3M Abrasives Bestseller Product Catalogue

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3M Advanced Technologies

3M Precision-Shaped Grain

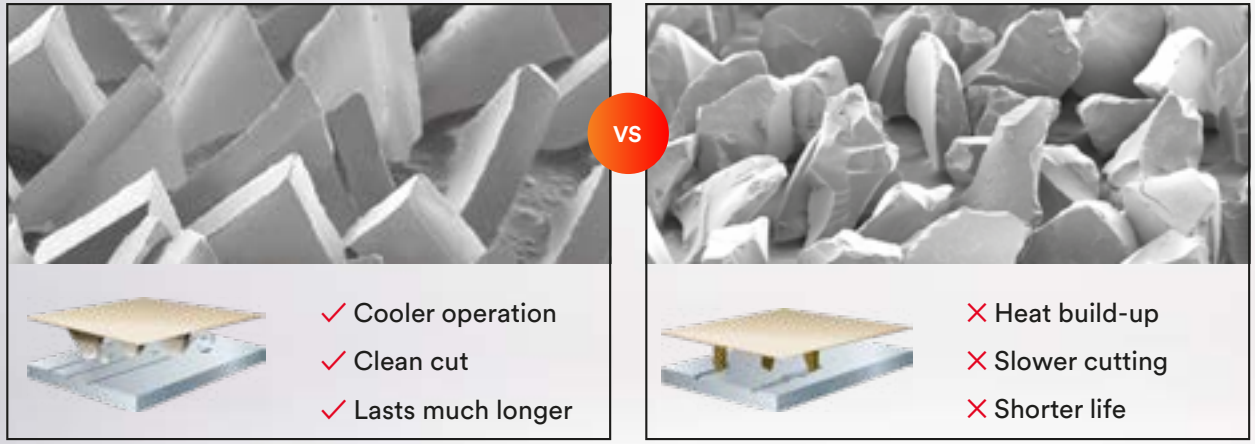
CUBITRON™ II

Almost all of our entire coated abrasive range now uses the proprietary 3M Precision-Shaped Grain (PSG) – precisely shaped, uniformly sized and vertically orientated triangles of ceramic aluminium oxide.

These self-sharpening triangles are designed to fracture as they wear, continuously forming new, super sharp points and edges that slice cleanly through the metal like a knife, instead of gouging or ploughing, like traditional crushed grain minerals.

This prevents heat from building up in the workpiece – reducing heat related stress cracks and discolouration. Additionally, because the abrasive itself stays cooler and sharper, it lasts many times longer than conventional ceramic grains, increasing efficiency and productivity.

3M's Precision-Shaped Grain technology can help to reduce exposure to hand-arm vibration (HAVS), airborne particles and noise hazards in the workplace.*



The self-sharpening abrasive slices through the metal with less pressure, cutting faster than conventional abrasives, helping to minimise the time spent holding the vibrating tool. The swarf is larger and longer, staying airborne for less time, helping to reduce the exposure to airborne hazards. Noise exposure can also be reduced by completing the job quicker and using abrasives that create less noise.

*According to Independent testing by VITO and the Fraunhofer Institute

Cuts faster

Increased productivity

Works harder

Increased safety

Minimise hand-arm vibration

Reduce airborne particles

Create less noise

Non-Woven Technology

The Scotch-Brite™ brand containing surface conditioning products includes a wide variety of non-woven synthetic fibre webs suitable for a wide range of applications. These products are well suited for cleaning, blending, deburring, finishing and polishing, which improves surfaces without significantly changing the shape or dimension of the workpiece. Scotch-Brite™ abrasives run cool, and resist loading due to their open web construction. This reduces the risk of part discolouration and warping and extends the life of the product.

The conformability of Scotch-Brite™ products means they follow the surface of the substrate more easily than coated abrasives, so they can finish and blend scratches more quickly – without altering the surface geometry.

The perfect finish starts with Scotch-Brite™

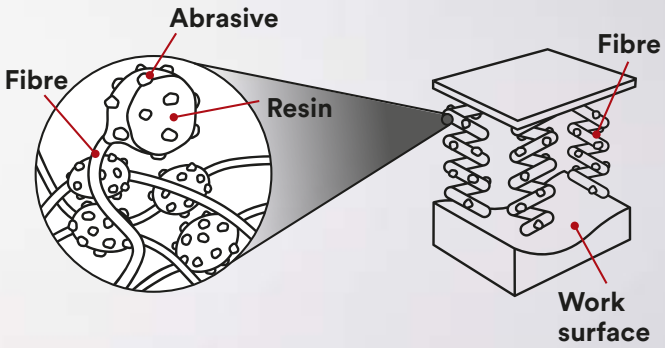
Performance. Durability. Reliability. Excellence. We don't release a surface conditioning product until we can guarantee it delivers all four. Because at Scotch-Brite™, our standards are as high as yours. After all, if you don't compromise on quality, why should we?

Scotch-Brite™ Non-Woven Technology explained

Our unique Non-Woven Web binds together synthetic fibres and abrasive particles to create a conformable, three-dimensional material. Its open structure reduces the risk of warping or discolouring the part, resists loading, improves finish and prolongs the product's life.

What's more, our Non-Woven Web is engineered to continually expose fresh abrasive to the work surface, for a consistent, smoother finish – without the risk of overworking the part and disturbing critical tolerances.

3D open web **Spring action**



What makes Scotch-Brite™ the best you can buy?

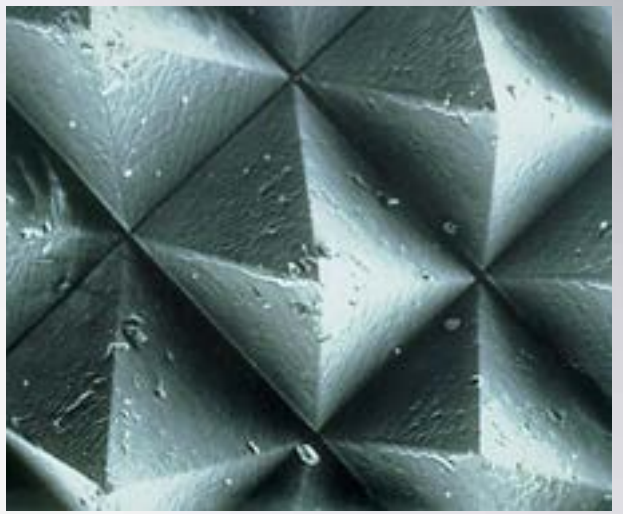
- A tough, non-woven nylon web impregnated with resin and mineral throughout its structure
- Spring-like action produces a smooth, burr-free surface
- Uniform, consistent results with no undercutting
- Suitable for deburring, finishing, cleaning and small weld removal applications
- Easy to use, less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

Micro-Replicated Technology

Trizact™

Featuring precisely-shaped, three-dimensional abrasive structures, our 3M™ Trizact™ Abrasives are ideal for work where consistent, refined finishes are essential. 3M microreplication technology makes Trizact™ more consistent and uniform than any conventional abrasive.

Trizact™ also runs cooler vs. conventional abrasives – excellent for grinding, and for working with substrates that can easily discolour. Micron-graded mineral abrasives can help you achieve fine finishes even to tough surfaces like stainless steel, chromium, nickel and cobalt-based materials. What's more, 3M™ Trizact™ Abrasives continually expose fresh cutting surfaces as they wear. The results are unmistakable: higher productivity, longer abrasive life, lower reject rates, and more consistent and uniformly smooth and refined finishes.



Why 3M™ Trizact™ Abrasives?

No matter what the challenge in finishing work – more consistent results, lower material costs, faster production – our selection of 3M™ Trizact™ abrasive sheets, discs, and belts can refine your entire operation.

Consistency from start to finish

3M™ Trizact™ Abrasives are the only industrial abrasives to feature 3M microreplication technology: precisely-shaped, three-dimensional mineral structures distributed uniformly over the abrasive backing.

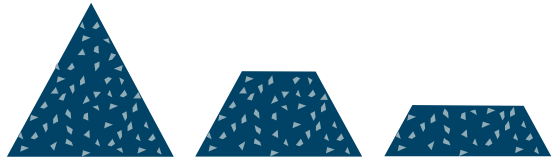
This evenly-spaced configuration results in truly consistent performance – disc after disc, belt after belt, part after part and job after job – that you won't get from any non-microreplicated abrasive.

Conventional grain

Stays sharper for longer

Conventional abrasives start out sharp, but dull quickly during use.

As the mineral structures in 3M™ Trizact™ Abrasives wear, fresh, sharp mineral is exposed, keeping them sharper for longer periods vs. conventional abrasives. This results in a faster cut and longer abrasive life.



Trizact™ micro-replicated

Applications

Typical Abrasive Process

Key

= Solution offered by 3M™ Abrasives

Product Symbols

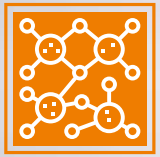
Substrate

Stainless steel

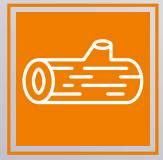
Mild steel

Aluminium

Preparation for painting, sanding, finishing for fillers, primers and paints



Composite and plastic materials



Wood

Abrasive grain type

3M Precision-Shaped Grain (Ceramic)

Alumina zirconia

Aluminium oxide

Silicon carbide

PPE symbols

Wear appropriate respiratory protection

Wear appropriate safety glasses

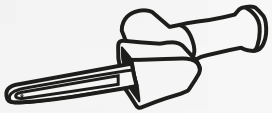
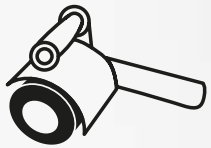
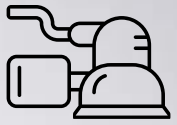
Wear appropriate hearing protection

Wear gloves that protect from sparks

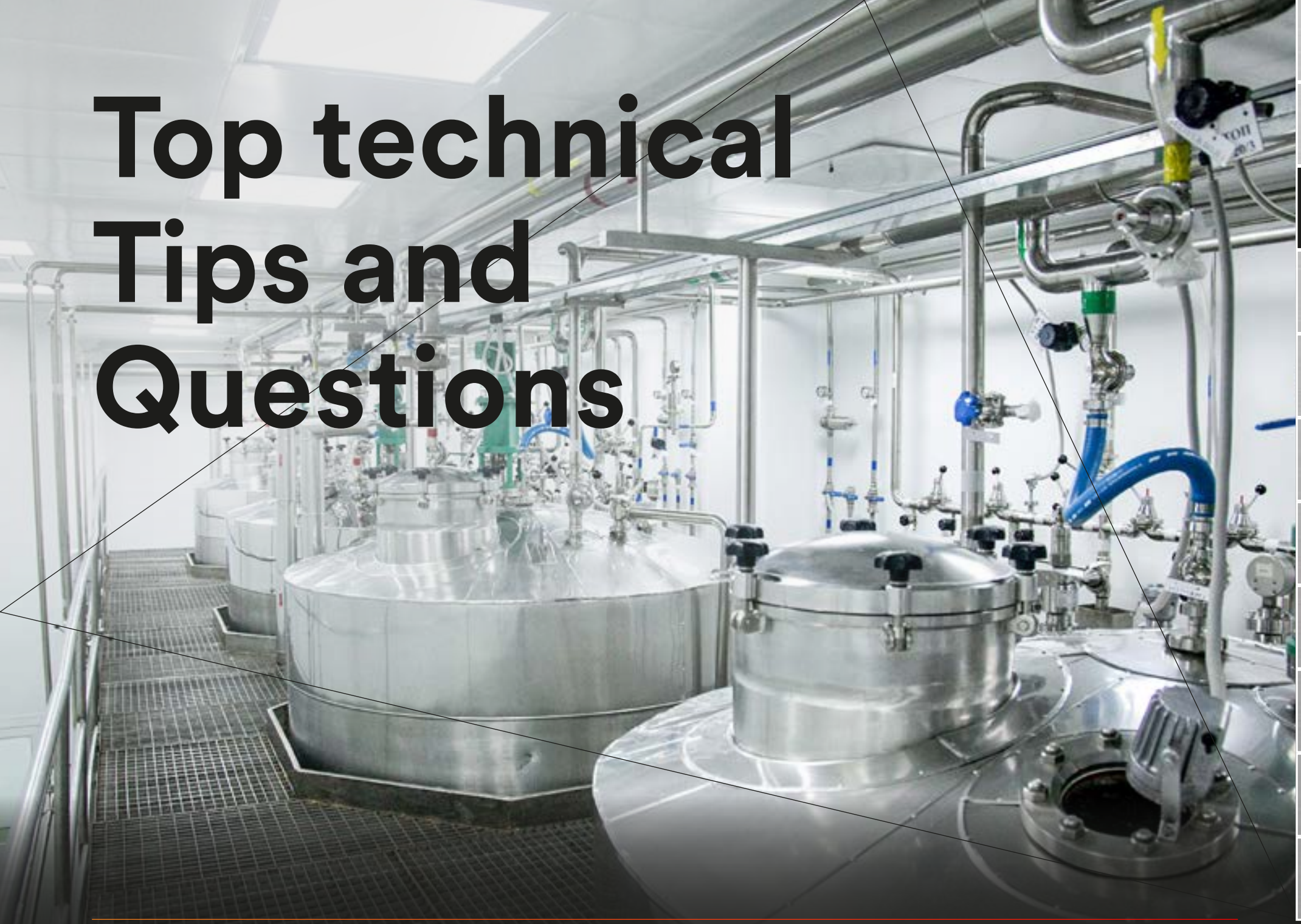
Wear an apron designed to protect from sparks

Wear protective visor in place of safety glasses

Selecting Your Tool

Application	Tool: Right Angle Grinder	Tool: File Belt Sander	Tool: Linear Finishing Machine	Tool: Backstand Machine	Tool: Random Orbital Sander
					
Cutting	✓				
Deburring	✓	✓		✓	
Weld grinding and stock removel	✓	✓		✓	
Edge preparation/ bevelling	✓	✓		✓	
Refining	✓	✓	✓	✓	✓
Cleaning	✓	✓	✓	✓	
Surface preparation	✓	✓	✓	✓	✓
Blending/satin finishing	✓	✓	✓	✓	✓
Fine finishing/pre-polish	✓	✓	✓	✓	✓
Paint denibbing					✓

Top technical Tips and Questions



Top Technical Tips

Given the ever growing number of tools and consumables on the market, and the variety of work that industry demands, the process of selecting the right solution is not a simple one, with many criteria needing to be considered.

Achieving the right finish

Metalwork finishing usually demands either a cosmetic or a measured finish. In cosmetic applications, it is generally enough for the final product to have a good aesthetic appearance unless further processes such as painting, powder coating or lacquering are to take place, in which case the abrasive must deliver a surface which is sufficiently receptive to these coatings.

