan	61500123205	Cut and Polish A MED	Hand Block PN952 0274399

Scotch-Brite™ Blending Hand Pad 7446

Applications:

- Specially designed for hand blending and finishing stainless steel.
- Mineral coarseness blends surface scratches on many metals, wood and synthetic surfaces.

Features:

- Can be used wet or dry, will not rust or clog.
- Consistent surface finishing.



Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	S MED	7446	Grey	61500295508	N/A	Hand Block PN952 0274399

Scotch-Brite™ Production Hand Pad 8447

Applications:

- High cut for paint preparation, blending and scuffing.
- Long life performance on aluminium, stainless steel, plastics, wood and fibreglass.

Features:

- Can be used wet or dry, will not rust or clog.
- Full pad is perforated, allowing the pad to be split in two.



Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	A VFN	8447	Maroon	61500136686	Clean and Finish A VFN	Hand Block PN952 0274399

Scotch-Brite™ General Purpose Hand Pad 7447

Applications:

- Clean, blend, finish and deburr faster, easier and with better results than conventional abrasives.
- Long life performance on aluminium, stainless steel, plastics, wood and fibreglass.

Features:

- Can be used wet or dry, will not rust or clog.
- The most versatile pad in the 3M range.



Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	A VFN	7447	Maroon	61500123239	Clean and Finish A VFN	Hand Block PN952 0274399

Scotch-Brite™ Ultra Fine Hand Pad 7448

Applications:

- Ultra fine consistent finishes on metals, woods, plastics, composites and clear coats.
- Long life performance on aluminium, stainless steel, plastics, wood and fibreglass.

Features:

- Can be used wet or dry, will not rust or clog.
- Consistent surface finishing.



Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	S ULF	7448	Light Grey	61500123247	Clean and Finish S ULF	Hand Block PN952 0274399

Scotch-Brite™ Cleaning Pad 449

Applications:

- Very mild abrasive for gentle, yet thorough cleaning.

Features:

- Can be used wet or dry, will not rust or clog.
- Consistent surface finishing.



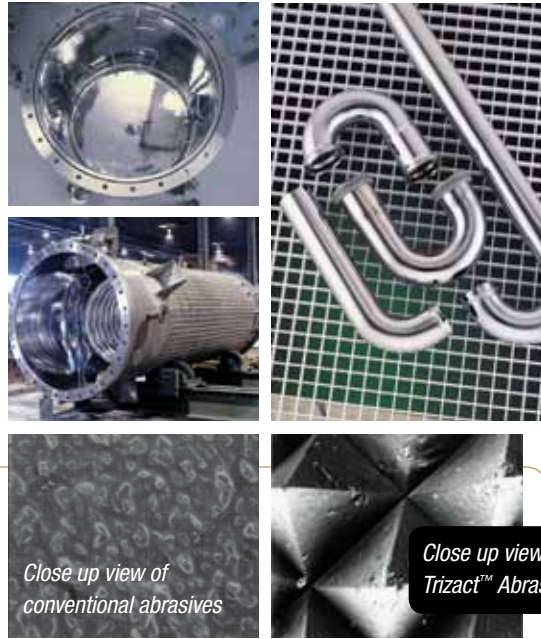
Size (mm)	Grade	Type	Colour	Order ID	Equivalent Roll Material	Optional Accessory
150 x 230	Delicate	449	White	WN200031550	N/A	Hand Block PN952 0274399

3M™ Trizact™ Abrasives

Determined to provide the ultimate solution for precision finishing work, 3M™ Trizact™ abrasives allow you to say goodbye to erratic, inconsistent finishes generated by conventional coated abrasives.

The unique microreplicated construction of 3M™ Trizact™ Abrasives can deliver:

- Consistent, predictable finishes
- Higher, more even rates of cut
- Cooler finishing temperatures
- Reduced processing steps



How is 3M™ Trizact™ different?



Conventional abrasives start out sharp, but they dull quickly. These randomly arranged minerals, wear and finish unevenly.

3M™ Trizact™ Abrasives have three-dimensional structures containing multiple layers of abrasive mineral. As these pyramid-like structures wear, fresh, sharp mineral is exposed. This creates consistent performance and eliminates belt-to-belt variation.



This technology is used in:

3M™ Trizact™ Cloth Belts 237AA

Ideal for fine metal finishing, including high precision and cosmetic or visual finishing. Suitable for stainless steel, mild steel, tool steels, cobalt, nickel alloys and titanium.

> See page 33



Scotch-Brite™ Surface Conditioning Products

The advantages of using genuine Scotch-Brite™ have been experienced by industries around the world for more than 50 years. 3M combines abrasive mineral with its non woven technology to create products that produce consistently uniform finishes to a work piece with minimal stock removal.

This three-dimensional, open structured material can deliver:

- Consistent, predictable finishes free from burrs
- Reduced risk of warping or discolouring because of lower heat generation
- Longer product life because of reduced loading
- Reduced risk of undercutting



Use Scotch-Brite™ Surface Conditioning Belts to achieve your desired finish on stainless steel

#3 Finish - A Coarse

#4 Finish - A Medium

#5 Finish - A Very Fine - S Super Fine

This technology is used in:

Scotch-Brite™ Surface Conditioning Belts

Used for a wide range of applications including decorative finishing, grindline conditioning, and blending on a variety of metals. The durable reinforced nylon and abrasive belts allow controlled cut to eliminate gouging, run cool and leave burr free finishes. Suitable for stainless steel, mild steel, tool steels, cobalt, nickel alloys and titanium.

> See page 34



3M™ & Scotch-Brite™ Belts



		Equipment					Application					Substrate							
		File Belt	Portable Tools	Backstand Grinders	Linishers	Wide Belts	Edge Sanding	Grinding	Deburring	Blending	Finishing	Coating Removal	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
3M Belts																			
Best	3M™ Cubitron™ II Cloth Belt 984F	•		•				•	•	•			•		•	•	•	•	
Better	3M™ Cloth Belt 577F	•		•		•		•	•	•		•						•	
Good	3M™ Cloth Belt 351A		•		•	•	•		•	•	•	•	•	•	•	•		•	•
Best	3M™ Cloth Belt 237AA	•	•	•	•	•	•		•		•		•		•	•		•	
Scotch-Brite™ Belts																			
Best	Scotch-Brite™ Surface Conditioning	•	•		•				•	•	•	•	•	•	•	•	•	•	•

Grade Availability Chart

	P36	P40	P60	P80	P100	P120	P150	P180		P220	P240		P280	P320	P360	P600	P800	P1000		P1200	P2000	
984F	36+		60+	80+																		
577F	36	40	60	80		120																
351A		P40	P60	P80		P120		P180			P240			P320								
237AA						A160		A100			A80	A65			A45	A30					A16	A6
Scotch-Brite™ Surface Conditioning						A CRS	A MED								A VFN						S SFN	

Belt Speed Recommendations

3M provides a broad range of products for your abrasive belt needs with each product offering best-in-class performance! To help you get the most out of your 3M abrasives belts, we have provided the recommended speeds at which you should be running your belts.

Coated Abrasive Speed Recommendations for Off-Hand Applications

(SFPM = Surface Feet Per Minute)

Alloy	Belt Speed (SFPM)	Applicable Belt Grades
Cast Iron	7,000	24-120
Carbon Steel	6,500	24-120
Stainless Steel	6,500-7,000	36-120
Nickel Alloys	6,000	36-120
Titanium	2,500-3,000	36-180
Aluminium	7,500-8,500	24-120
	6,500-7,000	Finer grades
Brass	7,000-8,000	36-180

Scotch-Brite™ Belts Application Speed Recommendations

(SFPM = Surface Feet Per Minute)

Application	Belt Speed (SFPM)
Decorative Finishing	500-3,000
Deburring	5,000-6,500
Cleaning & Conditioning	2,000-5,000
Oxide Removal	4,500-6,500

Maximum Operating Speed: 6,500 SFPM

3M™ Cubitron™ II Cloth Belts 984F

Applications:

- Suitable for grinding, blending, finishing and deburring applications on virtually all metal types.
- Ideal for stainless steel, mild steel, aluminium and titanium.

Features:

- Grinds Faster, Lasts Longer, Cuts Cooler.
- Combining a patented, precision shaped Ceramic grain and a manufacturing process that makes each mineral point toward the work piece.

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
10 x 330	36+	Ceramic	XC002065982	File and Portable Belts
10 x 330	60+	Ceramic	XC002066154	
10 x 330	80+	Ceramic	XC002066329	
12 x 457	36+	Ceramic	XC002065990	
12 x 457	60+	Ceramic	XC002066162	
12 x 457	80+	Ceramic	XC002066337	
20 x 457	36+	Ceramic	XC002066006	
20 x 457	60+	Ceramic	XC002066170	
20 x 457	80+	Ceramic	XC002066345	
20 x 520	36+	Ceramic	XC002066014	
20 x 520	60+	Ceramic	XC002066188	
20 x 520	80+	Ceramic	XC002066352	
30 x 533	36+	Ceramic	XC002066022	
30 x 533	60+	Ceramic	XC002066196	
30 x 533	80+	Ceramic	XC002066360	
50 x 915	36+	Ceramic	XC002066030	Lining and Fixed Machines
50 x 915	60+	Ceramic	XC002066204	
50 x 915	80+	Ceramic	XC002066378	
50 x 1220	36+	Ceramic	XC002066048	
50 x 1220	60+	Ceramic	XC002066212	
50 x 1220	80+	Ceramic	XC002066386	
50 x 1520	36+	Ceramic	XC002066055	
50 x 1520	60+	Ceramic	XC002066220	
50 x 1520	80+	Ceramic	XC002066394	
100 x 1520	36+	Ceramic	XC002066097	
100 x 1520	60+	Ceramic	XC002066261	
100 x 1520	80+	Ceramic	XC002066436	
100 x 1600	36+	Ceramic	XC002066105	
100 x 1600	60+	Ceramic	XC002066279	
100 x 1600	80+	Ceramic	XC002066444	
50 x 2440	36+	Ceramic	XC002066063	
50 x 2440	60+	Ceramic	XC002066238	
50 x 2440	80+	Ceramic	XC002066402	
75 x 2000	36+	Ceramic	XC002066071	
75 x 2000	60+	Ceramic	XC002066246	
75 x 2000	80+	Ceramic	XC002066410	
100 x 915	36+	Ceramic	XC002066089	
100 x 915	60+	Ceramic	XC002066253	
100 x 915	80+	Ceramic	XC002066428	
100 x 2440	36+	Ceramic	XC002066113	
100 x 2440	60+	Ceramic	XC002066287	
100 x 2440	80+	Ceramic	XC002066451	
100 x 3000	36+	Ceramic	XC002066121	
100 x 3000	60+	Ceramic	XC002066295	
100 x 3000	80+	Ceramic	XC002066469	
100 x 4270	36+	Ceramic	XC002066139	
100 x 4270	60+	Ceramic	XC002066303	
100 x 4270	80+	Ceramic	XC002066477	
150 x 2000	36+	Ceramic	XC002066147	
150 x 2000	60+	Ceramic	XC002066311	
150 x 2000	80+	Ceramic	XC002066485	



CUBITRON II

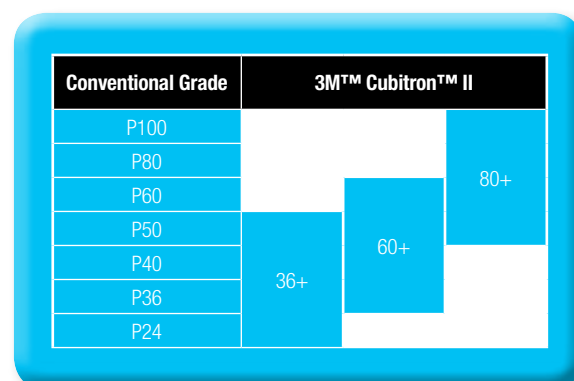
Unique + grades for revolutionary products

Multiple grading systems have been created as mineral technology evolves, and Cubitron™ II abrasives are no exception.

