



# 3M Accessories

## Angle Grinders

### 3M™ High Pressure Fibre Disc Back Up Pads

3M Ribbed Back-Up Pads have a unique optimised rib pattern and is resistant to temperatures over 100 degrees. Used in conjunction with 3M Cubitron II Fibre Discs this solution offers improved disc life and cut rate resulting in lower cost and higher throughput for the customer.



Part Number	Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density Rating	Max. RPM	Ordering Code
64861	Ribbed Face	125	22	M14-2.0INT or 5/8-11 INT	Red	Extra Hard	12,000	DE272923777
64862	Ribbed Face	180	22	M14-2.0INT or 5/8-11 INT	Red	Extra Hard	8,500	DE272923785
0066	Extended Retaining Nut	-	-	M14-2.0 INT	-	-	-	AC010594029

### 3M™ Fibre Disc Back Up Pads

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 (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density Rating	Max. RPM	Ordering Code
07312	Flat Face	100	16	M10-1.5 INT	Black	Hard	15,200	XC003410104
09583	Flat Face	115	22	M14-2.0INT or 5/8-11 INT	Black	Hard	13,200	XC003410039
09584	Ribbed Face	125	22	M14-2.0INT or 5/8-11 INT	Black	Hard	12,000	XC003410047
09921	Ribbed Face	180	22	M14-2.0INT or 5/8-11 INT	Black	Hard	8,500	DC272921404
0066	Extended Retaining Nut	-	-	M14-2.0 INT	-	-	-	AC010594029

### 3M™ Superbuff™ Adapter

Part Number	Thread Size	Ordering Code
5710	14mm to 5/8"	AC010581588



# Angle Grinders

## 3M™ Hook & Loop Disc Pads

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



Part Number	Description	Diameter (mm)	Pin Diameter (mm)	Thread Size	Colour	Face Colour	Density Rating	Hook Type	Max. RPM	Ordering Code
61677	Centre Pin	100	16	M10-1.5 INT	Black	Black	Firm	7	13,000	GN030104493
914	Contact Pad	100	-	M10-1.5 INT	Black	Black	Firm	7	13,000	AC010593278
9145	Contact Pad	115	-	M14-2.0 INT	Black	Black	Firm	7	13,000	61500138476
61680	Centre Pin	115	22	M14-2.0 INT	Black	Black	Firm	7	12,000	DE272906186
61681	Centre Pin	127	22	M14- 2.0 INT	Black	Black	Firm	7	11,000	DE272906178
915	Contact Pad	127	-	M14- 2.0 INT	Black	Black	Firm	7	10,000	61500138492
915FD	Contact Pad	127	-	5/8- 11 INT	Black	Black	Firm	7	10,000	61500176237
01917	Contact Pad	178	-	M14- 2.0 INT	Black	Black	Firm	7	4,800	DN999983021
20245	Centre Pin	178	22	5/8- 11 INT	Red	Black	Extra Hard	7	8,500	60440179541
61682	Centre Pin	178	22	M14- 2.0 INT	Black	Black	Firm	7	6,000	GN030106126

## 3M™ Flexible Grinding Disc Back Up Pads

Together our Flexible Grinding Wheels & Back Up Pads achieve a high stock removal rate with minimal noise and vibration and can be used in edge beveling, chamfering, gate removal and plate grinding. The backup pad is required for safe operation of flexible grinding wheels. The clear, flexible pad distributes pressure evenly over the work surface and cushions the abrasive action. The ease of use, lower vibration levels and reduced chatter resulting from the flexibility of the abrasive means it produces a better finish which is more easily blended. Less vibration and chatter serves to extend abrasive life, as well and makes for greater operator comfort.

Size (mm)	Type	Ordering Code
100	27	XC002510276
115/125	27	XC002038252
180	27	XC002038278



# Bench Motors

## 3M™ Wheel Adaptors

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.

Centre Hole Diameter	Use With	Ordering Code
Tapered	25mm wide x 25mm bore	AC010592874
Tapered	50mm wide x 25mm bore	AC010596099



# 3M Air Tools

## 3M™ Hookit™ Disc Pads 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 (mm)	Thickness (mm)	Centre Hole Diameter (mm)	Thread Size	Number of Holes	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Ordering Code
20427	Disc Pad Kit	76	12.7	-	5/16- 24 EXT	6	Yellow	Yellow	Medium	1	15,000	60440127995
20350	Tapered Edge	76	12.7	15.7	1/4-20 EXT	3	Red	Black	Firm	1	15,000	60440127227
20465	Low Profile	150	9.39	15.7	5/16-24EXT	53	Red	Black	Firm	2	12,000	60440241143
07390	Tapered Edge	150	19	19	M8-1.25 EXT	6	Yellow	Yellow	Medium	1	12,000	60980016145
50392	Direct Flow	150	19	19	5/16-24EXT	15	Grey	Black	Medium	1	12,000	DC272922360
50394	Direct Flow	150	19	19	M8-1.25 EXT	15	Grey	Black	Medium	1	12,000	AT010581521
50474	Low Profile	150	19	19	5/16-24EXT	15	Yellow	Yellow	Firm	1	12,000	DC272922386
05865	Low Profile	152	19	19	5/16- 24 EXT	25	Yellow	Yellow	Medium	1	12,000	60455031009