A measured finish will require the ability to demonstrate that the finished workpiece is within a pre-agreed tolerance. These applications generally require the finest abrasives at the end of the process, and for that reason, when specifying, it is often easier to 'start with the finish'.

TOP TIPS

- Take time to understand the application and surface finish the customer wants
- Check their machinery is up to the task, optimising pressure, speed and power
- If the factors are right, make sure you supply the best product to carry out the application
- If not, can they be changed or look to recommend a product that will suit the parameters you have to work with

The role of equipment

Perhaps the largest issue affecting abrasive consumables is the type and performance of the equipment with which they will be used. Even the best quality abrasives, if not used in the right way on the right types of machinery, are unlikely to deliver the required results.

When it comes to power, in almost every case, more is better.

Not only will each work piece be processed more quickly, but the greater speed means less heat and less potential for damage.

The force being applied by the machinery must also be considered:

- A backing pad or contact wheel which is too soft will not maximise the efficiency of the abrasive
- A ribbed high-performance pad or a grooved hard contact wheel will deliver the required impact pressure to maximise the efficiency of the abrasive without adding to vibration

For best results abrasives should be used at the correct tool speeds which may not always be the maximum operating speed (MOS). Running at speeds higher than the MOS could lead to abrasive failure and the compromise on operator safety.

Understand product value and performance

Life, cost and productivity need to be factored in to assess the true value of an abrasive product.

To calculate this, we need to work out both the life of the product and the time it takes to complete the process (the cut rate).

For example, it can be all too easy to dismiss an abrasive if it costs twice the price of a competitive product, but if it can process three times as many parts and takes less time to complete the application, the investment is a sound one.

The Perfect Ten Blueprinting Questions

The Perfect 10 Questions

1. **What do you manufacture on this site?**

2. **Which metals do you typically work with? (mild steel, stainless steel etc)**

3. **What process steps are involved in the manufacturing of your product/s?**
   - What is your final surface finish requirement? (e.g. measured, cosmetic)
   - What is the final process step? (paint, powder coat)

4. **What machines do you use?**
   - Air or electric?
   - Tools speeds?
   - Factors affecting belt machines – contact wheel hardness?

5. **What sequence of abrasives do you currently use? (grades, brand etc)**

6. **What is the approx. weekly, monthly or annual usage of the abrasives involved?**

7. **Which areas in the current process cause issues that could be improved?**
   - Production costs?
   - Product quality?
   - Reduction of rejects?
   - Productivity (volumes, process times)?
   - Operator welfare (H&S, dust, noise, vibration and injury)?

8. **Are there any constraints with the work piece or in the process that prevent these improvements being made?**
   - Product weight, size, shape, specification?
   - Floor space, operator skillset?

9. **Have you thought about automation?**

10. **Can you measure value/performance?**

Top Ten Scotch-Brite™ Blueprinting Questions

1. **What do you manufacture on this site?**

2. **Which metals do you typically work with? (mild steel, stainless steel etc)**

3. **What process steps are involved in the manufacturing of your product/s?**
   - What is your final surface finish requirement? (e.g. measured, cosmetic)

4. **What machines do you use? (please also state whether air or electric)**
   - Angle grinder
   - Die grinder
   - Random orbital sander
   - Small disc sander
   - File belt sander
   - Backstand machine
   - Bench motor
   - Inline sander/match and finish type sander
   - Other, please specify...

5. **Do you carry out any of the following applications? If so what abrasives do you currently use to carry out these applications?**
   - Deburring
   - Surface preparation
   - Refining
   - Blending
   - Finishing
   - Cleaning

6. **Which areas in your current process cause issues that could be improved?**

Production cost

- Long life can reduce consumable cost
- Better finish may allow 2 steps to be reduced to 1 step
- Controlled cut means it will not alter part geometry so less skilled operators can be used (lower wage cost)

Product quality

- Consistent finish means same result every time
- Better finish improves product appearance

Reduction of rejects

- Controlled cut means it will not alter part geometry so reduces the possibility of overworking the part
- Consistent finish means same result every time

Productivity (lead-times, volume)

- Better finish may allow 2 steps to be reduced to 1 step
- Controlled cut means it can be used without danger of damaging the part so operators do not need to take same level of care leading to faster production time
- Conformability makes it easier to follow uneven surfaces so produces faster results

Operator welfare (health and safety, ease of use)

- Synthetic nylon web construction means they do not produce flying particles that could cause injury
- Softer conformable nature mean they run more quietly and are gentler to use so reducing operators' exposure to noise and vibration
- Less aggressive action means there is less chance of abrasion related injuries

Right Angle Grinder

Right Angle Grinder

Right Angle Grinders are commonly used for removing excess material from a work piece. They are widely used in metalworking due to their versatile access and usage.

In some cases, the entire mild steel process applications can be done with a Right Angle Grinder – from cut to smooth finish.

There are a large variety of angle grinders to choose from when trying to find the right one for the job. The most important factors in choosing the right grinder are the disc size and how powerful the motor is. Other factors include power source (pneumatic or electric), RPM, and arbor size. Generally disc size and power increase together. Electric grinders are more commonly used for larger, heavy duty jobs.

Pneumatic grinders are generally used for lighter duty jobs where more precision is required. This is likely because pneumatic grinders can be small and light yet remain powerful, as they do not contain heavy copper motor windings, while it is harder for an electric grinder to maintain adequate power with smaller size.

View product information tables

3M™ Electric Right Angle Grinders

COMING SOON to the UK

Get the system advantage.

This powerful tool features superior performance and worldclass ergonomic design. It's designed with robust components for durability and reliability in the harshest industrial conditions.

The new electric grinder is available in 115mm and 125mm and fixed or variable speed. Designed with robust components, these grinders are built for durability in the harshest industrial conditions. They're the powerful and long-lasting tools you need to get more done.

- 1900 W power
- Available in fixed or variable speeds
- World class ergonomic design
- Robust design and components provide durability in industrial conditions
- Restart protection
- Adjustable guard
- Accessories for maximum functionality and flexibility
- Direct cooling for a long service life
- Overload protection
- Kickback control

View product information tables

Right Angle Grinder

Where is it used?

- Cutting
- Deburring
- Bevelling
- Weld grinding and stock removal
- Blending
- Surface preparation
- Cleaning paint/rust/mill scale

What segment is it used in?

- Metal fabrication
- Industrial equipment
- Transportation
- Machinery and equipment
- General metal working

Which portfolio is best for your customer?

Choose 3M™ Cubitron™ II Abrasives for their legendary speed and long life, or Advanced Series discs and wheels for value-priced performance. Scotch-Brite™ Abrasives deliver consistent, reproducible results, making it easy to ensure quality finishes.

What's most important?	Choose this family of 3M abrasives
Speed and long life – to improve productivity and lower overall production costs	**Premium Series – 3M™ Cubitron™ II Abrasives**
Value-priced performance – to minimise abrasive spend while getting the job done efficiently	**Advanced Series – 3M™ Abrasives**

Which right angle product is best for your customer?

These general guidelines are a good starting point. Refer to the rest of the field guide for recommended products in specific applications.

What's most important?	Choose this type of abrasive
Speed	**Fibre discs**
Life time.	**Depressed Centre Grinding Wheels**
Ease of use	**Flap discs**

Did you know? Although grinding wheels have a longer lifetime, fibre discs remove stock at a faster rate and will remove more material in their lifetime.

Right Angle Grinder

Premium application guide – top performance

Application	Metal	Option 1	Option 2	Option 3
Cutting	Mild/carbon steel	3M™ Cubitron™ II Cut-Off Wheel	3M™ Silver Cut-Off Wheel	3M™ Cubitron™ II Cut and Grind Wheel
	Stainless steel			
Edge rounding/ radiussing	Mild/carbon steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Surface Conditioning Disc SE-DH (edge durability)	Scotch-Brite™ Surface Conditioning Disc SC-DH
	Stainless steel			
	Non ferrous metals			
Deburring	Mild/carbon steel	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	Scotch-Brite™ Bristle Brush
	Stainless steel	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	
	Non ferrous metals			
Grinding/weld preparation	Mild/carbon steel	3M™ Cubitron™ II Fibre Disc 982CX PRO 36+	3M™ Cubitron™ II Depressed Center Grinding Wheel 3M™ Cubitron™ II Flap Disc 969F 40+	3M™ Cubitron™ II Flexible Grinding Wheel
	Stainless steel	3M™ Cubitron™ II Fibre Disc 987C 36+		
	Non ferrous metals		3M™ Cubitron™ II Flap Disc 969F 40+	
Notching/gauging	Mild/carbon steel	3M™ Cubitron™ II Cut and Grind Wheel	3M Silver Cut and Grind Wheel	
	Stainless steel			
	Non ferrous metals			
Weld grinding and stock removal	Mild/carbon steel	3M™ Cubitron™ II Fibre Disc 982CX PRO 36+, 982C 60+	3M™ Cubitron™ II Depressed Centre Grinding Wheel	3M™ Cubitron™ II Flap Disc 969F 40+
	Stainless steel	3M™ Cubitron™ II Fibre Disc 987C 36+ or 60+	Scotch-Brite™ Surface Conditioning Disc PN-DH	
	Non ferrous metals	3M™ Cubitron™ II Fibre Disc 987C 36+ or 60+	3M™ Cubitron™ II Depressed Center Grinding Wheel	
Cleaning	Mild/carbon steel	Scotch-Brite™ Clean and Strip XT PRO Disc XO-RD	Scotch-Brite™ Bristle	Scotch-Brite™ Clean and Strip XT PRO Extra Cut Disc
	Stainless steel			
	Non ferrous metals			

Continued...

View product information tables

Right Angle Grinder

Premium application guide – top performance (Continued)

Application	Metal	Option 1	Option 2	Option 3
Refining	Mild/carbon steel	3M™ Cubitron™ II Fibre Disc 982C 60+ or 80+	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	3M™ Cubitron™ II Flap Disc 969F 60+ 80+ 120+ 3M™ Cubitron™ II Hookit™ 947A 120+
	Stainless steel	3M™ Cubitron™ II Fibre Disc 987C 60+ or 80+	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	
	Non ferrous metals			
Blending	Mild/carbon steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	3M™ Cubitron™ II Flap Disc 967A
	Stainless steel			
	Soft metals			
Surface preparation	Mild/carbon steel	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	Scotch-Brite™ Clean and Strip XT PRO Disc	3M™ Cubitron™ II Flap Disc 967A
	Stainless steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH		
	Non ferrous metals	Scotch-Brite™ Surface Conditioning Disc SC-DH		
Fine finishing	Mild/carbon steel	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Surface Conditioning Disc SC-DH
	Stainless steel			
	Non ferrous metals			

View product information tables

Right Angle Grinder

Advanced series – value-priced performance

Application	Metal	Option 1	Option 2	Option 3
Cutting	Mild/carbon steel	3M™ Silver Cut-Off Wheel	3M™ Cut and Grind Wheel	
	Stainless steel			
Edge rounding/ radiussing	Mild/carbon steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Surface Conditioning Disc SE-DH (edge durability)	Scotch-Brite™ Surface Conditioning Disc SC-DH
	Stainless steel			
	Non ferrous metals			
Deburring	Mild/carbon steel	Scotch-Brite™ Light Grinding and Blending Disc Disc GB-DH	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	3M™ 769F flap disc Scotch-Brite™ Bristle Brush
	Stainless steel	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	
	Non ferrous metals			
Grinding/weld preparation	Mild/carbon steel	3M™ Fibre Disc 782C 36+	3M™ Silver Depressed Centre Grinding Wheel 3M™ Flap Disc 769F 40+	3M™ Cubitron™ II Flexible Grinding Wheel
	Stainless steel	3M™ Fibre Disc 787C 36+		
	Non ferrous metals		3M™ Flap Disc 769F 40+	
Notching/gauging	Mild/carbon steel	3M™ Cut and Grind Wheel		
	Stainless steel			
	Non ferrous metals			
Weld grinding and stock removal	Mild/carbon steel	3M™ Fibre Disc 782C 36+, 60+	3M™ Silver Depressed Centre Grinding Wheel	3M™ Flap Disc 769F
	Stainless steel	3M™ Fibre Disc 787C 36+ or 60+	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	
	Non ferrous metals		3M™ Silver Depressed Centre Grinding Wheel	
Cleaning	Mild/carbon steel	Scotch-Brite™ Clean and Strip XT PRO Disc XO-RD	Scotch-Brite™ Bristle	Scotch-Brite™ Clean and Strip XT PRO Extra Cut Disc
	Stainless steel			
	Non ferrous metals			

Continued...

View product information tables

Right Angle Grinder

Advanced series – value-priced performance (Continued)

Application	Metal	Option 1	Option 2	Option 3
Refining	Mild/carbon steel	3M™ Fibre Disc 782C 60+ or 80+	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	3M™ Flap Disc 769F
	Stainless steel	3M™ Fibre Disc 787C 60+ 80+ or 120+	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	
	Soft metals			
Blending	Mild/carbon steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	3M™ Flap Disc 769F
	Stainless steel			
	Non ferrous metals			
Surface preparation	Mild/carbon steel	Scotch-Brite™ Light Grinding and Blending Disc GB-DH	Scotch-Brite™ Clean and Strip XT PRO Disc	3M™ Flap Disc 769F
	Stainless steel	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH		
	Non ferrous metals	Scotch-Brite™ Surface Conditioning Disc SC-DH		
Fine finishing	Mild/carbon steel	Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD	Scotch-Brite™ Precision Surface Conditioning Disc PN-DH	Scotch-Brite™ Surface Conditioning Disc SC-DH
	Stainless steel			
	Non ferrous metals			

View product information tables

Factors Affecting the Perfect Finish

Given the ever-growing number of tools and consumables on the market, and the many tasks they are able to perform, the process of selecting the right solution is not a simple one, with many criteria needing to be considered.

The role of equipment

Perhaps the largest issue affecting abrasive consumables is the type and performance of the equipment with which they will be used. Even the best quality abrasives, if not used in the right way on the right types of machinery, are unlikely to deliver the required results.

When it comes to power, in almost every case, more is better.

Not only will each workpiece be processed more quickly, but the greater speed means less heat and less potential for damage.

The force being applied by the machinery must also be considered:

- A backing pad which is too soft will not maximise the efficiency of the abrasive
- A ribbed high-performance pad will deliver the required impact pressure to maximise the efficiency of the abrasive without adding to vibration but will leave a coarser finish

Achieving the right finish

Metalwork finishing usually demands either a cosmetic or a measured finish. In cosmetic applications, it is generally enough for the final product to have a good aesthetic appearance unless further processes such as painting, powder coating or lacquering are to take place, in which case the abrasive must deliver a surface which is sufficiently receptive to these coatings.

A measured finish will require the ability to demonstrate that the finished workpiece is within a pre-agreed tolerance.

These applications generally require the finest abrasives at the end of the process, and for that reason when specifying it is often easier to ‘start at the finish’.