Engineered triangular shapes can't be boxed into the screens used for grading today. Precision Shaped Grain is bigger, better, faster and longer lasting than ANSI-graded abrasives.

You can count on 3M to meet or beat your current grinding process time.

3M™ Cubitron™ II Abrasive Grading Comparison



ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorised Distributor.

3M™ Cloth Belts 577F

Applications:

- Excellent performance on stainless and exotic alloys.
- Suitable for metal grinding and can be run wet or dry.

Features:

- Alumina Zirconia abrasive product constructed on a YF weight, water resistant polyester cloth backing.
- Ideal for backstand, swing frame, stroke sanding, portable belt grinding, wide belt grinding and polishing.

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
10 x 330	40	Alumina Zirconia	AC019178189	File and Portable Belts
10 x 330	60	Alumina Zirconia	AC019177868	
10 x 330	80	Alumina Zirconia	AC010419201	
10 x 330	120	Alumina Zirconia	AC019176746	
12 x 457	36	Alumina Zirconia	AN019302908	
12 x 457	40	Alumina Zirconia	AC010419524	
12 x 457	60	Alumina Zirconia	AC019177834	
12 x 457	80	Alumina Zirconia	AC019178171	
12 x 610	36	Alumina Zirconia	AN019302916	
12 x 610	40	Alumina Zirconia	AC019178163	
12 x 610	60	Alumina Zirconia	AN019303013	
12 x 610	80	Alumina Zirconia	AN019303062	
20 x 520	36	Alumina Zirconia	AC010419540	
20 x 520	40	Alumina Zirconia	AC010419508	
20 x 520	60	Alumina Zirconia	AC019177560	
20 x 520	80	Alumina Zirconia	AC019192965	
20 x 520	120	Alumina Zirconia	AC019176704	
30 x 533	36	Alumina Zirconia	AC019178411	
30 x 533	40	Alumina Zirconia	AC010577008	
30 x 533	60	Alumina Zirconia	AC019177776	
30 x 533	80	Alumina Zirconia	AC019177305	
30 x 533	120	Alumina Zirconia	AC019176670	
90 x 400	80	Alumina Zirconia	AC019174807	
90 x 410	40	Alumina Zirconia	AC019182255	
90 x 410	60	Alumina Zirconia	AC019182180	
90 x 410	80	Alumina Zirconia	AC019182107	
90 x 410	120	Alumina Zirconia	AC019182008	
100 x 610	60	Alumina Zirconia	AC019188291	
50 x 915	36	Alumina Zirconia	AC019178387	
50 x 915	40	Alumina Zirconia	AC019178072	
50 x 915	60	Alumina Zirconia	0361030	
50 x 915	80	Alumina Zirconia	0360990	
50 x 915	100	Alumina Zirconia	AC019175607	
50 x 915	120	Alumina Zirconia	AC019176662	
50 x 1220	36	Alumina Zirconia	AC019174674	
50 x 1220	40	Alumina Zirconia	AC019178064	
50 x 1220	60	Alumina Zirconia	0361022	
50 x 1220	80	Alumina Zirconia	AC019177263	
50 x 1220	100	Alumina Zirconia	AC019176877	
50 x 1220	120	Alumina Zirconia	AC019176654	
50 x 1520	36	Alumina Zirconia	AC019174690	
50 x 1520	60	Alumina Zirconia	AC019177735	
50 x 1520	80	Alumina Zirconia	AC019177255	
50 x 1520	120	Alumina Zirconia	AC019176647	
50 x 2440	36	Alumina Zirconia	AC019178379	
50 x 2440	40	Alumina Zirconia	AC019178049	
50 x 2440	60	Alumina Zirconia	AC019177727	
50 x 2440	80	Alumina Zirconia	AC019177222	
75 x 2000	36	Alumina Zirconia	AC019178353	
75 x 2000	40	Alumina Zirconia	AC019178031	
75 x 2000	60	Alumina Zirconia	AC019177677	
75 x 2000	80	Alumina Zirconia	AC019188135	
100 x 915	36	Alumina Zirconia	AC019188309	

Linishing and Fixed Machines

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
100 x 915	40	Alumina Zirconia	AC019178015	Linishing and Fixed Machines
100 x 915	60	Alumina Zirconia	AC019177610	
100 x 915	80	Alumina Zirconia	AC019177156	
100 x 915	100	Alumina Zirconia	AC019187858	
100 x 915	120	Alumina Zirconia	AC019176571	
100 x 927	60	Alumina Zirconia	AC019177602	
100 x 1220	36	Alumina Zirconia	AN019302924	
100 x 1220	40	Alumina Zirconia	AN019302965	
100 x 1220	60	Alumina Zirconia	AC019177586	
100 x 1220	80	Alumina Zirconia	AC019177123	
100 x 1220	120	Alumina Zirconia	AN019303096	
100 x 1520	40	Alumina Zirconia	AC019174732	
100 x 1520	60	Alumina Zirconia	AC019174773	
100 x 1520	80	Alumina Zirconia	AC019177115	
100 x 2440	36	Alumina Zirconia	AC019178304	
100 x 2440	40	Alumina Zirconia	AC019174740	
100 x 2440	60	Alumina Zirconia	AC019281743	
100 x 2440	120	Alumina Zirconia	AC019191570	
100 x 4270	36	Alumina Zirconia	AC019178270	
100 x 4270	40	Alumina Zirconia	AC019177959	
100 x 4270	80	Alumina Zirconia	AN019303054	
150 x 1220	36	Alumina Zirconia	AN019302932	
150 x 1220	40	Alumina Zirconia	AN019302957	
150 x 1220	60	Alumina Zirconia	AC019177511	
150 x 1220	80	Alumina Zirconia	AC019176968	
150 x 1220	120	Alumina Zirconia	AC019176530	
150 x 1520	36	Alumina Zirconia	AC019178254	
150 x 1520	40	Alumina Zirconia	AC019177934	
150 x 1520	60	Alumina Zirconia	AC019177495	
150 x 1520	120	Alumina Zirconia	AC019205239	
150 x 2000	40	Alumina Zirconia	AC019177926	
150 x 2000	60	Alumina Zirconia	AC019177479	
150 x 2260	80	Alumina Zirconia	AC019195919	
150 x 1220	40	Alumina Zirconia	AN019302981	
150 x 1220	60	Alumina Zirconia	AN019303021	
150 x 1220	80	Alumina Zirconia	AN019303088	
150 x 1220	120	Alumina Zirconia	AN019303104	



ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorised Distributor.

3M™ Cloth Belts 351A

Applications:

- Provides good stock removal rates and fine finishes for feed through and off hand grinding.
- Ideal for backstand, swing frame, stroke sanding, wide belt grinding and polishing.

Features:

- Suitable for general purpose applications.
- Premium aluminium oxide mineral on a durable cloth backing.

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
10 x 330	60	Aluminium Oxide	AC019180622	File and Portable Belts
10 x 330	80	Aluminium Oxide	AC019175870	
10 x 330	120	Aluminium Oxide	AC019176138	
20 x 457	40	Aluminium Oxide	AC019192056	
20 x 520	60	Aluminium Oxide	AC010419607	
20 x 520	80	Aluminium Oxide	AC019175953	
20 x 520	120	Aluminium Oxide	AC019176174	
25 x 610	60	Aluminium Oxide	AC019237794	
25 x 610	80	Aluminium Oxide	AC019180250	
75 x 533	40	Aluminium Oxide	HC000399812	
75 x 533	60	Aluminium Oxide	AC010580101	
75 x 533	80	Aluminium Oxide	AC010579889	
75 x 533	120	Aluminium Oxide	AC010580226	
75 x 610	40	Aluminium Oxide	AC010580069	
75 x 610	60	Aluminium Oxide	AC010580119	
75 x 610	80	Aluminium Oxide	AC010579897	
75 x 610	120	Aluminium Oxide	AC010580234	
90 x 285	80	Aluminium Oxide	AC019174964	
90 x 285	120	Aluminium Oxide	AC019182479	
90 x 400	40	Aluminium Oxide	AC010580093	
90 x 400	60	Aluminium Oxide	AC010579871	
100 x 610	80	Aluminium Oxide	AC010578683	
50 x 915	60	Aluminium Oxide	AC010578667	
50 x 915	80	Aluminium Oxide	AC010578709	
50 x 915	100	Aluminium Oxide	AC019179781	
50 x 915	120	Aluminium Oxide	AC010578717	
50 x 915	180	Aluminium Oxide	AC019282295	
50 x 1220	40	Aluminium Oxide	AC010578626	
50 x 1220	60	Aluminium Oxide	AC010578659	
50 x 1220	80	Aluminium Oxide	AC010578691	
50 x 1220	100	Aluminium Oxide	AC010579939	
50 x 1220	120	Aluminium Oxide	AC010579962	
50 x 1220	240	Aluminium Oxide	AC019238289	
50 x 1520	80	Aluminium Oxide	AC010580135	
50 x 1520	100	Aluminium Oxide	AC019179765	
50 x 1520	120	Aluminium Oxide	AC010580200	
50 x 2440	80	Aluminium Oxide	AC010580143	
100 x 915	80	Aluminium Oxide	AC019180029	
100 x 927	40	Aluminium Oxide	AC010579822	
100 x 927	80	Aluminium Oxide	AC010579905	
100 x 927	120	Aluminium Oxide	AC010580192	
100 x 1220	60	Aluminium Oxide	AC019183098	
100 x 1220	80	Aluminium Oxide	AC019179989	
100 x 1330	60	Aluminium Oxide	AC019175821	
100 x 1330	80	Aluminium Oxide	AC019179971	
100 x 1330	100	Aluminium Oxide	AC019179617	
100 x 1520	60	Aluminium Oxide	AC010578642	
100 x 1520	120	Aluminium Oxide	AC010579947	
100 x 1520	180	Aluminium Oxide	AC010580242	
100 x 2440	40	Aluminium Oxide	AC019181522	
100 x 2440	60	Aluminium Oxide	AC019180408	
100 x 2440	80	Aluminium Oxide	AC019179948	
100 x 2440	120	Aluminium Oxide	AC019191249	

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
100 x 4270	40	Aluminium Oxide	AC019176068	Lining and Fixed Machines
100 x 4270	60	Aluminium Oxide	AC019180382	
150 x 1220	60	Aluminium Oxide	AC019175813	
150 x 1220	80	Aluminium Oxide	AC019179914	
150 x 1520	60	Aluminium Oxide	AC019175839	
150 x 1520	80	Aluminium Oxide	AC019175896	
150 x 1520	100	Aluminium Oxide	AC019176273	



ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorised Distributor.