## 3M™ Hookit™ Disc Pads for Non Dust Extraction Systems

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



Part Number	Description	Diameter (mm)	Thickness (mm)	Thread Size	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Ordering Code
20355	Low Profile	150	9.39	5/16-24 EXT	Red	Black	Firm	2	12,000	60440241119
07394	Tapered Edge	178	25	M14- 2.0 INT	Yellow	Yellow	Medium	1	6,000	60980027753
947	Tapered Edge	178	25	5/8- 11 INT	Yellow	Yellow	Medium	1	6,000	60980009801
05779	Tapered Edge	203	25	5/8- 11 INT	Yellow	Yellow	Medium	1	3,000	60980013936

## 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 (mm)	Thickness (mm)	Number of Holes	Colour	Face Colour	Density Rating	Hook Type	Max RPM	Ordering Code
50544	150	10	49	Grey	Black	Soft	1	12,000	DC272923988
50545	150	5	49	Grey	Black	Soft	1	12,000	DC272923996
05774	150	10	6	Grey	Black	Soft	1	12,000	XC003410120

# 3M Air Tools

## 3M™ Stikit™ Disc Pad 05576

Our 3M Stikit Abrasive Disc Back-up Pad performs across a large variety of auto body sanding jobs from low-speed polishing and grinding to shaping plastic filler. Durable foam construction and tapered edges maximize performance. Pads work as part of the 3M Stikit system for fast disc changes, optimizing time and disc life.



05576

Part Number	Diameter (mm)	Max RPM	Ordering Code
05576	150	10,000	60455064984

## Hand Sanding

### 3M™ Hand Blocks

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.



05519

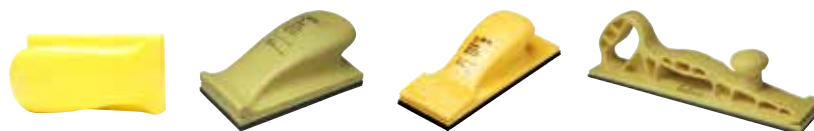
Part Number	Width (mm)	Length (mm)	Colour	Density Rating	Ordering Code
05526	70	140	Black	Soft	60980011930
05519	70	127	Red	Hard	60980020147



05526

### 3M™ Hookit™ Hand Blocks

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



05742

05740

05741

05744

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

### 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.



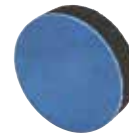
952

Part Number	Width (mm)	Length (mm)	Thickness (mm)	Colour	Hook Type	Density Rating	Ordering Code
952	85	140	-	Blue	4	Hard	61500018652

# Die Grinders

## 3M™ Roloc™ Finesse-it™ Sanding Pad (TR)

3M Finesse-it Roloc Sanding Pads are made with a foam backing that provides conformability during operation. The pad size is ideal for accessing small and hard-to-reach areas. It also provides the convenience of the TR Quick Change Attachment System in combination with 3M Stikit sanding discs. The rubber face is engineered to hold 3M Stikit discs securely in place during use and also provides for fast and easy disc removal.



02345

Part Number	Size (mm)	Thickness (mm)	Colour	Density Rating	Max. RPM	Ordering Code
02345	32	7.8	Black	Medium	10,000	60440238693

## 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.



09884

09991

09986

Part Number	Holder Number	Diameter (mm)	Thread Size	Colour	Max. RPM	Ordering Code
09884	1	25	1/4" Shank	Black	25,000	FN510078473
09991	1 & 7	25	1/4" Shank	Red	25,000	61500072345
09986	2	38	1/4" Shank	Black	25,000	FN510078564

## 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.



933

934

936

990

Part Number	Length (mm)	Shank Size (mm)	Outside Flange Diameter (mm)	Wheel Diameter (mm)	Wheel Width (mm)	Max. RPM	Ordering Code
933	50	6.35	25	38-100	6-18	14,000	61500060969
934	77	6.35	63	75-150	6-24	12,000	61988809341
936	52	6.35	19	75-150	25	22,200	61986508259
990	44	6.35	25	50-75	3-12	25,100	61500073343

## 3M™ Mandrels

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

Part Number	Length (mm)	Shank Size (mm)	Max RPM	Ordering Code
935	73	6.35	14,000	61988809358



935

# Die Grinders

## 3M™ Roloc™ TS Mandrel

Use with 19mm Roloc TS and TSM Discs. Designed for cleaning and finishing of airplane seat track channels.