Product Information

Premium abrasives

3M™ Cubitron™ II Cut-Off Wheel

3M™ Cubitron™ II Cut and Grind Wheel

3M™ Cubitron™ II Depressed Centre Grinding Wheel

3M™ Cubitron™ II Flexible Grinding Wheel

3M™ Cubitron™ II Flap Disc 969F

3M™ Cubitron™ II Flap Disc 967A

3M™ Cubitron™ II Fibre Disc 982CX Pro

3M™ Cubitron™ II Fibre Disc 982C

3M™ Cubitron™ II Fibre Disc 987C

Scotch-Brite™ Light Grinding and Blending Disc

Scotch-Brite™ Precision Surface Conditioning Disc

Scotch-Brite™ Deburr and Finish Pro

Scotch-Brite™ Clean and Strip XT Pro Disc

Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc

Scotch-Brite™ Radial Bristle Disc RD-ZB

View product information tables

Product Information

Advanced abrasives

3M™ Silver Cut-Off Wheel

3M™ Silver Depressed Centre Grinding Wheel

3M™ Flap Disc 769F

3M™ Cut and Grind Wheel

3M™ Fibre Disc 782C

3M™ Fibre Disc 787C

Scotch-Brite™ Surface Conditioning Disc

View product information tables

3M™ Cubitron™ II Cut-Off Wheel

– Premium series

Cutting

PSG

3M™ Cubitron™ II Cut-Off Wheels are designed to provide high cut rates on all types of ferrous metals, stainless steels, alloy steels and cast iron. They offer long life to help reduce cost. Plus, their fast, cool cutting action helps make your job easier!

- Engineered to cut faster and last longer than competitive ceramic products
- 3M Precision-Shaped Grain is self-sharpening, runs cool and optimises mineral breakdown for extra-long life
- Rigid, reinforced resin-bonded wheel slices through almost all materials
- Wheel must have a maximum operating speed greater than or equal to the maximum speed of the power tool used

Increase worker safety with 3M™ Cubitron™ II

SAFETY BUILT IN

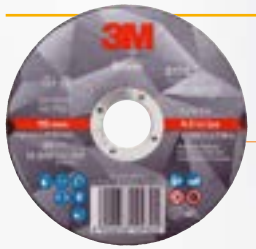
Using 3M™ Cubitron™ II Cut-Off Wheels can help to:

- Minimise hand-arm vibration – less time on the tool due to its fast cutting abrasive grain
- Reduce airborne particles - longer, larger swarf staying airborne for less time
- Reduce noise exposure by completing the task quicker

View product information tables

3M™ Silver Cut-Off Wheel

– Advanced series



Cutting

PSG AO

3M™ Silver Cut-off Wheels are a new kind of advanced performance wheel designed to be affordable for everyday use. Featuring 3M Precision-Shaped Grain technology, these innovative wheels deliver fast, smooth cutting action on all types of ferrous metals, stainless steels and alloy steels.

- Cuts cleanly with minimal burrs
- Cuts quickly through metal pipes, tubes, flat sheets and more
- 3M Precision-Shaped Grain cuts cleanly and fast, helping to increase productivity
- Long-lasting wheel provides great performance value

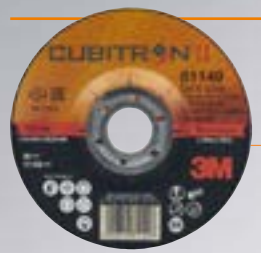
TOP TIPS

Cut-off wheels perform better the faster they run, so having a tool able to maintain speed is crucial. WARNING: Do not exceed the specified maximum RPM.

View product information tables

3M™ Cubitron™ II Cut and Grind Wheel

– Premium series



Cutting and gouging

PSG

Specially for gauging and notching applications. Designed to be used as both a depressed centre grinding wheel and a cut-off wheel for outstanding versatility. Less chatter on back gouging and root pass grinding.

- Premium series: 3M™ Cubitron™ II Cut and Grind Wheels
- These versatile wheels are designed to be used both as a depressed centre grinding wheel and as a cut-off wheel – making them ideal for cutting, grinding, gouging and more
- After 10 minutes of use, they nearly double the output of our closest competitor while removing nearly 2x the material

View product information tables

3M™ Cut and Grind Wheel

– Advanced series

Cutting and gouging

PSG AO

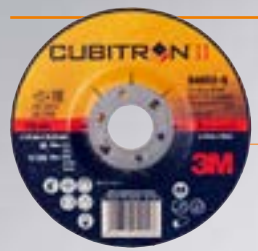
3M™ Cut and Grind Wheels contain Precision-Shaped Grain for fast cut and long life. Specifically formulated to be used on mild and stainless steel for all gauging, grinding and notching applications.

- Fast cut
- Long life
- Cool cutting
- Perfect value/price choice

View product information tables

3M™ Cubitron™ II Depressed Centre Grinding Wheel

– Premium series



- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal

PSG

3M™ Cubitron™ II depressed centre grinding wheels with 3M Precision-Shaped Grain are engineered to cut faster than competitive ceramic products, offering significant productivity gains.

- Triangular shaped ceramic grain wears evenly, runs cool, and optimises mineral breakdown, for extra long life
- Rigid, reinforced resin-bonded wheel slices through almost all materials including stainless steel, mild steel, and aerospace alloys
- Wheel must have a maximum operating speed greater than or equal to the maximum speed of the power tool used

Increase worker safety with 3M™ Cubitron™ II

SAFETY BUILT IN

Using 3M™ Cubitron™ II Depressed Centre Grinding Wheels can help to:

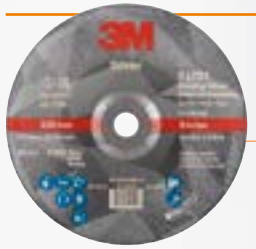
- Reduce hand-arm vibration by up to 64%
- Reduce airborne particles released into the workplace by up to 40%*
- Reduce noise level by up to 3dB*

*Compared to a conventional abrasive grinding disc – according to independent testing by VITO and the Fraunhofer Institute

View product information tables

3M™ Silver Depressed Centre Grinding Wheel

– Advanced series



- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal

PSG AO

- Suitable for heavy grinding, bevelling and weld removal
- 3M Precision-Shaped Grain cuts cleanly and fast, helping to increase productivity
- Long-lasting wheel provides great performance value
- Use on a variety of substrates such as carbon steel and stainless steel

View product information tables

3M™ Cubitron™ II Flexible Grinding Wheel

- Premium series

- Deburring
- Edge preparation/bevelling
- Grinding
- Shaping and sanding

PSG

The 3M™ Cubitron™ II Flexible Grinding Wheel is designed to help you grind, shape and sand as fast as possible on a variety of metal materials. Utilising 3M Precision-Shaped Grain that cuts fast and cool, while still offering enhanced flexibility.

3M™ Cubitron™ II Flexible Grinding Wheels provide a faster cut and less than half the wear of our next-best flexible grinding wheel. The world's first flexible grinding wheel featuring revolutionary 3M Precision-Shaped Grain – an advanced abrasive construction featuring microreplicated shapes that slice through metal to cut faster, last longer and run cooler than conventional abrasives.

- Designed to grind, shape and sand on a variety of metal materials
- 3M™ Precision-Shaped Grain offer excellent cut rate and enhanced flexibility vs standard depressed centre grinding wheels
- Resin bond helps retain strength and performance under grinding operations
- Available in a variety of sizes and grades

View product information tables

3M™ Cubitron™ II Flap Disc 969F

- Premium series

- Deburring
- Weld grinding and stock removal
- Blending
- Surface preparation
- Refining

PSG

3M™ Cubitron™ II Flap Disc 969F is made with layers of abrasive material. Our flap discs are unique in design and feature a fast cutting abrasive material on flaps of tough polyester cloth. These discs come with a grinding aid and semi-flexible, Y-weight, backing gives each flap excellent strength.

- Abrasive flap design provides a soft and smooth cut on rounded or irregular surfaces
- Flaps wear down to expose fresh abrasive mineral, assuring a fast and consistent cut
- 3M™ Cubitron™ II abrasive cuts exceptionally fast, helping increase productivity
- Durable polyester backing material for high unit pressure applications

Increase worker safety with 3M™ Cubitron™ II

SAFETY BUILT IN

Using 3M™ Cubitron™ II Flaps Discs can help to:

- Minimise hand-arm vibration by up to 32%*
- Reduce airborne particles – longer, larger swarf staying airborne for less time
- Reduce noise exposure - completing the task quicker

*Compared to a conventional abrasive flap disc – according to independent testing by VITO and the Fraunhofer Institute

View product information tables

3M™ Cubitron™ II Flap Disc 967A

– Premium series

- Blending
- Surface preparation

PSG

3M™ Cubitron™ II Flap Disc 967A is ideal for low to medium-high pressure applications on flat surfaces or outside edgework, especially in paint prep and stainless steel fabrication where final finish and gouge resistance are important.

- 3M Precision-Shaped Grain maintains super-sharp points that cut exceptionally fast with less pressure
- Engineered to run cooler, reducing metal discolouration/ oxidation and the chance of heat related stress cracks
- Flaps grind and blend in a single step
- Durable Y-weight poly-cotton backing delivers controlled, even wear for full use of the disc on low to medium-high pressure applications

TOP TIPS

3M™ Cubitron™ II Flap Discs will often produce a finish equivalent to the next-finer grade of a fibre disc (i.e., a 60-grit flap disc will usually leave a finish similar to an 80-grit fibre disc) – saving you time and finishing steps!

View product information tables

3M™ Flap Disc 769F

– Advanced series

- Deburring
- Weld grinding and stock removal
- Blending
- Surface preparation
- Refining

PSG AO

3M™ Flap Disc 769F is our long-lasting, high-performance abrasive flap disc featuring 3M Precision-Shaped Grain and a durable polyester backing.

- Delivers long-lasting high-performance and versatility
- Cuts faster and lasts longer than conventional abrasive grain thanks to 3M Precision-Shaped Grain
- Proven to outperform traditional alumina zirconia flap discs
- Individual flaps break down, exposing fresh mineral to deliver consistent cut rate for the life of the disc

View product information tables

3M™ Cubitron™ II Fibre Disc 982CX Pro
– Premium series

- Heavy deburring
- Edge preparation/bevelling
- Weld grinding and stock removal

PSG

Get more done with 3M™ Cubitron™ II Fibre Disc 982CX Pro. With a re-engineered 3M Precision-Shaped Grain, these fibre discs take the legendary cutting speed and life of 3M™ Cubitron™ II abrasives to a new level. Available in 36+ grit for medium and high pressure applications like weld grinding, bevelling and heavy deburring.

- Re-engineered 3M Precision-Shaped Grain takes legendary speed and life to a new level
- Longest-lasting 3M fibre disc helps boost productivity and minimise disc changes in manual and automated applications
- Triangular ceramic grain wears evenly, runs cool and stays sharp through the life of the disc
- Cuts with less pressure than traditional fibre discs, helping reduce the demands on operators
- Recommended for carbon steel

Differences between 982CX Pro and 982C discs:

	982CX Pro	982C
Applications	Both are designed to target the same substrate and applications.	
Grade range	Available in 36+ grit	Available in 36+/60+/80+ grits
Performance	982CX Pro has improved performance value ratio	
Price	Corresponding grades have similar price	
Composition	982CX Pro meets INOX and Contaminant Free requirements	

View product information tables

3M™ Cubitron™ II Fibre Disc 982C
– Premium series

- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal
- Blending
- Refining

PSG Roloc™

3M™ Cubitron™ II Fibre Disc 982C slices through carbon steel with 3M Precision-Shaped Grain and generates up to twice the cut-rate, durability, and life of other fibre discs—all with less grinding pressure. That means less operator fatigue, faster throughput, and more parts per disc when tackling high pressure grinding applications such as medium to heavy-duty stock removal. Available in 36+, 60+, 80+ grades.

- Disc life is significantly longer, completing more parts per disc and requiring fewer disc changes
- Triangular shaped ceramic grain lasts up to two times longer than other ceramic abrasives—it wears evenly, runs cool, and optimises mineral breakdown
- Stiff fibre backing and a strong resin bond provide durability and tear-resistance for heavyweight applications such as high-pressure weld grinding and bevelling
- Roloc™ options available

Increase worker safety with 3M™ Cubitron™ II

SAFETY BUILT IN

Using 3M™ Cubitron™ II 982C can help to:

- Reduce hand-arm vibration by up to 91%
- Reduce airborne particles released into the workplace by up to 71%*
- Reduce noise level by up to 6dB*

*Compared to a conventional abrasive grinding disc – according to independent testing by VITO and the Fraunhofer Institute

View product information tables

3M™ Cubitron™ II Fibre Disc 987C

– Premium series

- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal
- Blending
- Refining

PSG | Roloc™

3M™ Cubitron™ II Fibre Disc 987C offers significant gains in productivity on medium to heavy-duty operations with our exceptionally high-performing 3M Precision-Shaped Grain combined with a stiff fibre backing. This disc achieves a higher cut-rate, greater durability, and longer life than other fibre discs —all with less grinding pressure.

- 3M Precision-Shaped Grain maintains super-sharp points that cut exceptionally fast with less pressure
- Runs cooler and disc life is significantly longer, completing more parts per disc and requiring fewer disc changes
- Stiff fibre backing and a strong resin bond provide durability and tear-resistance for heavyweight applications such as high-pressure weld grinding or bevelling
- Grinding aid incorporated on the disc minimises grinding temperatures for heat-sensitive alloys
- Roloc™ options available

TOP TIPS

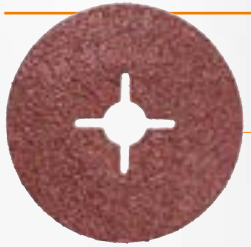
When blending, fibre discs can have a faster cut than other options, but may be trickier for inexperienced operators to control.

Use grades 80+ and a 3M semi-hard back up pad for blending.

View product information tables

3M™ Fibre Disc 782C

– Advanced series



- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal
- Blending
- Refining

PSG | AO | Roloc™

3M™ Fibre Disc 782C is engineered for an ultra-rapid cut on carbon steel. These discs feature our advanced abrasive technology, 3M Precision-Shaped Grain. Their stiff fibre backing and strong resin bond provides durability and tear resistance.

- Cuts carbon steel rapidly
- 3M Precision-Shaped Grain yields higher cut rates
- Reduce costs with long lasting abrasive – completes more parts than conventional discs
- Roloc™ options available

View product information tables

3M™ Fibre Disc 787C

– Advanced series

- Deburring
- Edge preparation/bevelling
- Weld grinding and stock removal
- Blending
- Refining

PSG AO

3M™ Fibre Disc 787C is featuring our advanced abrasive technology, 3M Precision-Shaped Grain. These discs have a stiff fibre backing and strong resin bond that provide durability and tear resistance. They're constructed with a grinding aid and are engineered for ultra-rapid cut.