3M™ Trizact™ Cloth Belts 237AA

Applications:

- Designed for medium to high pressure finishing applications on metal.
- Provides excellent finish consistency, especially on stainless steel.

Features:

- An aluminium oxide Trizact™ cloth belt constructed on a X-weight, durable cloth backing.
- Resin bonded for heat resistance. Features grinding aid for cooler grinding.

Size (mm)	Grade	Mineral	Order ID	Recommended Tools
30 x 533	A30	Aluminium Oxide	AC019217861	File and Portable Belts
50 x 316	A100	Aluminium Oxide	AC019224594	
50 x 321	A65	Aluminium Oxide	AC019211575	
50 x 321	A30	Aluminium Oxide	AC019211567	
90 x 400	A160	Aluminium Oxide	AC019210148	
90 x 400	A100	Aluminium Oxide	AC019175473	
90 x 400	A45	Aluminium Oxide	AC019210569	
90 x 400	A30	Aluminium Oxide	AC019209744	
90 x 400	A16	Aluminium Oxide	AC019175481	
100 x 285	A100	Aluminium Oxide	AC019223281	
100 x 286	A160	Aluminium Oxide	AC019227605	
100 x 286	A100	Aluminium Oxide	AC019227597	
100 x 315	A160	Aluminium Oxide	AC019209694	
50 x 915	A160	Aluminium Oxide	9141128	
50 x 915	A100	Aluminium Oxide	AC019211898	
50 x 915	A65	Aluminium Oxide	AC019214009	
50 x 915	A80	Aluminium Oxide	AC019209769	
50 x 915	A45	Aluminium Oxide	AC019211880	
50 x 915	A16	Aluminium Oxide	AC019211450	
50 x 915	A6	Aluminium Oxide	AC019209504	
50 x 1220	A30	Aluminium Oxide	AC019211609	
75 x 1990	A30	Aluminium Oxide	AC019228264	
75 x 1990	A16	Aluminium Oxide	AC019228256	
100 x 4270	A100	Aluminium Oxide	AC019212391	
100 x 4270	A65	Aluminium Oxide	AC019228132	
100 x 4270	A45	Aluminium Oxide	AC019228199	
100 x 4270	A30	Aluminium Oxide	AC019228207	
100 x 4270	A16	Aluminium Oxide	AC019212151	

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorised Distributor.



3M™ Trizact™ Grading System

Trizact™ Abrasive Grade	Conventional Grade
A160	P120
	P150
	P180
A100	P220
	P240
A80	P280
A65	P320
A45	P360
	P600
A30	P800
A16	P1200
A6	P2000

Scotch-Brite™ Surface Conditioning Belts

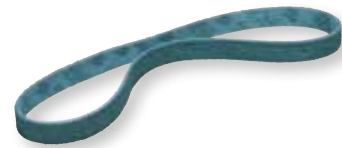
Applications:

- Choose Scotch-Brite™ Surface Conditioning Belts for cleaning, finishing, blending and deburring applications.
- Remove burrs without gouging or undercutting.

Features:

- Trust genuine Scotch-Brite™ belts to deliver fantastic finishes.
- Ideal way to add a great finish on the work piece.

Size (mm)	Grade	Colour	Max Operating Speed (SFPM)	Order ID	Recommended Tools
10 x 330	A CRS	Brown	6,500	AN019251667	File and Portable Belts
10 x 330	A MED	Maroon	6,500	AN019251659	
10 x 330	A VFN	Blue	6,500	AN019251642	
10 x 330	S SFN	Grey	6,500	AN019251634	
12 x 457	SE A CRS	Brown/Blue	6,500	AN019251592	
12 x 457	A CRS	Brown	6,500	61500072709	
12 x 457	A MED	Maroon	6,500	61500072691	
12 x 457	A VFN	Blue	6,500	61500072683	
20 x 520	A CRS	Brown	6,500	61500133923	
20 x 520	A MED	Maroon	6,500	AN019224409	
20 x 520	A VFN	Blue	6,500	AN019249687	
25 x 610	SE A CRS	Brown/Blue	6,500	AN019301991	
25 x 610	A CRS	Brown	6,500	AN019212578	
25 x 610	A MED	Maroon	6,500	AN019209400	
25 x 610	A VFN	Blue	6,500	AN019208943	
25 x 610	S SFN	Grey	6,500	AN019224532	
30 x 533	SE A CRS	Brown/Blue	6,500	AN019302064	
30 x 533	A CRS	Brown	6,500	AN019208717	
30 x 533	A MED	Maroon	6,500	AN019209434	
30 x 533	A VFN	Blue	6,500	AN019222338	
50 x 915	A CRS	Brown	6,500	AN019208519	Finishing and Fixed Machines
50 x 915	A MED	Maroon	6,500	AN019208857	
50 x 915	A VFN	Blue	6,500	AN019209426	
50 x 915	S SFN	Grey	6,500	AN019213402	
50 x 1220	A CRS	Brown	6,500	AN019214435	
50 x 1220	A MED	Maroon	6,500	AN019213733	
50 x 1220	A VFN	Blue	6,500	AN019175106	
50 x 1220	S SFN	Grey	6,500	AN019211216	
50 x 1220	Delicate	White	6,500	AN019199676	
50 x 1520	A CRS	Brown	6,500	AN019209913	
50 x 1520	A MED	Maroon	6,500	AN019208931	
50 x 1520	A VFN	Blue	6,500	AN019219367	
50 x 1520	S SFN	Grey	6,500	AN019300647	
75 x 2000	A CRS	Brown	6,500	AN019246238	
75 x 2000	A MED	Maroon	6,500	AN019208840	
75 x 2000	A VFN	Blue	6,500	AN019227741	
75 x 2000	S SFN	Grey	6,500	AN019236544	
100 x 915	A CRS	Brown	6,500	AN019208873	
100 x 915	A MED	Maroon	6,500	AN019208881	
100 x 915	A VFN	Blue	6,500	AN019210390	
100 x 1520	SE A CRS	Brown/Blue	6,500	61500163334	
100 x 1520	A CRS	Brown	6,500	AN019210663	
100 x 1520	A MED	Maroon	6,500	AN019209418	
100 x 1520	A VFN	Blue	6,500	AN019210671	
100 x 2440	A CRS	Brown	6,500	AN019211786	
100 x 2440	A MED	Maroon	6,500	AN019228426	



ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorised Distributor.

3M™ & Scotch-Brite™ Discs, Brushes & Wheels for Die Grinders

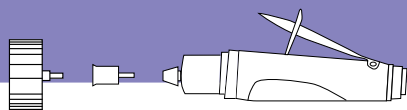


		Application						Substrate					
		Blending	Deburring	Finishing	Cleaning	Coating Removal	Polishing	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Non-Ferrous (Brass/Bronze)
Scotch-Brite™ Clean and Strip													
Best	Scotch-Brite™ Clean and Strip Disc - For use on mandrel				•	•		•	•	•	•		•
Better	Scotch-Brite™ Clean and Strip Disc – Shaft mounted				•	•		•	•	•	•		•
Better	Scotch-Brite™ Roloc™+ HP Clean and Strip Disc				•	•		•	•	•	•		•
Good	Scotch-Brite™ Roloc™+ Clean and Strip Disc				•	•		•	•	•	•		•
Scotch-Brite™ Mops													
Better	Scotch-Brite™ Roloc™+ Rivet Cleaning Discs		•	•				•	•	•			•
Better	Scotch-Brite™ Roloc™+ Cut and Polish Mop		•	•				•	•	•			•
Better	Scotch-Brite™ High Strength Discs		•	•	•			•	•			•	•
Scotch-Brite™ Unitised Discs													
Best	Scotch-Brite™ Roloc™+ Cut and Polish Unitised Wheel		•	•				•	•	•			•
Best	Scotch-Brite™ Cut and Polish Unitised Wheel		•	•				•	•	•			•
Best	Scotch-Brite™ EXL Unitised Wheel	•	•				•	•	•	•	•	•	•
Scotch-Brite™ Brushes													
Better	Scotch-Brite™ Roloc™+ Combination Flap Brush		•	•	•			•	•	•			•
Better	Scotch-Brite™ Roloc™+ Cut and Polish Flap Brush		•	•				•	•	•			•
Better	Scotch-Brite™ Roloc™+ Clean and Finish Flap Brush	•	•	•				•	•	•	•	•	•
Scotch-Brite™ Bristle Products													
Best	Scotch-Brite™ Radial Bristle Discs		•		•			•	•	•	•		•
Best	Scotch-Brite™ Radial Bristle Brushes		•		•			•	•	•	•		•

3M™ Roloc™+ Quick Release System

3M™ Roloc™+ system offers a broad range of 3M abrasives for use on die grinders and other straight shaft tools. A simple twist off, twist on quick release system allows the operator to reduce the time it takes to change grades or products during the job.

The Roloc+ holders each are fitted with a ¼" diameter steel reinforced shaft and secure mounting system that allows for safe use of the products on their edge. The Roloc+ system can also be combined with either of the Roloc+ retaining buttons so that small unitised wheels can be mounted onto die grinders.



Recommended grades by application

	Blending & Deburring	Finishing	Polishing	Cleaning
Combination Abrasives	80-100	120-220		
Nonwoven Abrasives	A CRS A MED	A VFN	S SFN	A CRS A MED
Clean and Strip				S XCRS
Unitised Wheels			5A FIN	
Bristle Discs	50-80	120		50

Scotch-Brite™ Clean and Strip Discs

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust and paint.
- May be mounted on a straight die grinders or bench motor.

Features:

- Load resistant.
- Smear resistant.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
100 x 6	S XCS	Black	Flexible	6,000	0286237	Mandrel PN990	Die Grinder PN28332 60440236341
100 x 6	S XCS	Purple	Rigid	6,000	AC010565086	61500073343	
150 x 12	S XCS	Black	Flexible	4,000	0286245	Mandrel PN934	
150 x 12	S XCS	Purple	Rigid	4,000	AC010565078	61988809341	

Scotch-Brite™ Clean and Strip Discs (Shaft Mounted)

Applications:

- Ideal for pre and post-weld cleaning where more flexibility is required.
- Designed to remove rust, paint and coatings.

Features:

- Offers long life and improved cut rate compared to the original black Clean and Strip.
- Spindle mounted for easy fitting to a die grinder.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
75 x 13 x 6	S XCS	Blue	Flexible	10,000	FN510078085	Die Grinder PN20238 60440179467
75 x 25 x 6	S XCS	Blue	Flexible	10,000	FN510078853	
100 x 13 x 6	S XCS	Blue	Flexible	8,000	FN510078366	
100 x 25 x 6	S XCS	Blue	Flexible	8,000	FN510078267	
150 x 13 x 8	S XCS	Blue	Flexible	6,000	FN510078705	
150 x 25 x 8	S XCS	Blue	Flexible	6,000	FN510078507	

Scotch-Brite™ Roloc™ + HP Clean and Strip Disc

Applications:

- Scotch-Brite™ Roloc™ + HP Clean and Strip Disc.
- Cleaning weld seams and removing discolouration; removal of rust, paint, scale, corrosion, coatings and sealants.