85097

Part Number	Description	Length (mm)	Thread Size	Shank Size (mm)	Ordering Code
85097	Track Cleaning	50	Roloc TS or TSM	6.35	60980031367

## 3M™ Roloc™ Disc Holder No 4

Use 3M Roloc + Holder for right angle grinding to support all Roloc products, including discs and combo wheels. Our holder features a deeper internal thread to accept products that have Roloc buttons, and can be used for right angle grinding.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
75 × 6	Disc Holder No 4	Black	18,000	FN510078820

## 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.



45102



45101



45096



85000



84999



45095



45091



45092



45090

Part Number	Description	Diameter (mm)	Thread Size	Colour	Density Rating	Max RPM	Ordering Code
45102	Disc Shaft	6.35	1/4-20 EXT	Silver	-	-	AC010591421
45101	Back-Up Pad	25	1/4-20 INT	Black	Medium	30,000	60980037943
45096	Back-Up Pad	50	1/4-20 INT	Black	Hard	25,000	60440237786
45095	Back-Up Pad	50	1/4-20 INT	Black	Medium	25,000	60440237653
45091	Back-Up Pad	75	1/4-20 INT	Black	Hard	20,000	60440237778
45092	Back-Up Pad	75	1/4-20 INT	Black	Medium	18,000	60440237661
45090	Back-Up Pad	75	1/4-20 INT	Black	Soft	15,000	60440237448
85000	For Angle Grinders	75	M10-1.5 INT	Black	Hard	20,000	60440237810
84999	For Angle Grinders	75	M14-2.0 INT	Black	Medium	18,000	60980025286

# Safety Precautions

1. Read all instructions before using product. All operators must be fully trained in tool usage and be aware of these safety rules.
2. The Tool Max RPM should be checked on a regular basis to ensure proper operating speed.
3. Make sure the tool is disconnected from the air/electric supply. Select a suitable abrasive and secure it to the disc pad or spindle. Be careful to centre the abrasive on the disc pad.
4. Always wear required safety equipment.
5. Always remove the air/electricity supply to the tool before fitting, adjusting or removing the abrasive or disc pad.
6. Always adopt a firm footing and grip and be aware of torque reaction developed by the tool.
7. Always ensure the material being worked is firmly fixed to avoid movement.
8. Check air hose and fittings regularly for wear. Do not carry the tool by its hose; always be careful to prevent the tool from being started when carrying the tool with an air supply connected.
9. Dust can be highly combustible.
10. If tool is serviced or rebuilt, check to ensure that the maximum tool RPM is not exceeded and that there is no excessive tool vibration.
11. Do not exceed maximum recommended air pressure. Use safety equipment as recommended.
12. Prior to installing any shaft mounted abrasive or sanding or grinding accessory, always check that its marked maximum operating speed is equal or higher than the rated speed of this tool.
13. The tool is not electrically insulated. Do not use where there is a possibility of contact with live electricity, gas pipes, and/or water pipes.
14. Take care to avoid entanglement with the moving parts of the tool with clothing, ties, hair, cleaning rags or loose hanging objects. If entangled, stop air/electricity supply immediately to avoid contact with moving tool parts.
15. Keep hands clear of the spinning pad or spindle during use.
16. If the tool appears to malfunction, remove from use immediately and arrange for service and repair.
17. Do not allow the tool to free spin without taking precautions to protect any persons or objects from the loss of the abrasive or pad rupture.
18. Immediately release the start handle in the event of any disruption of pressure; do not attempt to re-start until the disruption has been corrected.
19. When the tool is not in use, store in a clean, dry environment free of debris.
20. Recycle or dispose of tool according to Local, State and Federal regulations.
21. Operators and maintenance personnel should be able to handle the bulk, weight and power of the tool.
22. For overhead work, wear a safety helmet.
23. Be aware that the tool will continue to run for a short period of time after the release of the start handle.
24. Operators should adopt a comfortable posture whilst maintaining a secure footing and avoiding awkward or off balance postures. Operators should change posture during extended tasks; this can help avoid discomfort and fatigue.
25. Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by the tool or surrounding work area and also of the trip hazards associated with air/power lines.
26. Proceed with care in unfamiliar surroundings. There can be hidden hazards such as electricity lines or gas pipes.
27. Whipping hoses and wire can cause severe injury.
28. Whenever universal twist couplings (claw couplings) are used, lock pins should be installed and whip check safety cables should be used to safe guard against a possible hose-to-tool connection failure.

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