- Cuts hard and fast to grind metals like stainless steel and high nickel alloys
- 3M Precision-Shaped Grain yields higher cut rates
- Grinding aid minimises grinding temperatures for heat-sensitive alloys
- Roloc™ options available

TOP TIPS

When blending, fibre discs can have a faster cut than other options, but may be trickier for inexperienced operators to control.

Use grades 80+ and 120+ with a 3M semi-hard back up pad for blending.

View product information tables

Scotch-Brite™ Light Grinding and Blending Disc

– Premium series

- Blending
- Surface preparation

AO

Scotch-Brite™ Light Grinding and Blending Discs use a ceramic abrasive grain blend to achieve a high cut-rate for optimal weld grinding and blending in mild-steel applications. In these instances, Light Grinding and Blending discs are designed to effectively blend and refine a grade 36 scratch or finer.

- Grinds and blends in a single step
- 3M™ ceramic aluminium oxide abrasives cut fast and consistent over the life of the disc
- Durable construction resists edge wear
- Scotch-Brite™ material won't melt on hot welds, allowing blending without waiting
- Can be used on fibre disc back up pad or 3M™ Hook-and-Loop Backup Pads
- Roloc™ options available

View product information tables

Scotch-Brite™ Precision Surface Conditioning Disc

– Premium series

- Edge rounding/radiussing
- Refining
- Blending
- Sanding prior to paint process

PSG

Meet the next advancement in surface conditioning technologies: Scotch-Brite™ Precision Surface Conditioning Discs. This new addition to the Scotch-Brite™ lineup promises the consistency you've come to expect with increased cutting speed and longer abrasive life. By combining two flagship 3M technologies — nonwoven fibre and ceramic 3M Precision-Shaped Grain — you can get the ideal finish, faster. To help you be even more efficient, these discs come in brighter, more vivid colors to make identification easier. Plus, the grade range has been expanded to include Fine and Extra Coarse offerings, providing an even larger range of solutions for your abrasive needs.

These premium general-purpose discs are designed to streamline surface conditioning processes including cleaning, blending, deburring and finishing. Typical substrates include aluminum and soft metals, carbon steel and stainless steel, with applications ranging from coating and corrosion removal to refining and post-cast processing.

- Now with 3M Precision-Shaped Grain technology
- Designed for ease of use and consistent surface finishing results
- Cleans and finishes surfaces without gouging, undercutting or damaging the base material
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more
- Available in Hook and Loop and Roloc™ format

View product information tables

Scotch-Brite™ Surface Conditioning Discs

– Advanced series

- Fine finishing
- Refining

AO

The ideal choice for general purpose surface conditioning, including finishing, cleaning and light deburring. Helps you achieve a consistent, paintable finish in fewer steps without damaging the base material. Durable open-web construction is designed to resist loading and greatly increase the life of the disc — so you don't have to change discs as often. Easily attaches to and removes from 3M™ Hook-and-Loop Back-Up Pads.

- Open web material runs cool and resists loading for prolonged operation
- Conformable disc conditions surfaces without gouging, undercutting, or damaging the base material
- Suitable for metal, composite, plastics, and other materials
- Roloc™ options available

View product information tables

Scotch-Brite™ Clean and Strip XT Pro Disc

– Premium series

- Surface preparation
- Clean paint, rust and coatings

SiC | Roloc™

Scotch-Brite™ Clean and Strip XT Pro Disc features silicon carbide abrasive mineral incorporated into an open nylon web.

It's a durable disc that wont damage the base metal.

- Made with silicon carbide material, perfect for cleaning
- Rust, paint, light mill scale removal
- Maintains workpiece shape, removes coatings
- Low sparking
- Roloc™ options available

TOP TIPS

Why will it win against wire-based products?

- Safer to use – no flying wires
- More agressive for faster and more effective cleaning action
- Tears to produce fresh abrasive producing consistent action as opposed to fatiguing in use

View product information tables

Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc

– Premium series

- Clean paint, rust and coatings

AO | Roloc™

Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc features hard aluminium oxide mineral incorporated into an open nylon web.

It's a durable disc that cuts to bare metal quickly.

- Made with aluminium oxide material, ideal for cleaning plus blending and surface preparation
- Heavy rust and rust pit removal without leaving divots
- Thick paint and coating removal
- Blend, strip and refine to bare metal quickly
- Roloc™ options available

Increase worker safety with Scotch-Brite™

SAFETY BUILT IN

Using Scotch-Brite™ Clean and Strip XT Pro Disc can help to:

- Mitigate risk – contains no wire filaments for improved safety
- Reduce vibration – less time on the tool
- Reduce operator fatigue – less operator pressure required

View product information tables

Scotch-Brite™ Deburr and Finish Pro Unitised Disc DP-UD

– Premium series

Deburring

PSG

For up to 30 to 50% faster burr removal and up to 3× longer wheel life in deburring applications. Minimises overcutting – results in fewer rejects.

- Utilises 3M proprietary Precision-Shaped Grain technology for higher cutting and durability performance in deburring and blending applications
- Minimal dust and debris – less dust equals less clean up
- Perform faster deburring

TOP TIPS

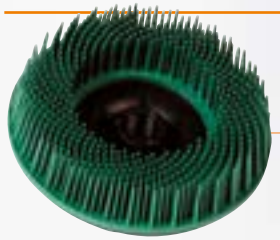
Why will it win against a flap disc?

- Won't gouge surface – reduction in rework, deskills the job
- Leaves a better finish – removes need for extra steps, reducing production time
- More comfortable – easier to work with and reduces vibration

View product information tables

Scotch-Brite™ Radial Bristle Disc BD-ZB

– Premium series



Surface preparation

Clean paint, rust and coatings

PSG

Scotch-Brite™ Bristle Discs are made of plastic impregnated with 3M™ Cubitron™ II abrasive grain and moulded into a disc. Moulded, abrasive-filled bristles strip, deburr, blend, finish, polish, clean, and remove coatings more effectively, with less pressure than wire brushes. Flexible bristles require less pressure than wire brushes and conform to contours, even on complex parts.

- Bristle spacing is ideal for coating removal and other high-loading substances
- Contains no wire filaments for improved safety
- Scotch-Brite™ Bristle Disc, using ceramic abrasive grain and moulded, flexible bristles, provides more surface contact than wire brushes and maintains abrasive property throughout the life of the disc
- The fast-running disc removes paint, stains, adhesives, weld burns, rust, heavy oxides, and surface contaminants from large areas

Increase worker safety with Scotch-Brite™

SAFETY BUILT IN

Using Scotch-Brite™ Radial Bristle Disc can help to:

- Reduce operator fatigue – less pressure required
- Reduce vibration – less time on the tool
- Mitigate risk – contains no wire filaments for improved safety

View product information tables

Accessory information

3M™ High Performance Ribbed Back-Up Pad

- Unique rib pattern
- Red ribbed form resistance temperature 205°C ISO 75-1/-2
- Use to extend the cut rate and lifespan of 3M™ Cubitron™ II discs
- Recommended for use with 36+ fibre discs

Maximise the lifespan and cut rate of 3M™ Cubitron™ II discs by using 3M™ High Performance Ribbed Back-Up Pad with them. When paired with 3M™ Cubitron™ II discs, our back-up pads help to make processes more efficient, while lowering costs.

View product information tables

3M™ High Performance Flat Back-Up Pad

- Provides even support across the surface of the disc
- Hard density backing, suitable for most metalworking applications
- Use with right angle, pneumatic or electric sanders
- Recommended for use with 60+, 80+ and 120+ fibre discs

Our 3M™ Fibre Disc Back-up Pads provide a sturdy support for fibre backed discs, which enhances the power of the abrasive when sanding, deburring and finishing. Made of a tough plastic material, which gives support evenly across the surface of the disc. These hard density back-up pads are strong yet still slightly flexible, which allows for smooth application of abrasive discs to metal surfaces.

View product information tables

Accessories

3M™ Ribbed Fibre Disc Back-Up Pad

- Unique rib pattern
- Black ribbed form resistance temperature 120°C ISO 75-1/-2
- Use to extend the cut rate and lifespan of 3M™ 5- and 7-series fibre discs in stock removal applications
- Improve work processes while lowering costs

View product information tables

3M™ Centre Pin Back-Up Pad

- Quick and easy placement and centring of discs
- Does not interfere with work surface
- Allows disc to be used at usual angle

The Scotch-Brite™ Centre-Pin Back Up Pads are used in conjunction with Scotch-Brite™ Surface Conditioning discs.

Quickly and easily place centre Scotch-Brite™ Surface Conditioning discs with 3M™ Centre Pin Back-Up Pads. Our pads allow the discs to be used at the usual angle.

View product information tables

Accessories

3M™ Flat Fibre Disc Back-up Pad

- Provides even support across the surface of the disc
- A medium density backing, suitable for most metalworking applications
- Recommended when working on curved surfaces
- Use with right angle, pneumatic or electric sanders
- Recommended for use with 60+, 80+ and 120+ fibre discs
- Black plain Form resistance temperature 80°C ISO 75-1/-2
- 5- and 7-series fibre discs in finishing applications

View product information tables

File Belt Sander

File Belt Sander

The file belt sander is ideal for a variety of metalworking applications, such as deburring, cleaning, blending and finishing, in tight or hard-to-reach areas.

- Balanced weight distribution and 3M™ Gripping Material for improved ergonomics and reduced wrist strain
- 360 degree rotatable housing and handle for the ultimate in versatility
- Attached belt cover won't fall off during belt changes
- Optimised belt speed for 3M™ Abrasive Belts and Scotch-Brite™ Belts
- Different positions for the handle, the head and the sander arm allow reach into small and complex areas
- Robust design for a long product life
- Easy to use and control

TOP TIPS

This is the ideal tool for fillet weld removal.

Where is it used?

Used for a variety of metalworking applications such as – grinding, blending and finishing hard to reach areas with power and efficiency.

What segment is it used in?

- Optimal system for stainless steel fabrications
- Metal fabrications*

*Optimal system for stainless steel fabrications

- Industrial equipment
- Transportation
- Machinery and equipment
- General metal working

Machine information

- Power tool
- Operating pressure: 6 bar
- Motor HP (W): 0.60 (450)
- Max RPM: 22,000
- Airflow rate (metric): 764 LPM
- Steel drive wheel attached
- Includes standard attachment arm and rubber drive wheel
- 24" belts require 3M™ File Belt Sander Extension (PN28376)

View product information tables

File Belt Sander

Application guide

Application	Metal	Option 1	Option 2	Option 3
Deburring	Mild/carbon steel	Scotch-Brite™ Belt DF-BL 3M™ Cubitron™ II Belt 784F	Scotch-Brite™ Belt SC-BL A CRS 3M™ Cubitron™ II Belt 984F	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Grinding/weld preparation	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 984F	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals	3M™ Cubitron™ II Belt 981F		
Weld grinding and stock removal	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 984F 3M™ Cubitron™ II Belt 947A	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Scale, rust, paint removal	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 947A	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Weld cleaning	Mild/carbon steel	Scotch-Brite™ Belt SC-BL AMED/AFIN	Scotch-Brite™ Belt DF-BL AMED/AFIN	
	Stainless steel			
	Non ferrous metals			
Refining	Mild/carbon steel	Scotch-Brite™ Belt SC-BL ACRS	Scotch-Brite™ Belt DF-BL AMED/AFIN	3M™ Trizact™ Belt 237AA A65, A45, A30
	Stainless steel			
	Non ferrous metals			
Blending	Mild/carbon steel	Scotch-Brite™ Belt DF-BL ACRS/AMED	Scotch-Brite™ Belt SC-BL ACRS/AMED	
	Stainless steel			
	Non ferrous metals			
Surface preparation	Mild/carbon steel	Scotch-Brite™ Belt SC-BL	Scotch-Brite™ Belt DF-BL	
	Stainless steel			
	Non ferrous metals			
Fine finishing	Stainless steel	Scotch-Brite™ Belt SC-BL 3M™ Trizact™ Belt 237AA	3M™ Trizact™ Belt 337DC	
	Non ferrous metals			

View product information tables

For more product information and product ordering information please go the **Belt product selection** section.

Products

Key products

Scotch-Brite™ Durable Flex File Belt DF-BL

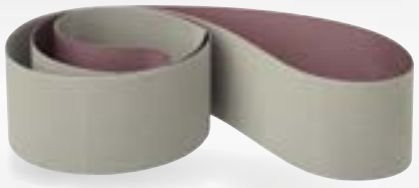
3M™ Cubitron™ II Belt 784F

3M™ Cubitron™ II Cloth Belt 984F

3M™ Cubitron™ II Belt 947A

Scotch-Brite™ Belt SC-BS

3M™ Trizact™ Belt 237AA



3M™ Trizact™ Belt Belt 217EA

3M™ Trizact™ Belt 337DC

View product information tables

For more product information and product ordering information please go the **Abrasive Belts Product Selection** section.

Linear Finishing Machine

Linear Finishing Machine

The linear finishing machine is a single system for graining, blending, refining and finishing especially for stainless steel fabrications. Often referred to as inline sanding machine.

What is it used for?

These tools are used to create a linear finish on stainless steel and other metals.

- Optimum system for finishing stainless steel due to its convenience, flexibility and portability
- Ideal for various blending and finish matching on metal parts
- Ideal for flat, accessible areas
- Variable speed allows for a high speed for refining and a lower speed for finishing
- Ideal for various blending and finish matching on metal parts
- Efficient way to generate or restore straight line finishes
- Easy to control and simplifies finish matching

What segment is it used in?

- Optimal system for stainless steel fabrications
- Metal fabrication
- Architectural and construction
- Industrial equipment
- Pharmaceutical/tanks and vessels

Machine information

- Electric or pneumatic
- Standard shaft – 19mm with key for positive drive
- Drums and brushes have corresponding 19mm centre with keyways to match
- RPM ranges: 900-3800
- Power watt ranges: 1200 – 17500

View product information tables

Linear Finishing Machine

Application guide

Application	Metal	Option 1	Option 2
Refining	Mild/carbon steel	Scotch-Brite™ Belt SC-BL ACRS	Scotch-Brite™ Belt DF-BL AMED/AFIN
	Stainless steel		
	Non ferrous metals		
Blending/satin finishing	Mild/carbon steel	Scotch-Brite™ Belt DF-BL ACRS/AMED	Scotch-Brite™ Belt SC-BL ACRS/ AMED
	Stainless steel		
	Non ferrous metals		
Fine finishing	Stainless steel	Scotch-Brite™ Belt SC-BL 3M™ Trizact™ Belt 237AA	3M™ Trizact™ Belt 307EA
	Non ferrous metals	3M™ Trizact™ Belt 217EA	

View product information tables

For more product information and product ordering information please go the **Abrasive Belts** section.