Features:

- Foam impregnation gives better edge retention than standard Clean & Strip products.
- Coarse grain open web resists loading and heat build-up.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
75 x 12	S XCS	Grey	10,000	09734	61500068293	Roloc+ Holder PN09884 FN510078473	Die Grinder PN20240 60440179483
75 x 25	S XCS	Grey	10,000	09733	FN510078663		

Scotch-Brite™ Roloc™+ Clean and Strip Disc

Applications:

- Aggressively removes paint and rust from seams, door jambs, drip moldings, pinchwelds and other difficult-to-reach areas.

Features:

- 3 dimensional abrasive web conforms to work area.
- Quick change Roloc™+ system reduces downtime and process costs.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
100 x 12	S XCS	Black	8,000	07466	0324096	Roloc+ Holder PN09986 FN510078564	Die Grinder PN20240 60440179483

Scotch-Brite™ Roloc™+ Rivet Cleaning Disc

Applications:

- Rivet cleaning disc designed to sand and clean around rivets.

Features:

- Quick change Roloc™+ system reduces downtime and process costs.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
100 x 32	A MED	Tan	6,000	07410	0324108	Roloc+ Holder PN09986 FN510078564	Die Grinder PN28332 60440236341

Scotch-Brite™ Roloc™+ Cut and Polish Mop

Applications:

- Aggressive cutting action gives a tight scratch pattern and consistent, repeatable finish on metals and timber.
- Defuzzing of wood profiles and panels; removal of lacquer, paint, dirt and discolouration; matt or satin finishing on metal surfaces.

Features:

- Disc construction provides conformability where needed on irregular surfaces.
- Five discs of heavy duty Scotch-Brite Web are fixed together to form a disc brush.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
75 x 30	A MED	Tan	7,500	09714	FN510078499	Roloc+ Holder PN09884 FN510078473	Die Grinder PN28332 60440236341
100 x 30	A MED	Tan	6,000	09715	FN510078556	Roloc+ Holder PN09986 FN510078564	Die Grinder PN28332 60440236341

Scotch-Brite™ Roloc™+ Cut and Polish Unitised Wheel

Applications:

- Aggressive product capable of removing surface imperfection and handling marks.
- Often used to replace many conventional abrasive products such as rubber bonded wheels and small set-up wheels.

Features:

- Excellent starting point for jobs requiring the availability of small diameters and narrow widths.
- Compressed, non-woven fibre construction gives uniform grain distribution which will produce consistent results.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
75 x 3 x 10	5A FIN	Brown	15,000	09740	FN510080065	Roloc+ Holder PN9991 61500072345	Die Grinder PN20240 60440179483
75 x 6 x 10	5A FIN	Brown	15,000	09743	FN510080073		

Scotch-Brite™ Roloc™+ Combination Flap Brush

Applications:

- Blends defects and reduces scratch roughness in one step.
- Blending scratches on stainless steel or fine finishing aluminium prior to anodising.

Features:

- Combination of Scotch-Brite™ Clean & Finish material and coated abrasive gives greater scratch depth.
- Quick change Roloc™+ system reduces downtime and process costs.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
63 x 32	80	Maroon	9,000	09717	FN510078440	Roloc+ Holder PN09884 FN510078473	Die Grinder PN20240 60440179483
63 x 32	120	Maroon	9,000	09720	FN510078341		
63 x 32	180	Maroon	9,000	09723	FN510078929		

Scotch-Brite™ Roloc™+ Cut and Polish Flap Brush

Applications:

- Satin finishing and light deburring of larger components where the machine is taken to the part.
- Suitable for metal fabrication and timber finishing applications.

Features:

- Three dimensional Scotch-Brite™ web produces consistent, repeatable results without damaging the work piece.
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
50 x 25	A MED	Brown	12,000	09700	FN510078713	Roloc+ Holder PN09884 FN510078473	Die Grinder PN20240 60440179483
63 x 32	A MED	Brown	9,000	09701	FN510078788		
75 x 35	A MED	Brown	8,000	09702	0301713		

Scotch-Brite™ Roloc™+ Clean and Finish Flap Brush

Applications:

- Cleaning, light deburring or satin finishing on metal surfaces.
- Smoothing wood prior to varnishing or primer denibbing before final coat.

Features:

- Brushes are impregnated with abrasive mineral to give uniform cut and finish throughout product life.
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
63 x 32	A VFN	Maroon	9,000	09705	FN510078580	Roloc+ Holder PN09884 FN510078473	Die Grinder PN20240 60440179483
63 x 32	S FIN	Grey	9,000	09708	0301770		
75 x 35	A VFN	Maroon	7,500	09706	FN510078481		Die Grinder PN28332 60440236341
75 x 35	S FIN	Grey	7,500	09709	FN510078390		

Scotch-Brite™ Roloc™+ Molding Adhesive and Stripe Removal Disc

Applications:

- Used to remove vinyl stripes, numbers, letters and graphics from gel coat and painted marine surfaces without damaging the finish.

Features:

- Long lasting, flexible, circular disc form.
- Thin foamed discs are mounted together on a quick change Roloc™+ button.



Size (mm)	Colour	Max Operating Speed (rpm)	Part Number	Order ID	Recommended Accessories	Recommended Tools
100 x 10	White	4,000	07501	61500079621	Roloc+ Holder PN9991 61500072345	Die Grinder PN28332 60440236341

Scotch-Brite™ Radial Bristle Discs

Applications:

- Durable radial plastic disc for deburring or coating removal.
- Fits portable hand tool or small bench motor.

Features:

- Gang multiple discs to form a brush.
- Angled bristles are more aggressive than curved.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
76 x 10	50	Green	Angle	25,000	61500139391	Mandrel PN990 61500073343 Optional Mandrel PN991 61500094208	Die Grinder PN20238 60440179467
76 x 10	80	Yellow	Angle	25,000	61500139409		
76 x 10	120	White	Angle	25,000	61500139417		
76 x 10	80	Yellow	Curve	20,000	61500176070		
76 x 10	120	White	Curve	20,000	61500176088		
76 x 10	220	Red	Curve	20,000	61500176096		

Scotch-Brite™ Cut & Polish Unitised Wheel

Applications:

- Long lasting and aggressive for heavy duty blending and finishing with uniform results.
- Often used to replace many conventional abrasive products such as rubber bonded wheels and small set-up wheels.

Features:

- Excellent starting point for jobs requiring the availability of small diameters and narrow widths.
- A layered, durable unitised wheel construction.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
25 x 25 x 4.7	7A CRS	Tan with blue text	35,100	61500000783	Mandrel PN936 61986508259	Die Grinder PN20238 60440179467
75 x 12 x 4.7	7A CRS	Tan with blue text	15,100	JN390021036	Mandrel PN933 61500060969	

Scotch-Brite™ EXL Unitised Wheel

Applications:

- High performance and durability for deburring and finishing applications.
- Excellent choice for deburring and polishing of all metal alloys as well as many plastics and composites.

Features:

- Resists smearing and minimises heat build-up on the work piece.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50 x 3 x 4.7	8A CRS	Tan with orange text	22,100	9116593	Mandrel PN933 61500060969	Die Grinder PN20238 60440179467
50 x 3 x 4.7	6A MED	Tan with red text	22,100	9098732		
38 x 6 x 4.7	2S FIN	Grey with purple text	30,100	JN390022166		

Scotch-Brite™ Radial Bristle Brush

Applications:

- Works on a variety of coatings and is a safe alternative to wire brushes.
- Angled and straight bristles are more aggressive than curved.

Features:

- Abrasive mineral is molded into the plastic fingers and requires minimal pressure to produce results.
- Each brush includes wheel bushes and one set of flanges.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 12 x 25	36	Brown	Angle	6,000	61500151446	Mandrel PN934 61988809341	Die Grinder PN28332 60440236341
150 x 12 x 25	50	Green	Angle	6,000	61500151461		
150 x 12 x 25	80	Yellow	Angle	6,000	61500151479		
150 x 12 x 25	80	Yellow	Curve	6,000	61500187770		
150 x 12 x 25	120	White	Curve	6,000	61500187747		

Scotch-Brite™ High Strength Disc

Applications:

- Excellent to deburr, denib or defuzz timber and metal surfaces.
- Create satin finishes on metal.

Features:

- May be used individually or stacked on straight shaft tool or bench motor.
- High strength material is better in edge applications than clean and finish.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 12	A MED	Maroon	4,000	61500137767	Mandrel PN934 61988809341	Die Grinder PN28332 60440236341
150 x 12	A VFN	Maroon	4,000	61500137700		

3M™ & Scotch-Brite™ Discs & Wheels for Pedestal & Bench Motors



		Application						Substrate						
		Blending	Deburring	Finishing	Cleaning	Coating Removal	Polishing	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
Scotch-Brite™ Convolute Wheels														
Best	Scotch-Brite™ EXL Deburring Wheels		•	•	•			•	•	•		•	•	•
Better	Scotch-Brite™ Light Deburring Wheels	•	•	•			•	•	•			•	•	•
Best	Scotch-Brite™ Metal Finishing Wheels	•		•		•		•		•	•	•	•	•
Better	Scotch-Brite™ Multi Finishing Wheels	•		•				•	•	•	•	•	•	•
Scotch-Brite™ Unitised Wheels														
Good	Scotch-Brite™ Multi-Purpose Unitised Wheel	•	•	•			•	•	•	•		•	•	•
Scotch-Brite™ Bristle Products														
Best	Scotch-Brite™ Radial Bristle Brushes		•		•	•		•	•	•	•			•
Scotch-Brite™ Clean and Strip														
Best	Scotch-Brite™ Clean and Strip Disc				•	•		•	•	•	•			•
Scotch-Brite™ Mops														
Better	Scotch-Brite™ Lapping Mops		•	•	•			•	•			•	•	•
Better	Scotch-Brite™ High Strength Discs		•	•	•			•	•			•	•	•

Getting the most from your wheels

Selecting Convolute vs. Unitised

This choice will often be determined by the part configuration, wheel size availability, tool speed or other fixed circumstances

Convolute is a wrapped construction on a standard sized core and the “flat” of the web becomes the cutting tool. The wheels are one directional, which is indicated by an arrow on the side of the wheel and arrows printed in the core.

Unitised is a layered construction with a selection of centre hole sizes and no core. The “edge” of the web becomes the cutting tool. The wheels are non-directional.

Basic Performance Differences

	Finish	Density
Convolute	Finer Finish (grade for grade)	Softer and more conformable*
Unitised	More aggressive and durable (grade for grade)	Harder and less conformable

* When comparing same density numbers

Product Surface Speeds

Because product speed has a significant effect on performance (cut, life and finish), it is important to select the proper speed for a particular operation and work piece.

Generally, low speeds are desired for generating very uniform satin finishes, for finishing aluminium alloys without lubricants and for use on composite or other soft material applications. High speeds are recommended when it is desired to remove or blend surface imperfections and tough burrs. This high speed will result in a faster cut along with finer finishes.

Recommended Operating Speeds (SFPM = Surface Feet Per Minute)

Decorative Finishing	500-3,000 SFPM
Composites / Soft Materials	1,200-2,700 SFPM
Cleaning & Conditioning	2,000-5,000 SFPM
Oxide Removal	4,500-6,500 SFPM
Deburring	5,000-6,500 SFPM
Blending / Polishing	6,000-8,000 SFPM

Scotch-Brite™ EXL Deburring Wheel

Applications:

- High performance and durability for deburring and finishing applications.
- Ideal for use on hard materials such as stainless steel, titanium and high nickel alloys.

Features:

- Convolutely wound on a core to create a longer lasting wheel.
- Unique resin system, which helps minimise smearing.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 25 x 25	8A MED	Grey	6,000	61500126588	Wheel Adaptor 0309948	Bench Motor
150 x 25 x 25	8S FIN	Grey	6,000	0350405		
200 x 25 x 75	8A MED	Grey	4,500	61500126620	Flange PN356 61988835544	
200 x 25 x 75	8S FIN	Grey	4,500	JN310002603		
305 x 100 x 125	8S FIN	Grey	3,000	JN310001712	-	

Scotch-Brite™ Light Deburring Wheel

Applications:

- Designed for deburring and finishing applications which require a highly polished finish.
- Used for fine deburring, polishing and finishing because of their conformability.

Features:

- Convolutely wound on a core to create a longer lasting wheel.
- Able to maintain critical tolerances because of their conformability.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 25 x 25	7S FIN	Grey	6,000	61500126315	Wheel Adaptor 0309948	Bench Motor
150 x 50 x 25	7S FIN	Grey	6,000	JN210016034	Wheel Adaptor 0310276	
200 x 25 x 75	7S FIN	Grey	4,500	JN390061198	Flange PN356 61988835544	
300 x 50 x 125	7S FIN	Grey	3,000	JN390061214	-	

Scotch-Brite™ Metal Finishing Wheel

Applications:

- Used effectively to blend and match #3 or #4 mill finishes on stainless steel.
- On softer metals such as aluminium, copper and brass, they are used to blend out minor surface imperfections and handling marks while providing the desired decorative finish.

Features:

- Convolutely wound on a core to create a longer lasting wheel.
- Highly conformable wheel that is designed to apply uniform and consistent satin/antique finishes.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 25 x 25	7S FIN	Maroon	6,000	61500126315	Wheel Adaptor 0309948	Bench Motor
150 x 50 x 25	7S FIN	Maroon	6,000	JN210016034	Wheel Adaptor 0310276	
200 x 25 x 75	7S FIN	Maroon	4,500	JN390061198	Flange PN356 61988835544	
300 x 50 x 125	7S FIN	Maroon	3,000	JN390061214	-	

Scotch-Brite™ Multi-Finishing Wheel

Applications:

- Used to create uniform and attractive final finishes on ferrous and non-ferrous metals.
- Tough enough to finish edges and welds and soft enough to apply a final finish on large surfaces.

Features:

- The load resistant open web construction of these wheels removes surface contamination and dirt without re-depositing contaminants onto the work piece.
- Silicon Carbide mineral can create a unique bright surface that is often desired by stainless steel fabricators.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 50 x 25	4S CRS	Black	6,000	61500132867	Wheel Adaptor 0310276	Bench Motors or Barrel Grinder
150 x 50 x 25	4S MED	Grey	6,000	61500162914		
150 x 50 x 25	2S CRS	Black	6,000	61500051646		
150 x 50 x 25	2S MED	Grey	6,000	61500051653		
150 x 50 x 25	2S FIN	Grey	6,000	0287706		

Scotch-Brite™ Multi-Purpose Unitised Wheel

Applications:

- Good performing, debburing and finishing wheel for light duty applications.
- Clean up of threaded parts or welded areas.

Features:

- Conformable unitised construction.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Tools
150 x 25 x 14	8S FIN	Grey	7,500	XN002138131	Bench Motors
200 x 25 x 14	4S MED	Grey	5,500	XN002138651	

Scotch-Brite™ Radial Bristle Brush

Applications:

- Works on a variety of coatings and is a safe alternative to wire brushes.
- Angled and straight bristles are more aggressive than curved.

Features:

- Abrasive mineral is molded into the plastic fingers and requires minimal pressure to produce results.
- Each brush includes wheel bushes and one set of flanges.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 12 x 25	36	Brown	Angle	6,000	61500151446	Comes with multi-bore adaptor	Bench Motors
150 x 12 x 25	50	Green	Angle	6,000	61500151461		
150 x 12 x 25	80	Yellow	Angle	6,000	61500151479		
150 x 12 x 25	80	Yellow	Curve	6,000	61500187770		
150 x 12 x 25	120	White	Curve	6,000	61500187747		
203 x 25 x 32	50	Green	Straight	6,000	61500189446		
203 x 25 x 32	80	Yellow	Straight	6,000	61500189453		
203 x 25 x 32	120	White	Straight	6,000	61500189461		
194 x 25 x 32	120	White	Curve	6,000	61500190212		
194 x 25 x 32	220	Red	Curve	6,000	61500189479		

Scotch-Brite™ Clean and Strip Discs

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust and paint.
- May be mounted on a straight die grinders or bench motor.

Features:

- Load resistant.
- Smear resistant.



Size (mm)	Grade	Colour	Type	Max Operating Speed (rpm)	Order ID	Recommended Tools
150 x 12	S XCS	Black	Flexible	4,000	0286245	Bench Motors
150 x 12	S XCS	Purple	Rigid	4,000	AC010565078	
178 x 20	S XCS	Black	Flexible	3,300	0286252	
178 x 20	S XCS	Purple	Rigid	3,300	AN000417467	

Scotch-Brite™ High Strength Disc

Applications:

- Excellent to deburr, denib or defuzz timber and metal surfaces.
- Create satin finishes on metal.

Features:

- May be used individually or stacked on straight shaft tool or bench motor.
- High strength material is better in edge applications than clean and finish.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Tools
150 x 12	A MED	Maroon	4,000	61500137767	Bench Motors
150 x 12	A VFN	Maroon	4,000	61500137700	
200 x 12	A MED	Maroon	3,000	61500137809	
200 x 12	A VFN	Maroon	3,000	61500137726	

Scotch-Brite™ High Strength Mop

Applications:

- Designed for defuzzing of timber and general purpose cleaning of metals.
- Create satin finishes on metals.

Features:

- Uses Scotch-Brite™ High Strength discs to create a flexible conformable wheel.
- Multiple discs are mounted together on nylon washers for easy mounting to tapered spindles.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
150 x 10	A MED	Maroon	4,500	0301838	Tapered Spindle	Bench Motors
150 x 10	A VFN	Maroon	4,500	0301812		
200 x 10	A MED	Maroon	3,500	0301846		
200 x 10	A VFN	Maroon	3,500	0301820		

3M™ & Scotch-Brite™ Roloc™ Products for Disc Sanders

		Application							Substrate						
		Grinding	Light Grinding	Blending	Deburring	Light Deburring	Finishing	Cleaning	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
3M™ Roloc™ Discs															
Best	3M™ Roloc™ Cubitron™ II Durable Edge Disc 984F	•	•	•	•				•		•	•	•	•	
Better	3M™ Roloc™ Fibre Disc 983C	•	•	•	•				•					•	
Better	3M™ Roloc™ Disc 777F	•	•	•	•				•		•			•	
Good	3M™ Roloc™ Disc 361F	•	•	•	•				•	•	•	•		•	•
Scotch-Brite™ Roloc™ Discs															
Best	Scotch-Brite™ Roloc™ Light Grinding and Blending Discs		•	•	•	•			•	•	•	•			
Best	Scotch-Brite™ Roloc™ Surface Conditioning Discs			•	•	•	•	•	•	•	•	•	•	•	•
Best	Scotch-Brite™ Roloc™ Bristle Discs							•	•	•	•				•
Best	Scotch-Brite™ Roloc™ EXL Unitised Wheels				•		•	•	•	•	•	•	•	•	•
Better	Scotch-Brite™ Roloc™ Coating Removal Discs							•	•	•	•	•	•	•	
Best	Scotch-Brite™ Roloc™ Clean and Strip XT Discs							•	•	•	•	•	•	•	

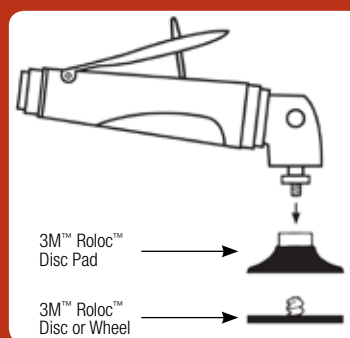
3M™ Disc Sanders

- 3M got the right angle “right” on this new Disc Sander for metalworking. A 97 degree head angle allows for more comfortable wrist position and improved ergonomics.
- 3M™ Greptile™ gripping technology provides a secure grip with less effort and is easy to maneuver. And the adjustable directional exhaust feature works the way you want it to.



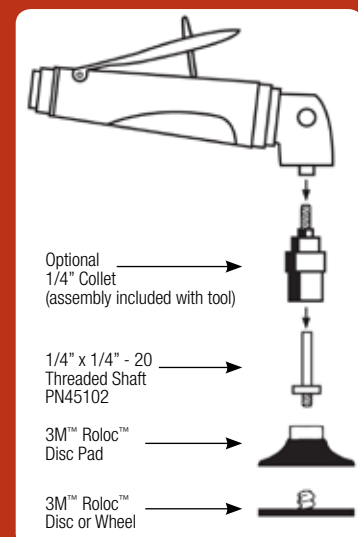
Short – “Direct Mount” backup pad attachment

Shorter distance to the work piece generates less vibration and allows for better operator control.



Tall – 1/4” collet option

Allows for longer reach and mounting of other abrasives and 1/4” accessories.



3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F

Applications:

- Designed for top performance in heavy duty grinding applications.
- Suitable for all metals.

Features:

- Contains grinding aid for cooler grinding.
- A premium 3M™ Ceramic grain Roloc™ disc constructed on a YF weight, water resistant polyester cloth backing with a laminated cloth for added durability.

CUBITRON II



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	36+	Brown	25,000	60440230138	Back Up Pad PN45096 60980026961	Disc Sander PN20231 60440179392
50	60+	Brown	25,000	60440230211		
50	80+	Brown	25,000	60440230294		
75	36+	Brown	20,000	60440230146	Back Up Pad PN45091 60440237778	Disc Sander PN20232 60440179400
75	60+	Brown	20,000	60440230229		
75	80+	Brown	20,000	60440230302		

3M™ Roloc™ Fibre Disc 983C

Applications:

- Durable for heavy duty welding fabrication applications.
- Excellent performance on hard metals such as stainless steel.

Features:

- Features long life and fast cutting mineral.
- A premium 3M™ Ceramic grain Roloc™ disc constructed on a fibre backing.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	60	Brown	25,000	60440207110	Back Up Pad PN45096 60980026961	Disc Sander PN20231 60440179392
50	80	Brown	25,000	60440207177		
75	36	Brown	20,000	0318476	Back Up Pad PN45091 60440237778	Disc Sander PN20232 60440179400
75	50	Brown	20,000	0318490		
75	60	Brown	20,000	60440207102		
75	80	Brown	20,000	0318552		

3M™ Roloc™ Disc 777F

Applications:

- Recommended for off hand grinding applications in metal fabrication.
- Good performance on stainless steel and hard metals.