Products

Key products

3M™ Trizact™ Belt 237AA

3M™ Trizact™ Belt 337DC

Scotch-Brite™ Satin Finishing Mini Flap Brush SF-FB

3M™ Cubitron™ II Belt 947A

Scotch-Brite™ Belt SC-BF A CRS

Scotch-Brite™ Belt SC-BF A MED

Scotch-Brite™ Belt SC-BF A VFN

View product information tables

For more product information and product ordering information please go the **Abrasive Belts** section.

Scotch-Brite™ Surface Conditioning Film Backed Belt SC-BF

Blending/satin finishing

Scotch-Brite™ Surface Conditioning Film Backed Belt is a non-woven belt with a reinforced nylon film backing that is smooth, tough and stretch-resistant. Our belts are designed for efficient cleaning, finishing, blending and deburring. They work well with platens, or when reduced friction is required.

- A non-woven belt used for cleaning, finishing, blending and deburring applications. The smooth, tough, stretch-resistant nylon film backing works well with platens or when reduced friction is required
- Reduced friction from film backing
- Good starting point for finishing applications
- Resists loading
- Consistent finish
- Easy to use
- Grades: A CRS/A MED/A VFN
- Available in a range of sizes and grades, details on request

These belts offer an ideal way to add a good finish or remove burrs without gouging or under-cutting the work piece.

Product form: Belt
Mineral type: Aluminium oxide
Backing: Nylon film
Bonding type: Resin
Colour: Brown/maroon/blue

Suggested applications

- Use for cleaning, finishing, blending and deburring
- Belts work well with platens on e.g. stroke sanders, or when reduced friction is required such as on inflatable/expander drums
- Use to start finishing applications

TOP TIPS

The Scotch-Brite™ SC-BF ACRS are a great option to match an existing 3B finish after the refinishing step.

View product information tables

Scotch-Brite™ Satin Finishing Mini Flap Brushes SF-FB

Scotch-Brite™ Satin Finishing Flap Brushes are impregnated with aluminium oxide abrasive mineral and bonded to a fibre core.

Scotch-Brite™ Satin Finishing Flap Brush features a three-dimensional web that produces consistent results without damaging the workpiece. The flexible flap construction is soft and pliable – giving uniform surface finishes without 'chatter marks'.

- Consistent, repeatable results
- Uniform surface finish
- Resists heat build up on heat sensitive metals like stainless steel
- Wear resistant flaps give a long product life

- Deburring
- Weld grinding and stock removal
- Refining

Suggested applications

- Use to give a uniform cut and finish on stainless steel after refining step

Product form: Brush
Mineral type: Aluminium oxide
Attachment type: Keyed centre hole
Colour: Tan
Grade: Coarse
Max RPM: 4000

View product information tables

Backstand Machine

Backstand Machine

What are they used for?

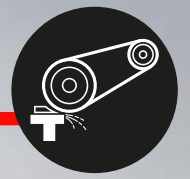
Backstand machines are used for graining and finishing of most small fabricated parts and are ideal for higher volume and complex parts where greater control is needed on part to belt.

They can also increase the capability to achieve your desired finish through the choice of different contact wheel designs.

What segments are they used in?

- Metal fabrication
- Industrial equipment
- Transportation
- Machinery and equipment
- General metal working
- Medical implants

Backstand Machine



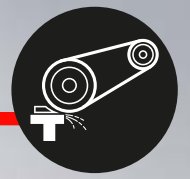
Application guide

Application	Metal	Option 1	Option 2	Option 3
Deburring	Mild/carbon steel	Scotch-Brite™ Belt DF-BL 3M™ Cubitron™ II Belt 784F	Scotch-Brite™ Belt SC-BL A CRS 3M™ Cubitron™ II Belt 984F	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Grinding/weld preparation	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 984F	3M™ Cubitron™ II Belt 947A 3M™ Belt 384F
	Stainless steel	3M™ Cubitron™ II Belt 784F		
	Non ferrous metals	3M™ Cubitron™ II Belt 981F		
Weld grinding and stock removal	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 984F 3M™ Cubitron™ II Belt 947A	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Scale, rust, paint removal	Mild/carbon steel	3M™ Cubitron™ II Belt 784F	3M™ Cubitron™ II Belt 947A	3M™ Belt 384F
	Stainless steel			
	Non ferrous metals			
Weld cleaning	Mild/carbon steel	Scotch-Brite™ Belt SC-BL AMED/AFIN		
	Stainless steel			
	Non ferrous metals			
Refining	Mild/carbon steel	Scotch-Brite™ Belt SC-BL ACRS	Scotch-Brite™ Belt DF-BL A CRS	3M™ Trizact™ Belt 237AA A65, A45, A30
	Stainless steel			
	Non ferrous metals			
Blending	Mild/carbon steel	Scotch-Brite™ Belt DF-BL ACRS/AMED	Scotch-Brite ™ Belt SC-BL, A CRS/ A MED	
	Stainless steel			
	Non ferrous metals			

View product information tables

For more product information and product ordering information please go the **Abrasive Belts** section.

Backstand Machine



Application guide (continued)

Application	Metal	Option 1	Option 2	Option 3
Surface preparation	Mild/carbon steel	Scotch-Brite™ Belt SC-BL	Scotch-Brite™ Belt DF-BL	
	Stainless steel			
	Non ferrous metals			
Fine finishing	Stainless steel	Scotch-Brite™ Belt SC-BL 3M™ Trizact™ Belt 237AA	3M™ Trizact™ Belt 307EA	3M™ Cubitron™ II Belt 784F
	Non ferrous metals	3M™ Trizact™ Belt 217EA		

View product information tables

For more product information and product ordering information please go the **Abrasive Belts** section.

Products

Key products

3M™ Cubitron™ II Belt 784F

3M™ Cubitron™ II Cloth Belt 984F

Scotch-Brite™ Durable Flex Belt DF-BL

Scotch-Brite™ Belt SC-BL

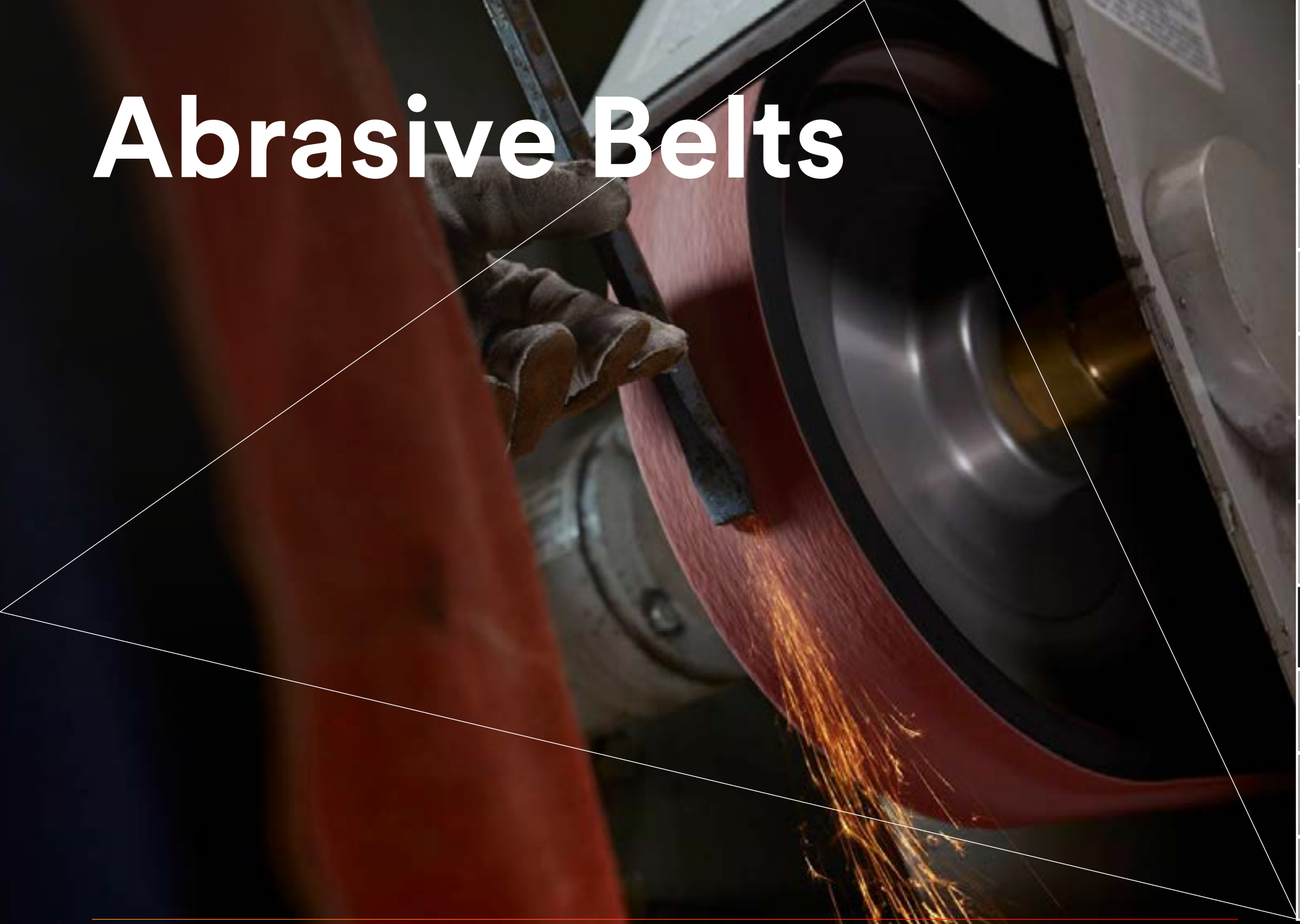
3M™ Trizact Belt 237AA

3M™ Trizact™ Belt 337DC

View product information tables

For more product information and product ordering information please go the **Abrasive Belts Product Selection** section.

Abrasive Belts



Factors Affecting Performance and Finish

The two key components to ensure optimal abrasive performance include **selecting the correct product** and **running that product at the appropriate pressure.**

- Combining the right belt with the right application pressure is essential to reaching the optimal breakdownpoint of an abrasive, and it maximises both cutting speed and product life
- The wrong variable in either of these fields can lead to suboptimal results evident on the workpiece and the used belt

1. Operator

- Operator preferences
- Operator priorities and decision making
- Relationships with operators
- Politics in a plant
- Operator abilities
  - Experience level
  - Variability over time
  - 1st v. 2nd shift variables

2. Product speed

- Speed of the abrasive
- RPM (revolutions per minute)
- Metres per second
- Recommended operating speed by application

3. Contact wheel

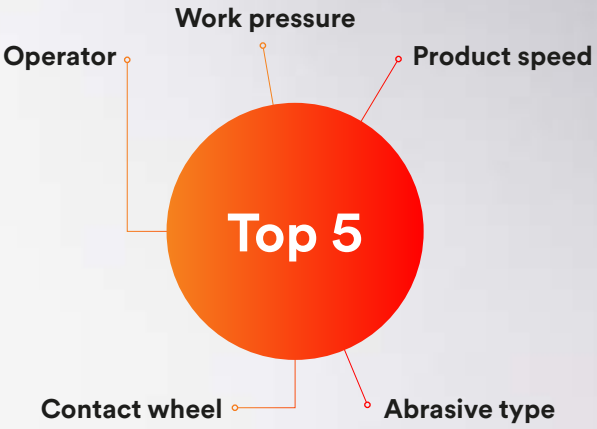
- Wheel durometre (hardness)
- Serrated contact wheel
- Smooth contact wheel

4. Abrasive product

- Open or closed coat
- Surface coatings
- Flex
- Splice

5. Work pressure and application pressure

- Operator or pressure assisted
- Machine applied pressure
- Robotics
- Nominal pressure (force/area) is helpful - convention: nominal pressure = application pressure
- Qualitative pressure (low, medium, high) and relative pressure are important
- Used belts are the #1 source for determining pressure



Measuring performance

- You and your application knowledge; look at used belts
- Chatter mark/belt splice mark calculator
- Speed calculator formula

Factors Affecting Performance and Finish

Effect of grade on finish

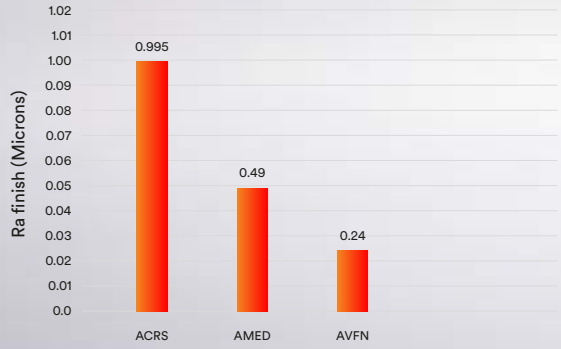
Off hand on backstand with 45 shore plain contact wheel using stainless steel bars.

Effect of increasing	Life	Cut rate	Finish	Heat
Grade	↑	↑	↑	↓
Wear	↔	↓	↓	↑
Hardness of metal	↓	↓	↓	↑
Force	↑	↑	↑	↓ *
Pressure	↑	↑	↑	↓ *
Contact element hardness	↑	↑	↑	↓ *
Contact element serrations	↑	↑	↑	↓ *
Speed	↑	↑	↓	↓ *
Power	↑	↑	↔	↓ *
Air flow/pressure	↑	↑	↔	↓ *

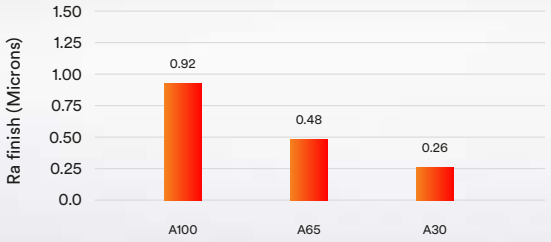
* For the same amount of stock removal so that the heat is less due to the reduction in contact time.

Ra finish – coated

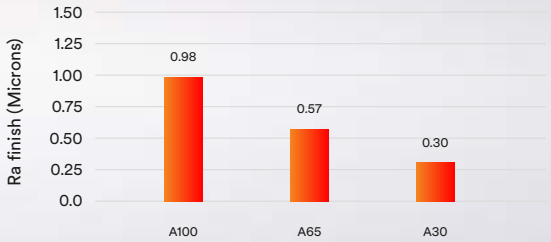
Ra finish – Scotch-Brite™ belts



Ra finish – Trizact™



Ra finish – Trizact™ CF



3M Abrasives and Robotics

Optimise your automation with 3M abrasives

Automating parts of your operation can be a daunting task. Our experienced robotics experts can answer your questions, whether you're fine tuning an existing robotic application or just getting started.