Features:

- Resin bonded and contains grinding aid for improved heat resistance.
- A 3M™ Ceramic grain Roloc™ disc constructed on a YF-weight, water resistant polyester cloth backing.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
75	36	Orange	20,000	60650017654	Back Up Pad PN45091 60440237778	Disc Sander PN20232 60440179400
75	50	Orange	20,000	60650017662		
75	60	Orange	20,000	60650017696		
75	80	Orange	20,000	60650017704		
75	120	Orange	20,000	60650018058		

3M™ Roloc™ Disc 361F

Applications:

- General purpose grinding and finishing in metal fabrication.
- Finer grades can be used for rough sanding in woodworking.

Features:

- Resin bonded for heat resistance.
- An Aluminium Oxide Roloc™ disc constructed on a YF weight, water resistant polyester cloth backing.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	36	Brown	25,000	60440208936	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392
50	50	Brown	25,000	60440209017		
50	80	Brown	25,000	60440209140		
50	120	Brown	25,000	60440209298		
75	24	Brown	20,000	60440208902	Back Up Pad PN45092 60440237661	Disc Sander PN20232 60440179400
75	36	Brown	20,000	60440208944		
75	50	Brown	20,000	60440209025		
75	80	Brown	20,000	60440209157		
75	120	Brown	20,000	60440209306		

Scotch-Brite™ Roloc™ Light Grinding and Blending Disc

Applications:

- Tough enough to perform light grinding and blending of metals.
- Fantastic for metal fabrication of smaller parts including switch boxes and stainless steel furniture.

Features:

- Roloc attachment systems allows for quick changes of grades and products for completing the job faster.
- Durable non woven technology with strong edge wear resistance.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	Super Duty	Blue	25,000	61500292679	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392
50	Heavy Duty	Maroon	25,000	61500292661		
75	Super Duty	Blue	20,000	61500292695	Back Up Pad PN45092 60440237661	Disc Sander PN20232 60440179400
75	Heavy Duty	Maroon	20,000	61500292687		

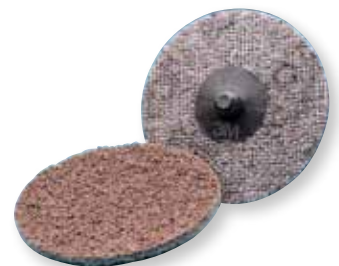
Scotch-Brite™ Roloc™ SE Surface Conditioning Disc

Applications:

- A coarse, tough, aggressive non-woven disc for heavy duty deburring and finishing.
- Used in metal fabrication when standard coarse surface conditioning discs are not aggressive enough.

Features:

- Roloc attachment systems allows for quick changes of grades and products for completing the job faster.
- Durable non woven technology with strong edge wear resistance.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
75	SE A CRS	Brown/Blue	20,000	0348573	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392

Scotch-Brite™ Roloc™ Surface Conditioning Disc

Applications:

- Industry leader for surface conditioning applications including cleaning, finishing, blending and deburring applications.

Features:

- Tough, aggressive non-woven material that leaves the surface with an ideal finish.
- Roloc attachment systems allows for quick changes of grades and products for completing the job faster.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	A CRS	Brown	25,000	61500141736	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392
50	A MED	Maroon	25,000	61500141728		
50	A VFN	Blue	25,000	61500141710		
50	S SFN	Grey	25,000	61500141744		
75	A CRS	Brown	20,000	61500141801	Back Up Pad PN45092 60440237661	Disc Sander PN20232 60440179400
75	A MED	Maroon	20,000	61500141793		
75	A VFN	Blue	20,000	61500141785		
75	S SFN	Grey	20,000	61500141819		

Scotch-Brite™ Roloc™ EXL Unitised Wheel

Applications:

- High performance and durability for deburring and finishing applications.
- Soft, conformable and flexible.

Features:

- A threaded attachment system secures the wheel to the holder.
- Minimal heat build up.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
75	8A CRS	Tan	15,100	61500099322	Back Up Pad PN45092 60440237661	Disc Sander PN20232 60440179400
75	8A MED	Tan	15,100	61500099306		
75	6A MED	Tan	15,100	61500099280		
75	2S MED	Grey	15,100	0337934		
75	2S FIN	Grey	15,100	0337922		

Scotch-Brite™ Roloc™ Clean and Strip XT Disc

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust and paint.
- Excellent for preparing surfaces for weld repairs.

Features:

- Durable, rigid and long lasting.
- Load and smear resistant.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
75	S XCS	Purple	15,000	61500153509	Back Up Pad PN45092 60440237661	Disc Sander PN20231 60440179392

Scotch-Brite™ Roloc™ Coating Removal Disc

Applications:

- Aggressive, open-web disc for cleaning welds, removing rust and paint.
- Excellent for preparing surfaces for weld repairs.

Features:

- Less aggressive and more flexible than the XT Purple Clean and Strip.
- Load and smear resistant.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	S XCRS	Black	18,000	61500119484	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392

Scotch-Brite™ Roloc™ Bristle Disc

Applications:

- Use for blending, finishing, cleaning and for coating, defect, scratch and rust removal on all metals.
- Excellent replacement for wire brushes.

Features:

- Each disc is a molded bristle which is filled with small abrasive mineral particles.
- Bristle discs will flare out when running, allowing the edge to reach into corners and joints easily.



Size (mm)	Grade	Colour	Max Operating Speed (rpm)	Order ID	Recommended Accessories	Recommended Tools
50	50	Green	25,000	61500135423	Back Up Pad PN45095 60440237653	Disc Sander PN20231 60440179392
50	80	Yellow	25,000	61500132172		
50	120	White	25,000	61500132180		
75	50	Green	15,000	61500132198	Back Up Pad PN45092 60440237661	Disc Sander PN20232 60440179400
75	80	Yellow	15,000	0382333		
75	120	White	15,000	0382341		

Scotch-Brite™

Light Grinding and Blending Discs

Fewer Steps

to a better finish

Rethink what you thought about Scotch-Brite™ Products



Imagine being able to have the finish of a surface conditioning disc with the blending ability of a fine graded fibre disc. Well this is exactly what the new Scotch-Brite™ Light Grinding & Blending Disc delivers.

Light duty grinding and blending tasks are easily completed faster than ever before because of the blended ceramic mineral which has been combined applied to the durable and forgiving nature of Scotch-Brite™ non woven material.

- Longer Lasting
- Faster Cutting
- Faster Blending

For more information contact 3M on 136 136

This technology is used for: Angle Grinders

Scotch-Brite™ Light Grinding and Blending Disc
> See page 14

Small Disc Sanders

Scotch-Brite™ Roloc™ Light Grinding and Blending
> See page 47





3M™ Perfect-it™ Products for Buffing Machines



Looking for the perfect finish?

The quality of your paint finish is dependant on so many variables, the 3M™ Perfect-It™ Paint Finishing System is designed for today's paint. Now more than ever, your paint finish is affected by the changes to the paint industry, whether high solid or low VOC paint, this system will increase the quality of your finish. Is your paint finishing system designed for today's paint?

This five step process starts with 3M™ Trizact discs working through the Perfect-it™ compound and polish range finishing with the all new silicone free Perfect-It™ Clean and Shine to leave a high gloss shine. The standardised system is a five step process that can reduce time and costs increasing productivity.

3M's customers are achieving great results already with this system.

Suitable for the following industries:

- Automotive
- Aerospace
- Commercial vehicle
- Furniture Manufacturing
- Industrial
- Composite and Fiberglass



3M™ Perfect-it™ Compounds & Polishes

- Specially designed compounds and polishes for use on aftermarket paint system to refine the final finish.

3M™ Perfect-It™ Compounds

Applications:

- Unique formula quickly removes P1200 grade and finer sand scratches and other surface defects.

Features:

- Buffs to high gloss with a minimum of swirl marks.
- The Perfect-It brand means this is 3M's highest performing rubbing compound.



Size (mm)	Part Number	Colour	Product	Type	Order ID	Recommended Accessories	Recommended Tools
946ml	05936	White	Extra Cut Rubbing Compound	Compound	AS010558281	Wool Pad PN05719 6045505456	Polishing Machines
946ml	06085	White	Rubbing Compound	Compound	60455051783	Foam Pad PN05737 60455036123	

3M™ Perfect-It™ Polishes

Applications:

- Quickly and effectively removes compound swirl marks and produces an outstanding finish.
- Unique formula eliminates swirl marks and produces a high gloss finish, even on the most difficult dark coloured vehicles.

Features:

- Good handling, easy cleanup.
- The Perfect-It brand means this is 3M's highest performing machine polish.



Size (mm)	Part Number	Colour	Product	Type	Order ID	Recommended Accessories	Recommended Tools
946ml	06064	White	Machine Polish	Polish	60455034904	Foam Pad PN05738 60455036149	Polishing Machines
946ml	06068	White	Ultrafine Machine	Polish	60455034938	Foam Pad PN05733 60455036131	

3M™ Perfect-It™ Clean and Shine

Applications:

- Spray detailer that cleans up compound and polish residue.

Features:

- Provides a high gloss shine.
- Paint shop safe. No silicones.



Size (mm)	Part Number	Colour	Product	Type	Order ID	Recommended Accessories	Recommended Tools
473ml	06084	Clear	Clean and Shine	Cleaner	60455034847	3M™ Perfect-It™ Detailing Cloth 70071407731	-



3M™ Air Powered Tools

Technical Recommendations for 3M™ Air-Powered Tools

Appropriate Air-lines:

- Use a clean, dry, lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully depressed. Note: Tools can be run at lower pressures, but should never be run higher than 6.2 bar (90 psig). If run at a lower pressure, the performance of the tool is reduced.
- Use an approved 10mm (3/8") or 13mm x 8m (1/2" x 25') maximum length air line.
- Connect the tool to the air supply.
- It is strongly recommended that an air filter, regulator and lubricator (FRL) be used to supply clean, lubricated air at the correct pressure to the tool. If such equipment is not used, the tool should be manually lubricated.

To manually lubricate the tool:

- Disconnect the air line and put 2 to 3 drops of suitable pneumatic motor lubricating oil, such as 3M™ Air Tool Lubricant 20451, into the hose end (inlet) of the tool.
- Reconnect tool to the air supply and run tool for a few seconds to allow air to circulate the oil.
- Lubricate daily if the tool is used frequently or if the tool starts to slow or lose power.

Recommended Minimal Air Line Diameter

- 10mm: 3/8" • 13mm: 1/2"

Recommended Maximum Hose Length

- 8m: 25'

Recommended Maximum Working Air Pressure

- 6.2 bar (90 psig)

**For warranty and repair service,
call 1300 651 817**

Warranty

3M's Range of air powered tools are covered by a 12 month warranty on manufacturing defaults.

The warranty covers manufacturing defects under normal use only. The warranty does not cover normal wear and tear, improper use or abuse and overloading. Please note that all warranty claims are subject to manufacturer's approval. Be sure to keep your sales receipt and warranty cards in a safe place. These must be submitted when filing a warranty claim. Warranty repairs must be performed by an authorised 3M Service Centre and can be contacted on 1300 651 817.

Spare Parts

Spare Parts are available for 3M Air Powered Tools and are listed in the user manual of each tool. To purchase spare parts please contact our 3M Service Centre on: 1300 651 817.

3M™ Air-Powered Random Orbital Sanders – Central Vacuum Systems

Features:

- Easily attaches to your existing central vacuum system for efficient dust-evacuation.
- Impressive power-to-weight ratio.
- Ergonomically designed for improved operator comfort with different grip sizes for better control.
- Precision balanced back-up pad helps reduce vibration for smoother running.



Part Number	Tool Dia.	Orbit Size	Vacuum Type	Motor	Airflow Rate	Maximum RPM	Pad Included	Order ID
20463	150mm	2.5mm	Central Vacuum	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XA100000505
20461	150mm	5.0mm	Central Vacuum	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XN004216497

3M™ Air-Powered Random Orbital Sanders – Self Generating Vacuum

Features:

- Take dust-management to the next level with powerful self-generated vacuum tools. Featuring 3M-patented Clean Sanding system with improved filter bag.
- Can also be attached to a central vacuum system.
- Impressive power-to-weight ratio.
- Ergonomically designed for improved operator comfort with different grip sizes for better control.
- Precision balanced back-up pad helps reduce vibration for smoother running
- Tool includes: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal.



Part Number	Tool Dia.	Orbit Size	Vacuum Type	Motor	Airflow Rate	Maximum RPM	Pad Included	Order ID
20316	75mm	2.5mm	Self Generating	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20350	XN004216034
20464	150mm	2.5mm	Self Generating	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XA100000513
20462	150mm	5.0mm	Self Generating	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XN004216505

3M™ Air-Powered Random Orbital Sanders – Non Vacuum Systems

Features:

- Impressive power-to-weight ratio.
- Ergonomically designed for improved operator comfort with different grip sizes for better control.
- Precision balanced back-up pad helps reduce vibration for smoother running.



Part Number	Tool Dia.	Orbit Size	Vacuum Type	Motor	Airflow Rate	Maximum RPM	Pad Included	Order ID
20463	150mm	2.5mm	Central Vacuum	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XA100000505
20461	150mm	5.0mm	Central Vacuum	.28 HP (209 W)	17 SCFM (481 LPM)	12,000	20465	XN004216497

3M™ Air Tool Lubricant

Features:

- Used to keep pneumatic air tools running efficiently.
- Use 2-3 drops at the end of each day, or as needed, to maintain tool performance.

Part Number	Size	Order ID
20451	188ml	60440128282



3M™ Filtrete™ Filter Bag

Features:

- For use with 3M self-generating vacuum tools.

Part Number	Size	Order ID
20452	N/A	60440236283



3M™ Filter Bag Adaptor

Features:

- For use with 3M Filtrete bags.

Part Number	Size	Order ID
20453	N/A	60440128308



3M™ Air Powered Disc Sanders

Features:

- The lightweight, compact design generates less vibration, while improving operator control.
- Direct mount for use with 3M™ Roloc™ Backup Pads without using a collet.
- Head angle on the 3M sander is 97° instead of 90° to provide a more comfortable wrist position and improve operating ergonomics.
- 3M™ Greptile™ Gripping Technology provides a secure grip with less effort that is easy to manoeuvre.
- The adjustable directional exhaust feature allows airflow to be directed in a preferred direction.



Part Number	Tool Dia.	Motor HP (W)	Maximum RPM	Weight kg (lbs)	Order ID
20231	50mm	.5 (372)	20,000	0.58 (1.28)	60440179392
20232	75mm	1 (744)	15,000	1.97 (.89)	60440179400

3M™ Air Powered Die Grinders

Features:

- Designed to efficiently handle all your cylindrical polishing, buffing, shaping and deburring needs.
- An offset gearbox with double ball bearings increase torque delivering superior performance.
- Built-in comfort innovations include 3M™ Greptile™ Gripping Technology to help reduce vibration for a more secure grip.
- The adjustable directional exhaust feature allows airflow to be directed in a preferred direction.
- Safety lever throttle to avoid accidental starting.
- Ideal for heavy-duty applications.



Part Number	Tool Dia.	Motor HP (W)	Maximum RPM	Weight kg (lbs)	Order ID
20237	1/4" Collet	1 (744)	20,000	0.77 (1.69)	60440179459
20238	1/4" Collet	1 (744)	18,000	0.77 (1.69)	60440179467
20340	1/4" Collet	1 (744)	8,000	0.93 (2.06)	60440179483
28332	1/4" Collet	.5 (372)	4,000	0.72 (1.58)	60440232341

3M™ Air Powered Cut-Off Wheel Tools

Features:

- Cutting tube, pipe, rebar, or sheets, 3M™ Cut-Off Wheel Tools can deliver fast, smooth performance.
- 1 HP tools, combined with 3M™ Cut-Off Wheels have the power you need to cut through carbon steel, stainless steel and other materials.
- Designed for easy handling.
- 3M™ Gripping material for greater operator comfort.



Part Number	Tool Dia.	Motor HP (W)	Maximum RPM	Weight kg (lbs)	Order ID
20233	75mm	1 (744)	25,000	0.95 (2.09)	60440179418
20234	100mm	1 (744)	20,000	1.02 (2.25)	60440179426

Accessories for 3M™ Abrasives



Angle Grinders

Page 58 3M™ Fibre Disc Back Up Pads
3M™ Retainer Nut
3M™ Hook & Loop Disc Pads and Holders



Random Orbital Sanders

Page 58-59 3M™ Hookit™ Disc Pads and Holders
3M™ Hookit™ Interface Pads
3M™ Stikit™ Disc Pads and Holders



Hand Sanding

Page 60 3M™ Hookit™ Hand Blocks & Fairing Boards
3M™ Stikit™ Hand Pads
3M™ Hand Blocks & Hand Pads



Die Grinders

Page 61 3M™ Roloc™+ Accessories
3M™ Mandrels



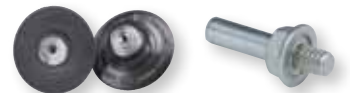
Bench Motors

Page 61 3M™ Wheel Flanges
3M™ Wheel Adaptors



Small Disc Sanders

Page 62 3M™ Roloc™ Disc Pads and Holders
3M™ Roloc™ Shafts



Buffing Machines

Page 62 3M™ Perfect-it™ Pads
3M™ Superbuff™ Pads
3M™ Hookit™ Back Up Pads & Adaptors



3M™ Fibre Disc Back Up Pads & Extended Retaining Nut

3M high performance back up pads come with both metric and imperial threaded retaining systems. An extended retaining nut should be used in conjunction with Scotch-Brite™ Clean and Strip Discs being mounted to metric threaded tools.



Part Number	Description	Diameter	Centre Hole Diameter	Thread Size	Colour	Density Rating	Max RPM	Order ID
07312	Flat Face	100mm	16mm	M10-1.5 INT	Black	Hard	15,200	XC003410104
09583	Flat Face	115mm	22mm	M14-2.0 INT or 5/8-11 INT	Black	Hard	13,200	XC003410039
09584	Ribbed Face	125mm	22mm	M14-2.0 INT or 5/8-11 INT	Black	Hard	12,000	XC003410047
09921	Ribbed Face	180mm	22mm	M14-2.0 INT or 5/8-11 INT	Black	Hard	8,500	DC272921404
0066	Extended Retaining Nut	-	-	M14-2.0 INT	-	-	-	0299875

3M™ Hook & Loop Disc Pads and Holders

Use with hook and loop discs. Allows the disc to be run on right angle grinders and random orbital sanders.

Part Number	Description	Diameter	Pin Diameter	Thread Size	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Order ID
923	Contact Pad	75mm	-	1/4" Shank	Black	Black	Firm	5	20,000	61500013174
914	Contact Pad	101mm	-	M10-1.5 INT	Black	Black	Firm	7	13,000	AC010427329
61677	Centre Pin	100mm	16mm	M10-1.5 INT	Black	Black	Firm	7	13,000	GN030104493
9145	Contact Pad	114mm	-	M14-2.0 INT	Black	Black	Firm	7	13,000	0350330
61680	Centre Pin	115mm	22mm	M14-2.0 INT	Black	Black	Firm	7	12,000	DE272906186
915M	Contact Pad	127mm	-	M14-2.0 INT	Black	Black	Firm	7	10,000	61500138492
915	Contact Pad	127mm	-	5/8-11 INT	Black	Black	Firm	7	10,000	61500176237
61681	Centre Pin	125mm	22mm	M14-2.0 INT	Black	Black	Firm	7	11,000	DE272906178
GP17	Contact Pad	178mm	-	M14-2.0 INT	Black	Black	Firm	7	4,800	0210963
61682	Centre Pin	180mm	22mm	M14-2.0 INT	Black	Black	Firm	7	6,000	GN030106126
20245	Centre Pin	178mm	22mm	5/8-11 INT	Red	Black	Extra Hard	7	8,500	60440179541



3M™ Hookit™ Disc Pads and Holders for Clean Sand & Dust Extraction Systems

Designed with high performance hole patterns when coupled with a 3M™ Random Orbital vacuum equipped sander and discs increases abrasive life and achieves high efficiency dust pickup.

Part Number	Description	Diameter	Thickness	Centre Hole Diameter	Thread Size	Number of Holes	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Order ID
20427	Disc Pad Kit	76mm	12.7mm	-	5/16-24 EXT	6	Yellow	Yellow	Medium	1	15,000	60440127995
20350	Tapered Edge	76mm	12.7mm	-	1/4-20 EXT	3	Red	Black	Firm	1	15,000	60440127227
20465	Low Profile	152mm	9.5	15.9mm	5/16-24 EXT	49	Red	Black	Firm	1	12,000	60440128324
05865	Low Profile	152mm	19mm	19mm	5/16-24 EXT	25	Yellow	Yellow	Medium	1	12,000	60455031009
50542	Direct Flow	152mm	19mm	19mm	M8-1.25 EXT	-	Purple	Black	Medium	1	12,000	DC272924598
05876	Tapered Edge	152mm	19mm	19mm	5/16-24 EXT	6	Yellow	Yellow	Medium	1	12,000	60980016152
07390	Tapered Edge	150mm	19mm	19mm	M8-1.25 EXT	7	Yellow	Yellow	Medium	1	12,000	0300988
50392	Direct Flow	150mm	19mm	19mm	5/16-24 EXT	15	Grey	Black	Medium	1	12,000	DC272922360
50474	Low Profile	150mm	19mm	19mm	5/16-24 EXT	15	Yellow	Yellow	Firm	1	12,000	DC272922386
50394	Direct Flow	150mm	19mm	19mm	M8-1.25 EXT	15	Grey	Black	Medium	1	12,000	AT010581521



3M™ Hookit™ Disc Pads and Holders for Non Dust Extraction Systems

These Disc Pads have a hook attachment which drives Hookit™ abrasive products with brushed Nylon loop backings.