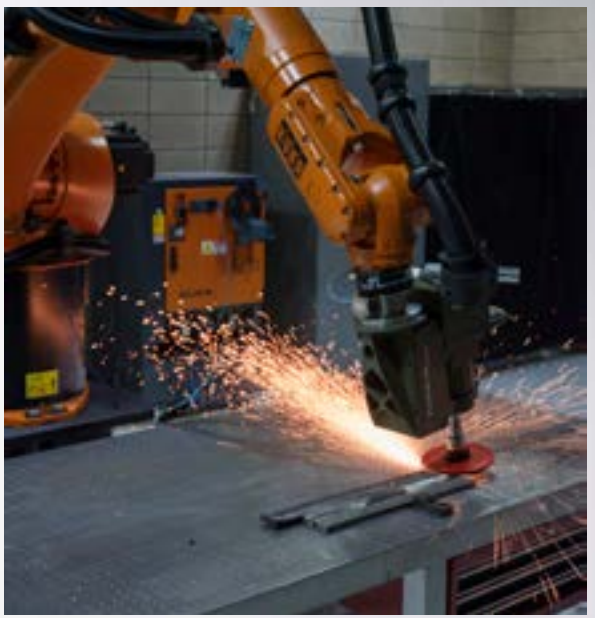
3M abrasive belts, discs and wheels are ideally suited for robotic applications, and can help you increase productivity, consistency and cost savings.

Applications include:

- Gate removal/deflashing
- Weld grinding
- Deburring
- Finishing and polishing

We've worked across many industries— from foundries to metal fabrication shops— on various customer parts, such as turbine blades and orthopaedic implants.

- 3M has experienced application engineers with access to a global network of system integrators to help you with robot selection, proof of concept, training and more
- We have ten robotic labs in eight countries equipped with robots, end-of-arm tools and measurement tools are available for your process development and testing



Reasons for robotics

Companies choose to automate for many reasons:

- Shrinking workforce
- Efficiency
- Consistency
- Productivity
- Long-term cost savings

3M has the expertise, connections and products to help you succeed.
Get started—contact your 3M sales professional or get in touch with one of our application engineers at **3M.co.uk/robotics**

3M™ Cubitron™ II Cloth Belt 984F

3M™ Cubitron™ II Cloth Belts 984F offer revolutionary performance with 3M Precision-Shaped Grain that slices clean through metal. Our 984F belts contain a grinding aid, making it ideal for medium to high pressure applications.

- Minimise operator fatigue as 3M Precision-Shaped Grain requires less grinding pressure
- Cool running temperature reduces risk of discolouration and heat related stress cracks
- 3M Precision-Shaped Grain fractures into self-sharpening points, cutting exceptionally fast and increasing productivity
- Belt life is increased, meaning more parts per belt for less belt changes
- Grade 36+, 50+, 60+, 80+, 120+
- Available in a range of sizes, details on request

3M™ Coated Belt Backing Guide

Flexible ← → **Durable**

723D	947A	784F	984F
J Weight	X Weight	Y/X Weight	Y Weight

Lower pressure ← → **Higher pressure**

Product form: Belt
Mineral type: 3M Precision-Shaped Grain
Backing: Polyester cloth, YF Weight
Colour: Red
Bonding type: Resin
Flex type: Single-flex

Suggested applications

- Used to dimension metal sheets and coils or add grain pattern to stainless steel
- Sets grain in stainless steel, removes material and wields

View product information tables

3M™ Cubitron™ II Cloth Belt 784F

Deburring
Edge preparation/bevelling
Weld grinding and stock removal
Refining

3M™ Cubitron™ II Cloth Belt 784F features 3M Precision-Shaped Grain. Our cloth belts are a precise mix of shaped ceramic and premium aluminium oxide. They have a flexible J Weight cotton backing and open coat construction. The belts also feature a waterproof backing and grinding aid.

- Consistent, faster results on medium pressure applications
- Conformable for grinding and blending both straight and contoured surfaces
- Grinding aid cools abrasive processes on heat-sensitive alloys
- Suitable for wet and dry applications on all metals
- Durable resin bond resists deterioration from heat, extending the life of the abrasive cloth
- Grade 36+, 50+, 60+, 80+, 120+, 150+, 180+
- For optimal durability and price value, YF Weight polyester backing is used for Grades 36+ – 80+, while lighter XF Weight polyester backing is used for grades 120+ – 180+
- Available in a range of sizes, details on request

3M™ Coated Belt Backing Guide

Flexible ◄——● ——► **Durable**

723D	947A	784F	984F
J Weight	X Weight	Y/X Weight	Y Weight

Lower pressure ◄——● ——► **Higher pressure**

Product form: Belt

Mineral type: 3M Precision-Shaped Grain and aluminium oxide

Backing material: Polyester cloth

Backing: XF Weight, YF Weight

Colour: Red

Flex type: Single-flex

Spice type: Fabri-Lok, Film-Lok

Suggested applications

- Use for medium pressure industrial applications

View product information tables

3M™ Cubitron™ II Cloth Belt 947A

PSG

3M™ Cubitron™ II Cloth Belt 947A features 3M Precision-Shaped Grain on a X Weight, poly-cotton backing. Our 947A belts are resin bonded for improved heat resistance and are recommended to be used dry. Use 3M™ Cubitron™ II Cloth Belt 947A for outstanding results on applications ranging from high-pressure, automated grinding to low and medium pressure offhand operations, on equipment such as backstands, file belt sanders, inline sanders and stroke sanders.

- 3M Precision-Shaped Grain cuts exceptionally fast, helping to increase productivity
- Requires less pressure, reducing operator fatigue
- Suitable for dry applications
- X Weight poly-cotton backing offers flexibility and durability on a rage of applications
- Engineered to run cooler – protecting heat sensitive alloys from stress cracks and discolouration
- Lasts up to 4 times longer than conventional ceramic belts
- Resin bonded for improved heat resistance
- The abrasive produces a uniform finish over its life and helps eliminate burning during end-grain sanding applications.
- Grade 40+, 60+, 80+, 120+
- Available in a range of sizes, details on request

3M™ Coated Belt Backing Guide

Product form: Belt
Mineral type: 3M Precision-Shaped Grain
Backing: Cloth, X Weight
Bonding type: Resin
Flex type: Single-flex
Spice type: Fabri-Lok, Film-Lok

Suggested applications

- Optimised for medium/low pressure applications on stainless, mild steel and aluminium

View product information tables

3M™ Trizact™ Cloth Belt 337DC

A 3M™ Trizact™ abrasive belt on an X Weight backing used for medium pressure metal working: mill line removal, intermediate scratch refinement, consistent dimensioning, and consistent finishing applications.

- Excellent finish consistency
- Works well under medium pressure conditions
- Structured patterned abrasive
- Use dry
- Trizact™ abrasives can last up to five times longer than conventional abrasives

Use 3M™ Trizact™ Cloth Belt 337DC for consistent finishing in medium pressure metal working applications such as scratch refinement and dimensioning. Our belts feature macro-replicated abrasive on a flexible X Weight backing, fast cutting premium aluminium oxide mineral and a grinding aid. They are designed for dry use only.

Use 337DC belts for medium pressure metal work – such as mill line removal, intermediate scratch refinement, consistent dimensioning and consistent finishing applications.

Product form: Belt
Mineral type: Aluminium oxide
Backing: Cloth, X Weight
Flex type: Full-flex
Splice type: Film-Lok

Suggested applications

- Use for a consistent and fine finish in medium pressure metal working applications such as scratch refinement and light dimensioning applications

View product information tables

3M™ Trizact™ Belt 237AA

Fine finishing/pre-polish

3M™ Trizact™ Cloth Belt 237AA uses proprietary microreplication technology where micron-graded aluminium oxide particles are formed into tiny pyramids of abrasive mineral and then coated on an X Weight cloth backing. As these pyramids wear, fresh, sharp mineral is continually exposed to produce a consistent cut and a predictable, fine finish.

- Self-sharpening pyramids start sharp, stay sharp, and run cooler than conventional abrasives
- Flexible backing for consistent finish over contours
- Ideal for intermediate finishing and fine polishing prior to plating or buffing
- Produces finer finishes than conventional electrostatically coated abrasives
- Grade A160 to A6

Use 3M™ Trizact™ Cloth Belt 237AA with fast cutting aluminium oxide, for consistent finishes on hard metals such as carbon and stainless steel. The durable backing to 237AA cloth belts help provide control, conformability and effective medium pressure grinding. The resin bonded abrasive gives greater heat resistance and helps prevent delamination. These belts use a film media splice – a strong secure bond that joins the belt ends and is made of a thin film-joining media that minimises chatter marks. This keeps the belt running smoothly and offer consistent finishing results.

Product form: Belt
Mineral type: Aluminium oxide
Backing: Cloth, X Weight
Bonding type: Resin
Flex type: Full-flex
Splice type: Film-Lok

Suggested applications

- Use for intermediate and final sanding of metal, solid and painted surfaces in addition to varnished surfaces and plastic parts

View product information tables

3M™ Trizact™ Cloth Belt 307EA

AO

The 3M™ Trizact™ Cloth Roll 307EA is an aluminum oxide 3M™ Trizact™ abrasive product constructed on a JE weight, flexible rayon cloth backing. Resin bonded for heat resistance. Features grinding aid for cooler grinding.

- 3M™ Trizact™ abrasives can last up to five times longer than conventional abrasives
- Flexible JE-weight backing enables the abrasive to follow surface contours
- Good for intermediate finishing and fine polishing prior to plating
- Grinding aid lowers operating temperature – reducing the risk for part discolouration
- Ideal for intermediate finishing and fine polishing prior to plating or buffing
- Rolls are fast and flexible for ad hoc use

From medical implants and surgical tools to automotive transmission components, 3M™ Trizact™ abrasives are uniquely suited for projects with acute technical requirements – delivering a consistent finish part after part.

Suggested applications

- Ideal for carbon steel, titanium, cobalt chrome, stainless steel and other high nickel alloys

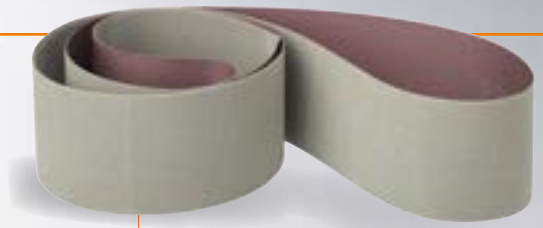
Intermediate finishing

Fine polishing prior to plating or buffing

Product form: Belt
Mineral type: Aluminium oxide
Backing: Cloth, JE Weight
Bonding type: Resin
Flex type: Full-flex
Splice type: Film-Lok

View product information tables

3M™ Trizact™ Belt Belt 217EA



Fine finishing/pre-polish

3M™ Trizact™ Cloth Belt 217EA uses our proprietary microreplication technology where micron-graded aluminium oxide particles are formed into tiny pyramids of abrasive mineral and then coated on a J Weight rayon backing. As these pyramids wear, fresh, sharp mineral is continually exposed to produce a consistent cut and a predictable, fine finish.

- Flexible J Weight backing flows over contoured surfaces for consistent finishing
- Produces finer finishes than conventional electrostatically coated abrasives
- Ideal for light pressure applications – allows abrasive to break down and maintain cut and produce consistent finishes
- Produces finer finishes than conventional electrostatically coated abrasives

Suggested applications

- For intermediate finishing and fine polishing prior to plating or buffing
- Ideal for light pressure applications
- Use 3M™ Trizact™ Cloth Belt 217EA to provide consistent finishes on hard metals such as carbon and stainless steel

Product form: Belt

Mineral type: Aluminium oxide

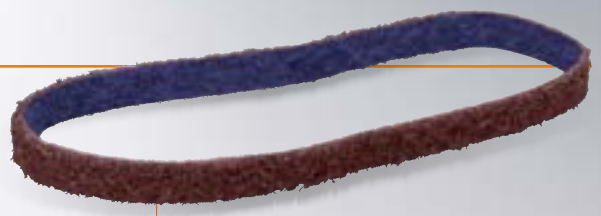
Backing: Cloth, J Weight

Bonding type: Resin

Flex type: Full-flex

View product information tables

Scotch-Brite™ Durable Flex File Belt DF-BL



Scotch-Brite™ Durable Flex Belt is engineered to perform tough detail work such as deburring, blending, and finishing, on a variety of metals. The reinforced, low-stretch backing and superior edge durability aid in supplying an aggressive cutting ability.

- Tough, non-woven belt is effective for deburring, blending and cleaning and is load resistant
- Higher flexibility resists “chunking” and performs well on belt sanders with small contact wheels
- Low-stretch backing provides aggressive conditioning capability
- Provides controlled cut to eliminate gouging and leaves a burr free finish
- Offers the best flexibility in the Scotch-Brite™ Surface Conditioning Belt family
- Grades: A CRS/A MED/A FN
- Available in a range of sizes and grades, details on request

Product form: Belt
Mineral type: Aluminium oxide
Backing: Low stretch
Bonding type: Resin
Colour: Brown/maroon/green

Suggested applications

- Use for cleaning, finishing, blending and deburring particularly on file belt sanders
- For a wide range of applications and materials
- Suitable for use on carbon steel, stainless steel, carbon, titanium and nickel alloys

View product information tables

Scotch-Brite™ Surface Conditioning Low Stretch Belt SC-BL

Deburring

Blending/satin finishing

Cleaning

A non-woven belt used for cleaning, finishing, blending and deburring applications.
The firm, stretch-resistant backing is suited for high belt tensions.

Scotch-Brite™ Surface Conditioning Low Stretch belts are engineered with aluminium oxide and silicon carbide minerals. Our finer grades provide finer finishes, while medium or coarse grades provide coarser finishes. Our belts are designed for use in low stretch applications, when a standard scrim belt is stretching on the machine, or when less conformability is desired. They are resistant to wear and sharp edges and are useful in a variety of industries, from transport to metal fabrication.

- Provides beautiful and consistent finish
- Long life
- Resists loading
- Very forgiving
- Low-stretch reinforced backing keeps the abrasive side taut and firm as it abrades the surface
- Stretch-resistant backing
- Grades: A CRS/A MED/A VFN/S SFN

Product form: Belt

Mineral type: Aluminium oxide, sillicon carbide

Backing: Low stretch

Suggested applications

- Use for cleaning, finishing, blending and deburring particularly on Backstands
- For a wide range of applications and materials
- Apply to steel, stainless steel, carbon, titanium and nickel alloys
- Suitable for use on aluminium, copper, brass and soft non-ferrous metals

View product information tables

Scotch-Brite™ Surface Conditioning Scrim Backed Belt SC-BS

Scotch-Brite™ SC Surface Conditioning Belt is a durable belt engineered to perform detail work such as blending, blending corners, cleaning, contour finishing, deburring, deburring edges, fine finishing, flat finishing, setting the grain, stainless steel finishing, and attaining straight line brushed finishes on a variety of metals.

- Non-woven, surface conditioning belts clean, blend, deburr and finish
- Reduced loading and heat build-up allow extended operating time and consistent surface conditioning results
- Reinforced backing and non-woven open web material provides superior flexibility for detail work, over contours and edges
- Removes surface imperfections, grindlines, mill, and other marks
- Grades: AMED/ACRS/AVFN/SSFN/SVFN/TYPT
- Available in a range of sizes and grades, details on request

Product form: Belt

Mineral type: Aluminium oxide, silicon carbide, talc

Backing: Scrim

Suggested applications

- Use for cleaning, finishing, blending and deburring particularly on backstands
- For a wide range of applications and materials
- Apply to steel, stainless steel, carbon, titanium and nickel alloys
- Suitable for use on aluminium, copper, brass and soft non-ferrous metals

TOP TIPS

Why will it win against coated abrasive belts?

- Produces more consistent results reducing part to part variation
- Won't gouge surface, reducing rejects and deskilling the job
- Leaves a better surface finish resulting in improved part appearance

View product information tables

File Belt Accessory Information

3M™ Standard Arm – 13 mm x 457 mm

3M™ File Belt Sander Arm, Corners Style 2 Size, 3/6/13 mm x 457 mm

- 3M™ File Belt Sander can be optimised by adding attachment arms, extensions, and tool kits
- Robust design for a long product life
- Different designs to work on nearly all kind of small areas
- Optimise 3M™ File Belt Sander with the 3M™ File Belt Sander Attachment Arms. Our attachment arms, extensions, and tool kits will enhance your product due to their robust design. The different designs work on nearly all kind of small areas

Suggested applications

- Use with 3M™ File Belt Sander to work on nearly all kind of small areas

View product information tables

For more product information and product ordering information please go the **Abrasive Belts** section.

Random Orbital Sander

Random Orbital Sander

- Engineered to work hand-in-hand with 3M™ abrasives and accessories, the 3M™ Random Orbital Sanders provide the power and performance to get the job done with even better results
- 3M™ sanders deliver professional, dust-free performance along with a swirl-free finish, hour after hour, in high-production industrial environments where dust extraction is required
- Precision balanced steel workings and powerful air driven motors run smoothly with less vibration
- Improved durability, ergonomics and noise levels maximise comfort and control for prolonged use
- Aluminium body and durable composite cover reduce cracked housings and downtime

New simplified paddle design
Orbit identification is shown by numbers

Machine information

- Air powered
- Available in central vacuum and self generated vacuum
- Available in 2.5mm orbit for fine finishing, 5mm for general purpose sanding and 8mm for aggressive sanding

	Central vacuum	Self-generated vacuum
RPM	12000	12000
Motor HP	0.28	0.28

Random Orbital Sander

What is it used for?

- Blending/satin finishing
- Surface preparation
- Fine finishing/pre-polish
- Paint denibbing
- Refining

What segment is it used in?

- Transportation
- Metal fabrication
- Woodworking
- DIY/paint trades/IPS
- Shop fitters, kitchen fitters and retail outlets

Basic ROS techniques

1. Start the tool ON the surface; stop the tool OFF the surface
2. Run the tool flat on work piece (no tipping on edge)
3. Light operator hand pressure (let the tool do the work)
4. North, south, east, west sanding pattern for a uniform, quality finish

Troubleshooting checklist

- Check for correct PSI and RPM
- Check air line length, leaks, fitting and inside diameter
- Check tool lubrication schedule
- Look for worn bearings
- Look for damaged disc pad
- Are the tool and disc pad diameter the same?
- Is the lever damaged or the muffler clogged?
- Is the speed control adjuster turned down?

Tool Features

Coming soon in 2022

3M Xtract™ Pneumatic Random Orbital Sander

1. Aluminium housing for added durability and reduced vibration; Durable composite coverhelps prevent cracked housings
2. Recessed Lever eliminates pinch points
3. Extended cover with 3M™ Gripping Material allows better control with reduced effort, insulates from cold and reduces vibration
4. Safer Thumb Wheel mounted speed control reduces inadvertent speed changes
5. Wider port for more efficient dust capture
6. Internal Muffler results in less breakage, SGV 6 dB quieter
7. Integrated Wrist Support for comfort and leverage
8. Clearance for large inlet coupler
9. Centre Mount Exhaust for more finger room, better dust collection airflow
10. Improved Self Generated Vacuum for more efficient dust extraction – designed to work with 3M Xtract™ Discs

3M Xtract™ Electric Random Orbital Sander Central Vacuum

1. Aluminium housing for added durability and reduced vibration; Durable composite coverhelps prevent cracked housings
2. Recessed Lever eliminates pinch points
3. Extended cover with 3M™ Gripping Material allows better control with reduced effort, insulates from cold and reduces vibration
4. LED indicator for visual confirmation of power and speed setting
5. Wider port for more efficient dust capture
6. Internal Muffler results in less breakage
7. Integrated Wrist Support for comfort and leverage
8. Brushless motor with integral internal cooling for more efficient running, long life, less maintenance, better heat dispersion, better speed control
9. Centre Mount Exhaust for more finger room, better dust collection airflow
10. Optimised for use with 3M Precision-Shaped Grain, which enhances performance
11. 4.7m (15.4ft) cord length, matched to the hose length of the 3M Xtract™ Portable Dust Extractor

Random Orbital Sander

Application guide

Application	Substrate	Option 1	Option 2	Option 3
Refining	Mild/carbon steel	3M Xtract™ Cubitron™ II Film Disc 775L 80+ or 120+	3M™ Cubitron™ II Paper Disc 950U 60+ or 80+ or 120+	3M™ Cubitron™ II Cloth Disc 947A 60+ or 80+ or 120+
	Stainless steel			
	Non ferrous metals	3M Xtract™ Film Disc 775L 150+ or 180+	3M™ Cubitron™ II Paper Disc 950U 150+ or 180+	3M™ Cubitron™ II Cloth Disc 947A 80+ or 120+
Blending/satin finishing	Mild/carbon steel	Scotch-Brite™ Cut and Polish Hookit™ Disc CP-HA AMED	Scotch-Brite™ Production Hookit™ Disc PR-HA AVFN	3M Xtract™ Cubitron II™ Net Disc 710W 240+ or 320+
	Stainless steel			
	Non ferrous metals			
Fine finishing/pre-polish	Mild/carbon steel	3M Xtract™ Cubitron II™ Net Disc 710W 180+ or 240+	3M Xtract™ Cubitron™ II Film Disc 775L 240+ or 320+	3M™ Film Disc 360L P600, P800, P1000, P1200, P1500
	Stainless steel			
	Non ferrous metals	3M Xtract™ Cubitron II™ Net Disc 710W 240+ or 320+	3M Xtract™ Cubitron™ II Film Disc 775L 320+ or 400+	
Surface preparation	Mild/carbon steel	3M Xtract™ Cubitron™ II Film Disc 775L 80+ or 120+	3M™ Cubitron™ II Paper Disc 950U 60+ 80+ 120+	Scotch-Brite™ Cut and Polish Hookit™ Disc CP-HA AMED
	Stainless steel			
	Non ferrous metals	3M Xtract™ Cubitron™ II Film Disc 775L 120+ or 240+		
Paint stripping	Mild/carbon steel	3M Xtract™ Cubitron II™ Net Disc 710W 80+ or 120+	3M Xtract™ Cubitron™ II Film Disc 775L 80+ or 120+	3M™ Cubitron™ II Paper Disc 950U 80+ or 120+
	Stainless steel			
	Non ferrous metals	3M Xtract™ Cubitron II™ Net Disc 710W 120+ or 150+	3M Xtract™ Cubitron™ II Film Disc 775L 120+ or 150+	3M™ Cubitron™ II Paper Disc 950U 120+ or 150+

View product information tables

Factors Affecting the Perfect Finish

Air basics

To optimise compressed air output and delivery:

- 90 psi under load — use your gauge
- 10mm minimum air line inside diameter
- Use minimum length of air line hose necessary; no more than 8m
- High flow air fittings:
  – 3/16” marginal
  – 7/32” better
  – 9/32” best
- Observe compressed air demand throughout the plant
- Maximum working air pressure: 6.2 bar (90 psi)

Lubricant recommendation for air-powered tools

- 3M recommends to lubricate the tool on a regular basis, put 2 to 3 drops of suitable pneumatic motor lubricating oil into the hose end (inlet) of the tool. Reconnect tool to the air supply and run tool slowly for a few seconds to allow air to circulate the oil. If the tool is used frequently, lubricate it on a daily basis or lubricate it if the tool starts to slow or lose power

Technical recommendations for 3M™ air-powered tools

- Use a clean, dry, lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psi) 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 psi)**. If run at a lower pressure, the performance of the tool is reduced

- Use an approved 10mm x 8m (3/8” x 25 ft.) or 13mm x 8m (1/2” x 25 ft.) maximum length air line
- Connect the tool to the air supply
- It is strongly recommended that an air filter, regulator and lubricator (FRL) is used to supply clean, lubricated air at the correct pressure to the tool. If such equipment is not used, the tool should be lubricated manually

Product Information

Key products

3M Xtract™ Cubitron™ II
Net Disc 710W

3M Xtract™
Net Disc 310W

3M Xtract™ Cubitron™ II
Film Disc 775L

3M™ Cubitron™ II Hookit™
Paper Disc 950U

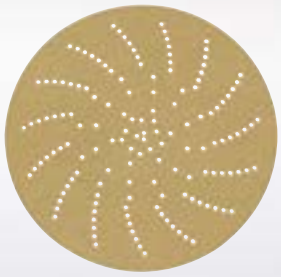
3M™ Cubitron™ II Hookit™
Cloth Disc 947A

Scotch-Brite™ Hookit™
Cut and Polish Disc CP-HA

Scotch-Brite™ Hookit™
Production Disc PR-HA

3M™ Film Disc 375L

3M Xtract™ Film Disc 360L



3M Xtract™ Paper Disc 236U

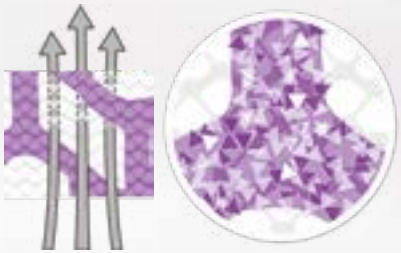
View product information tables

3M Xtract™ Cubitron™ II Net Disc 710W

PSG

Dust extraction meets industry-leading cut-rate in 3M Xtract™ Cubitron™ II Net Disc 710W. This premium sanding disc features a unique abrasive pattern on a net backing that allows for virtually dust-free sanding, with legendary 3M Precision-Shaped Grain technology. You'll finish more parts per disc with less dust in the environment, boosting productivity without sacrificing worker health.

- Premium net disc allows for virtually dust-free sanding
- 3M Precision-Shaped Grain arranged in a unique pattern delivers industry-leading cut-rate and long life
- Part of the 3M Xtract™ Series, the ultimate in dust removal and performance
- Allows for a cleaner work environment than traditional discs with dust extraction holes
- Hook-and-loop backing for quick and easy disc changes
- Ideal for a wide variety of substrates and applications including stock removal and fine finishing
- Available in a range of grades from 80+ to 320+



Suggested applications

- Ideal for a range of applications focused on stock removal and are effective on a wide variety of substrates – including metals, composites, gelcoat , whitewood and wood

Product form: Disc

Mineral type: 3M Precision-Shaped Grain

Backing: Net

Colour: Purple

View product information tables

Increase worker safety with Cubitron™ II

SAFETY BUILT IN

Using 3M Xtract™ Cubitron™ II Net Disc 710W can help to:

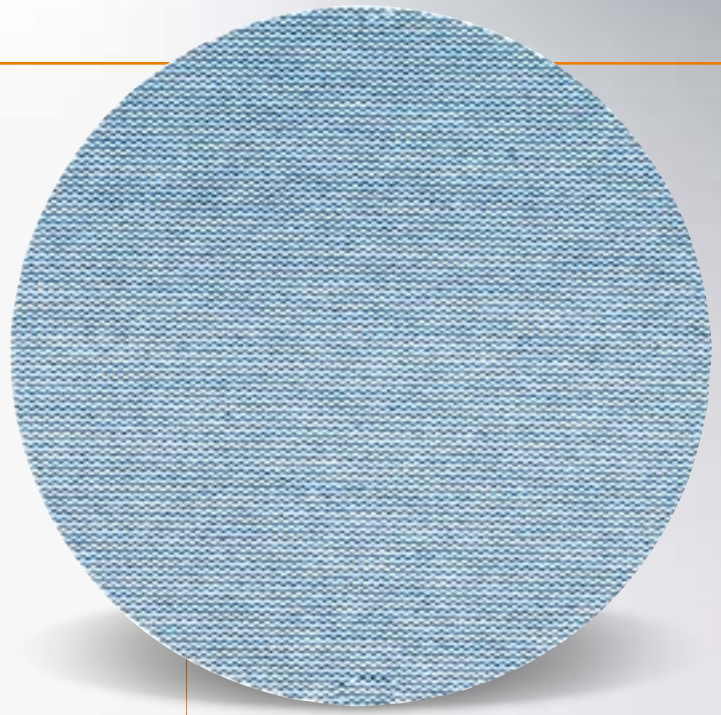
- Minimise hand-arm vibration with faster removal rates resulting in reduced trigger time
- Reduce airborne particles released into the workplace
- Reduce noise exposure by completing the task quicker

3M Xtract™ Net Disc 310W

PSG

3M Xtract™ Net Disc 310W is designed to deliver an unbeatable combination of performance and value. Powered by innovative 3M technologies and technical expertise, 310W disc helps you stay competitive in your industry.

- Advanced Series net disc delivers virtually dust-free sanding at a value price
- Features 3M Precision-Shaped Grain mixed with premium aluminum oxide abrasive for a fast cut and long life
- Hook-and-loop backing for quick and easy disc changes
- Ideal for a wide variety of substrates and applications including stock removal and fine finishing
- Available in a range of grades from 80+ to 320+



Suggested applications

- Ideal for a range of applications focused on stock removal and are effective on a wide variety of substrates – including metals, composites, gelcoat, whitewood and wood

Product form: Disc

Mineral type: 3M Precision-Shaped Grain

Backing: Net

Colour: Blue

View product information tables

3M Xtract™ Cubitron™ II Film Disc 775L

PSG

- 3M Xtract™ Cubitron™ II Film Disc 775L features 3M Precision-Shaped Grain a revolutionary advancement in abrasive technology. Our film discs can cut up to twice as fast and last up to six times as long as normal abrasives
- Film backing provides greater tear resistance and edge retention
- Available in grades 80+ 120+ 150+ 180+ 220+ 240+ 320+ 400+
- Ideal for a variety of applications focused primarily hook and loop attachment gives fast and easy disc changes

Suggested applications

- Ideal for a range of applications focused on stock removal and are effective on a wide variety of substrates – including metals, composites, gelcoat and whitewood

Increase worker safety with Cubitron™ II

SAFETY BUILT IN

Using 3M™ Cubitron™ II Hookit™ Film Disc 775L can help to:

- Minimise hand-arm vibration with faster removal rates resulting in reduced trigger time
- Reduce airborne particles released into the workplace
- Reduce noise exposure by completing the task quicker

Product form: Disc

Mineral type: 3M Precision-Shaped Grain

Backing: Film

Colour: Purple

View product information tables

3M™ Cubitron™ II Hookit™ Paper Disc 950U

- Surface preparation
- Refining
- Paint stripping
- Paint de-nibbing

PSG

- Available in grades 60+, 80+, 120+, 150+, 180+
- Intended for use on flat surfaces, 950U discs feature an open coat construction that reduces loading and clogging – without the use of stearates, to reduce the risk of finish contamination
- Combined with 3M Precision-Shaped Grain technology, this gives you a fast-cutting disc that keeps on going – long after conventional abrasives have called it quits
- Hook and loop attachment gives fast and easy disc changes

Suggested applications

The new 3M™ Cubitron™ II Hookit™ Paper Discs 950U are the ideal solution for removing paint, coatings and mill scale from galvanised steel, aluminium, fibreglass and other substrates that are prone to abrasive loading.