Part Number	Shape	Diameter	Thickness	Thread Size	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Order ID
07389	Tapered Edge	150mm	19mm	5/16-24 EXT	Yellow	Yellow	Medium	1	10,000	60980016442
07394	Tapered Edge	178mm	25mm	M14-2.0 INT	Yellow	Yellow	Medium	1	6,000	60980027753
947	Tapered Edge	178mm	25mm	5/8-11 INT	Yellow	Yellow	Medium	1	6,000	60980009801
05779	Tapered Edge	203mm	19mm	5/8-11 INT	Yellow	Yellow	Medium	1	12,000	60980013936



07389



07394



947



05779

3M™ Hookit™ Interface Pads for Clean Sand & Dust Extraction Systems

Constructed of soft durable foam to increase conformability of the sanding disc. This increased flexibility allows you to follow contours and get closer to most edges while maximising dust extraction.

Part Number	Diameter	Thickness	Number of Holes	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Order ID
05771	76mm	12.7mm	6	Grey	Black	Soft	3	15,000	60455037782
05777	152mm	12.7mm	25	Grey	Black	Soft	3	12,000	60455031264
05774	150mm	10mm	7	Grey	Black	Soft	1	12,000	XC003410120
50544	150mm	10mm	49	Grey	Black	Soft	1	12,000	DC272923988
50545	150mm	5mm	49	Grey	Black	Soft	1	12,000	DC272923996



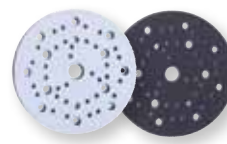
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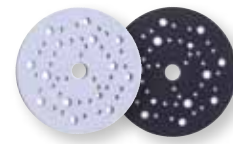
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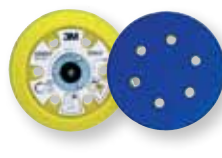
3M™ Stikit™ Disc Pads and Holders

These Disc Pads have a vinyl face material which drives Stikit™ abrasive products with Pressure Sensitive adhesive backings.

Part Number	Shape	Diameter	Thickness	Thread Size	Number of Holes	Colour	Face Colour	Density Rating	Max RPM	Order ID
05576	Tapered Edge	152mm	19mm	5/16-24 EXT	-	Yellow	Blue	Medium	12,000	60980009264
05697	Tapered Edge	152mm	19mm	5/16-24 EXT	6	Yellow	Blue	Medium	12,000	60980012250



05576

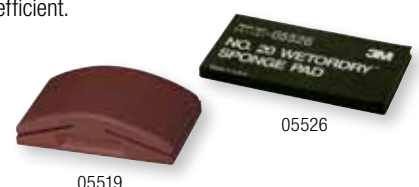


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3M™ Block & Sponge Pad

The block can be used with custom cut sheets of abrasives and offers the user a more comfortable way to operate sanding sheets. The firm hand sanding pad can be used with a three-fold wrap of paper sheets to make hand sanding easier and more efficient.

Part Number	Width	Length	Thickness	Colour	Density Rating	Order ID
05519	70mm	127mm	-	Red	Hard	0376228
05526	140mm	70mm	9.5mm	Black	Soft	0187815



05519

05526

3M™ Hookit™ Vacuum Hand Blocks

For use with Hookit™ sheets. Each block features a multiple vacuum hole system to suit 3M™ Hookit™ Clean Sand Sheet Rolls.

Part Number	Description	Width	Length	Number of Holes	Colour	Face Colour	Density Rating	Hook Type	Order ID
05207	Block	70mm	127mm	Clean Sand	Purple	Black	Firm	1	60455053110
05208	Block	70mm	198mm	Clean Sand	Purple	Black	Firm	1	60455053136
05209	Block	70mm	396mm	Clean Sand	Purple	Black	Firm	1	60455053144
05216	Block	115mm	225mm	Clean Sand	Purple	Black	Firm	1	60455053227
05215	Hose Kit	-	-	-	-	-	-	-	60455053151



05207

05208

05209

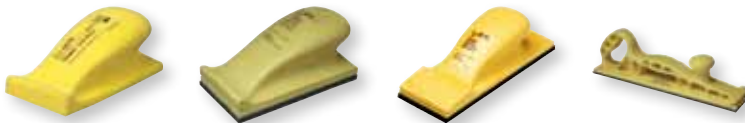
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3M™ Hookit™ Hand Blocks

For use with Hookit™ sheets. Available in various densities and thicknesses for your hand sanding needs.

Part Number	Width	Length	Colour	Face Colour	Density Rating	Hook Type	Order ID
05742	70mm	127mm	Yellow	Yellow	Soft	1	60455033500
05740	70mm	127mm	Yellow	Black	Firm	1	60980032787
05741	70mm	197mm	Yellow	Black	Firm	1	60980032803
05744	70mm	390mm	Yellow	Black	Firm	1	60980032829



05742

05740

05741

05744

3M™ Hookit™ Fairing Boards

Designed for fairing, shaping, sanding and finishing boats, plugs and molds. These boards feature a durable, lightweight construction that combines worker comfort and getting desired results quickly.

Part Number	Type	Width	Length	Colour	Hook Type	Order ID
83978	Flexible	115mm	762mm	Yellow	1	60980021558
09082	Rigid	115mm	762mm	Yellow	1	60430050546
88044	Facing Material	104mm	3.65M	Black	1	60980035830



88044



83978

09082

3M™ Hand Blocks and Pads

The Insta-Lok hand block can be used with nonwoven Surface Conditioning Products such as hand pads and clean and finish materials. The Screen Disc Hand Pad is best suited to hand application of screen mesh discs.

Part Number	Description	Width	Length	Diameter	Thickness	Colour	Hook Type	Density Rating	Order ID
952	Insta-Lok Hand Block	85mm	146mm	-	-	Blue	4	Hard	0274399
05586	Stikit™ Hand Pad	70mm	152mm	-	9.5mm	Black	-	Medium	0137570
82793	Screen Disc Hand Pad	-	-	203mm	25mm	Black	-	Soft	60980017127



952

05586

82793

3M™ Roloc™+ Holders

Rugged, plastic holder provides support for all Roloc™ products including discs and combi wheels. Holder has deeper internal thread to accept products with Roloc™+ buttons.

Part Number	Holder Number	Diameter	Thread Size	Colour	Max RPM	Order ID
09884	1	25mm	1/4" Shank	Black	25,000	FN510078473
09986	2	38mm	1/4" Shank	Black	25,000	FN510078564
09987	3	50mm	1/4" Shank	Black	25,000	FN510079281



09884



09986



09987

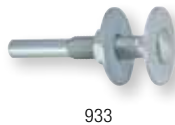
3M™ Unitised Wheel Mandrels

Recommended for use on portable tools. Excellent for edge deburring and finishing applications of small or intricate work pieces. They are available in a wide range of diameters, grades and densities and limited to a thickness no more than 1 inch.

Part Number	Length	Shank Size	Outside Flange Diameter	Wheel Diameter	Wheel Width	Max RPM	Order ID
990	44mm	1/4 Inch	25mm	50-75mm	3-12mm	25,100	61500073343
991	47mm	1/4 Inch	25mm	50-75mm	12-24mm	25,100	61500094208
933	50mm	1/4 Inch	25mm	38-75mm	6-18mm	14,000	61500060969
934	77mm	1/4 Inch	63mm	6-24mm	6-24mm	12,000	61988809341
936	52mm	1/4 Inch	19mm	75-150mm	25mm	22,200	61986508259



990, 991



933



934



936

3M™ Mandrels

Use to hold abrasive strips 25mm x 38mm long. Corrosion protected with thread and shaft machined to industrial standards.

Part Number	Length	Shank Size	Max RPM	Order ID
935	73mm	1/4 Inch	14,000	61988809358



935

3M™ Roloc™ TS Mandrel

Use with 3/4 inch Roloc™ TS and TSM Discs. Designed for cleaning and finishing of airplane seat track channels.

Part Number	Description	Length	Thread Size	Shank Size	Order ID
85097	Track Cleaning	50mm	Roloc™ TS or TSM	1/4 Inch	60980031367



85097

3M™ Wheel Flanges & Adaptors

Wheel flanges are used to reduce wheel cores and internal diameters to fit smaller shaft sizes. These are manufactured of spun aluminium. The wheel adaptors are designed to be used with Scotch-Brite™ wheels that have a 25mm core size so that they can be adapted to tapered spindles.

Part Number	Diameter	Centre Hole Diameter	Use with	Order ID
356	75mm	15.8mm		61988835544
-	-	Tapered	25mm wide x 25mm bore	AC010427253
-	-	Tapered	50mm wide x 25mm bore	AC010427279



356

3M™ Roloc™ Disc Pads and Holders

Rubber back-up pad supports 3M™ Roloc™ abrasive discs in different degrees of hardness for varying grinding applications. Conveniently mounts directly to tools with threaded shafts or used with Roloc™ shank to fit collet chuck tools.

Part Number	Description	Diameter	Thread Size	Colour	Density Rating	Max RPM	Order ID
45102	Disc Shaft	1/4" Shank	1/4-20 EXT	Silver	-	-	0176040
45101	Back-Up Pad	25mm	1/4-20 INT	Black	Medium	30,000	60980037943
45096	Back-Up Pad	50mm	1/4-20 INT	Black	Hard	25,000	60980026961
45095	Back-Up Pad	50mm	1/4-20 INT	Black	Medium	25,000	60440237653
45091	Back-Up Pad	75mm	1/4-20 INT	Black	Hard	20,000	60440237778
45092	Back-Up Pad	75mm	1/4-20 INT	Black	Medium	18,000	60440237661
45090	Back-Up Pad	75mm	1/4-20 INT	Black	Soft	15,000	60440237448
85000	For Angle Grinders	75mm	M10-1.5 INT	Black	Hard	20,000	60440237810
84999	For Angle Grinders	75mm	M14-2.0 INT	Black	Medium	18,000	60980025286



84999



45102

45101

45096

45095

45091

45092

45090

85000

3M™ Perfect-it™ Hookit™ Compounding & Polishing Pads

High performance polishing pads. For use with 3M™ Compounds & Polishes. Use with 3M™ Hookit™ back up pads, part numbers 05717 or 05718.

Part Number	Diameter	Type	Attachment Type	Colour	Order ID
05719	203mm	100 % Wool Compounding	Hook and Loop	White	60455036727
05737	228mm	Foam Compounding	Hook and Loop	White	60455036123
05738	203mm	Foam Polishing	Hook and Loop	Black	60455036149
05733	203mm	Foam Polishing	Hook and Loop	Blue	60455036131



05719

05737

05738

05733

3M™ Superbuff™ Pads

High performance double sided wool compounding pads. For use with 3M™ Polishes and 3M™ Superbuff™ adaptor system.

Part Number	Diameter	Type	Attachment Type	Colour	Order ID
05700	203mm	100 % Wool Compounding	Screw on	White	AS010581614
05701	203mm	Blend Wool Compounding	Screw on	White	XS002000643
05703	203mm	100 % Wool Compounding	Screw on	White	60430050082
05710	14mm - 5/8-11	Adaptor	Screw on	Silver	AC010581588



05700

05701

05703

05710

3M™ Hookit™ Back Up Pads for Compounding & Polishing

High performance pads for use with compounding and polishing pads using the hook and loop attachment system.

Part Number	Diameter	Type	Attachment Type	Colour	Order ID
05717	178mm x 5/8-11	-	Hook and Loop	Yellow	AC010578535
05718	178mm x 5/8-11	Superbuff™	Hook and Loop	Yellow	60980014025



05717

05718





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