Mineral type: 3M Precision-Shaped Grain

Backing: E-Weight paper

Coating: Open, non-stearate

Bond: Resin

View product information tables

3M™ Cubitron™ II Hookit™ Cloth Disc 947A

- Surface preparation
- Refining
- Paint stripping
- Leveling

PSG

- Available in grades 40+ 60+ 80+ 120+
- The 947A's X-Weight poly-cotton backing delivers outstanding tear resistance, flexibility, and a consistent, uniform finish
- Convenient Hookit™ discs are ideal for high volume, quick change operations

Suggested applications

Grades 40+ and 60+ can be used for many specialised construction applications, such as shaping and dimensioning fibreglass architectural elements.

Grades 80+ and 120+ are ideal for levelling and blending the metal surface especially in automotive 'body-in-white" applications.

Mineral type: 3M Precision-Shaped Grain

Backing: X-Weight cloth

Colour: Brown

TOP TIPS

Use for heavy weld spatter, laser cut or heavily burred edges.

View product information tables

Scotch-Brite™ Hookit™ Cut and Polish Disc CP-HA A MED

Blending/satin finishing

Surface preparation

AO

- Excellent for aggressive blending and finishing
- 3M™ Hookit™ quick change attachment and removal system provides fast disc change-out for multi-step finishing processes
- Ideal for aggressive blending and finishing
- Medium grade, tan disc is made with aluminium oxide
- Load and heat resistance allows for prolonged operation and consistent cutting action throughout the life of the disc
- Scotch-Brite™ Hookit™ Cut and Polish Discs are constructed of tough, tight, and dense web for long life and durability. Excellent for aggressive blending and finishing

Suggested applications

Due to its fast cut-rate, hardness and strength, it is widely used in blending, sanding and finishing applications. Aluminium oxide is suitable for a wide variety of materials in both woodworking and metalworking, including ferrous alloys.

Product form: Disc

Mineral type: Aluminium oxide

Fixing system: Hookit™

Colour: Tan

View product information tables

Scotch-Brite™ Hookit™ Production Disc PR-HA A VFN

Blending/satin finishing

AO

- High cut-rate provides fine finishing, blending, polishing, paint prepping, and scuffing on a wide variety of surfaces
- 3M™ Hookit™ quick change attachment and removal system provides fast disc change-out for multi-step finishing processes
- Provides proper finish for scuffing primer, metal, and solid surfaces
- Non-woven 3D structure provides long life and consistent finishes

Suggested applications

Scotch-Brite™ Hookit™ Production Clean and Finish Disc delivers high cut, long life, a fine finish, and is effective for conditioning aluminium, stainless steel, plastics, wood, and fibreglass. The disc is designed for fine finishing, paint prepping, and scratch blending, and conforms well to irregular surfaces for a clean, consistent finish without undercutting or damaging the base material.

Product form: Disc

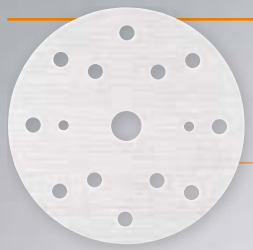
Mineral type: Aluminium oxide

Backing: Hookit™

Colour: Maroon

View product information tables

3M™ Film Disc 375L



Fine finishing/pre-polish

- This disc features a high performance aluminium oxide which combined with a durable film backing and load resistant coating, makes this a great all round sanding disc

Suggested applications

Apply to a wide variety of materials in both woodworking and metalworking, including ferrous alloys.

Use with a random orbital sander and 3M™ Hookit™ backup pad (sold separately).

Mineral type: Aluminium oxide

Backing: Film

Colour: Brown – White

View product information tables

3M Xtract™ Film Disc 360L

Sanding / finishing

The 3M Xtract™ Film Disc 360L features an aluminum oxide abrasive grain on a film backing for effective fine sanding on plastics, gel coats and polyurethane solid surface substrates. The sturdy film backing gives the durability needed for a high-production environment, and its excellent resistance to edge tearing provides longer life over discs with standard A-weight paper backings.

Suggested applications

Aluminum oxide is suitable for a wide variety of materials in both woodworking and metalworking, including ferrous alloys. The film backing gives you a close-tolerance, consistent finish, making it a good choice for applications such as spot repairs, sanding plastic parts, paint feathering on defects, or sanding automotive primer.

Use with a random orbital sander and 3M™ backup pad (sold separately).

Mineral type: Aluminium oxide

Backing: Film

Colour: Purple

View product information tables

3M Xtract™ Paper Disc 236U

Sanding / finishing

The 3M Xtract™ Paper Disc 236U offers aggressive cut and long life on a premium aluminium oxide disc with a durable edge. Strong C-weight paper backing resists tearing during aggressive sanding and the disc is resin-bonded for heat-resistance, further increasing life and cut.

Suggested applications

Aluminum oxide is suitable for a wide variety of materials in both woodworking and metalworking. This disc can be used for applications such as surface finishing, and refining, pre-coating preparation, pre-primer, gel coats, wood sanding and for high quality composite (i.e. corian) finish.

Use with a random orbital sander and 3M™ backup pad (sold separately).

Mineral type: Aluminium oxide

Backing: Paper

Colour: Brown

View product information tables

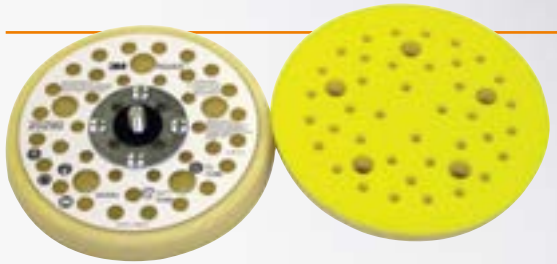
Accessory Information

3M™ Hookit™ Low Profile Clean Sanding Back-Up Pad

- For use with Hookit™ Clean Sanding discs
- Aluminium oxide mineral is fast cutting, contributing to better throughput and increased productivity
- Ideal for efficient flat sanding and especially aggressive operations – when good levelling is needed, use pads with coarser grades
- Our versatile disc pads are strong yet flexible, made from firm density foam with a 35° blunt tapered edge, giving them added durability
- Designed to eliminate the need for hole alignment, these disc pads feature our multi-hole pattern that works with a vacuum to help remove dust from the disc, workpiece and surrounding air

View product information tables

3M™ Hookit™ Low Profile Back-Up Pad



- Low profile soft density yellow pad provides flexibility to reduce loading
- 15 degree tapered edge is ideal for final finishing on flat or contoured surfaces
- 3M™ Hookit™ attachment provides excellent backing support and easy reuse, optimising disc life
- Use in applications using fine grade abrasives (grade 220 and finer). Use with coarse grade abrasives may cause premature foam failure

View product information tables

Accessory information

3M™ Hookit™ D/F Disc Back-Up Pad

- J hooks securely hold a 3M™ Hookit™ disc or 3M™ Finesse-it™ buffing pad
- For use with a random orbital sander, rotary sander, or right angle grinder
- 3M™ Hookit™ system provides easy removal and re-use
- 45 degree tapered edge provides some flexibility for feather-edging and blending
- 82659, 5 in x 3/4 in 5/16-24 External 5 Holes

View product information tables

Tool and Abrasive Safety

Abrasive Hazards

SAFETY BUILT IN

Choosing the right abrasive

An important factor that is often overlooked when assessing engineering and adminstrative controls is the selection of the abrasive products, ensuring the most appropriate abrasive product and abrasive mineral have been selected to help reduce the risks from hand-arm vibration, airborne particles and noise.

Although these controls will not eliminate the need to use the appropriate PPE, they play a vital role in reducing risk and keeping the workplace safe.

Hand-arm vibration

The risk of vibration-related injury is associated with tasks that require excessive bending of the wrists or time spend holding hand-held machinery.

Suggestions to help control the risks:

- Reduce the vibration transmitted to the hand
- Reduce the time spent holding vibrating equipment or work pieces
- Choose the right tools and abrasives for the application

Airborne particles

Airborne particulate matter generated by activities such as cutting, grinding, sanding of organic and inorganic matter such as minerals, metal, paint etc.

Suggestions to help control the risks:

- Remove or reduce the exposure
- Use dust extractions units
- Choose the correct abrasives for the application
- Wear the appropriate PPE

Noise

Noise is normally defined as unwanted sound and is one of the most common health hazards.

Suggestions to help control the risks:

- The amount of time you listen to a sound affects how much damage it will cause
- The quieter the sound, the longer you can listen to it safely
- Choose the right tools and abrasives for the application
- The appropraite PPE must be worn when exposed to noise levels from 85dB and above

Cuts and other injuries

Injury can be caused by direct bodily contact with rotating surfaces, leading to cuts and burns to the operator and workers in the immediate vacinity.

Suggestions to help control the risks:

- Ensuring that each tool and consumable is safe and fit for purpose
- Choose the right tools and abrasives for the application
- Wear the appropriate PPE

For more information go to **www.3M.co.uk/safetybuiltin**

Using Abrasives Safely

PPE guide

Hearing protection

Protect your hearing from noise from machinery and tool use.

Respirator

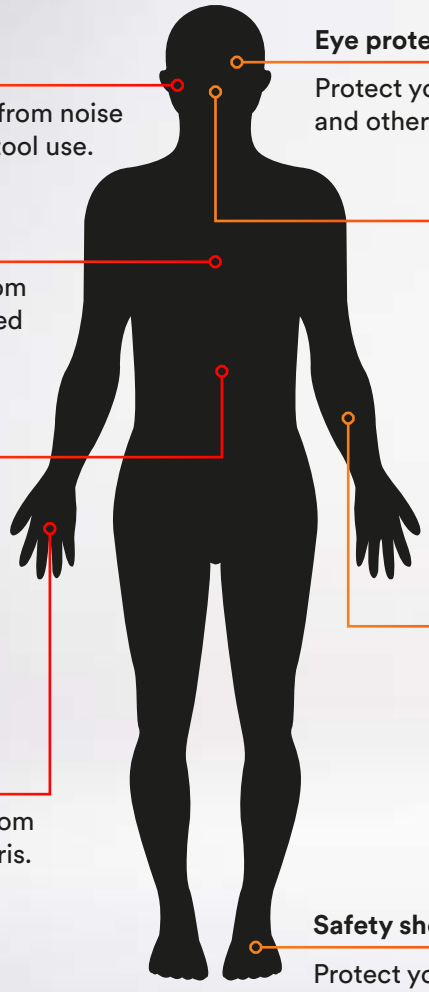
Protect your lungs from fine particles produced using abrasives.

Apron

Additional protection must be worn to protect operator from sparks created by cutting and grinding products.

Hand protection

Protect your hands from sparks and other debris.



Eye protection

Protect your eyes from sparks and other airborne debris.

Full face visor

Protect your whole face from the added dangers of using cutting and grinding products.

Long sleeved clothing

Protect bare skin from airborne debris.

Safety shoes

Protect your feet from falling heavy objects.

For more information go to **www.3M.co.uk/safetybuiltin**

Stay safe on the job with 3M™ Personal Protective Equipment*

3M™ Headgear G500

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection.

3M™ PELTOR™ X4 Ear Defender Helmet Mounted

The 3M™ PELTOR™ X4 Ear Defenders are designed to offer protection against high noise levels, whilst maintaining a sleek, low profile, aesthetically pleasing design.

3M™ GoggleGear™ 500 Series

The 3M™ GoggleGear™ 500-Series is a low-profile design with an adjustable strap and indirect ventilation. These splash goggles with 3M™ Scotchgard™ Anti-Fog Coating help keep lenses clear in, steamy and wet environments.

3M™ Aura™ 9332+ Valved Respirator

A 3 panel flat fold design allows workers to move and speak more freely and provides an effective filtration of hazardous particles.

3M™ E-A-R™ UltraFit™ Earplugs

Flexible tri-flange design conforms to most ear canals. Soft and durable material improves comfort and wearability. No need to handle the plug tip making them more hygienically acceptable.

**Please read and follow all 3M instruction for proper use.*

Using Abrasives

The tool

- Check power cable or air line
- Check stop/start switch works
- Does it run and sound smooth?
- Is the handle securely fitted?

The guard

- Check it's present
- Check it's in the right position
- Check it's secure
- Check for debris and remove

The method S-C-A-R-T

- **Sparks:** Check immediate surroundings for anything flammable
- **Communicate:** Tell others nearby you're about to start abrasive use
- **Abrasive selection:** Use the appropriate abrasives for the job
- **Rotation:** Minimise extended stress postures and vibration exposure
- **Tool angle:** Ensure angle of tool when in use is correct

The abrasive

- Are you trained to change?
- Check for defects and damage
- Check the date (see right)
- Check the substrate compatibility

Ensure the wheel has the EN mark and check the wheel expiry date:

Code	Quarter
V 01	January – March
V 02	April – June
V 03	July – September
V 04	October – December

For more information go to **www.3M.co.uk/safetybuiltin**

Using Abrasives

What do the symbols on your disc mean?

EN 12413
declaration of conformity

Suitable for use on mild steel

Suitable for use on stainless steel

Wear appropriate respiratory protection

Wear protective visor in place of safety glasses

Do not use if damaged

Do not use the product on its face to grind substrate

Wear appropriate hearing protection

Wear an apron designed to protect from sparks

Wear appropriate safety glasses

Wear gloves that protect from sparks

Do not use different sized top and bottom flanges

Do not use water with the product - not suitable for wet grinding

3M bonded and coated abrasives are recognised with the oSa certification. Being certified with the oSa trademark means the highest level of tested safety of abrasives with EN standards compliance.

Using Abrasives

Safety first

Read safety insert before mounting or using product

Wear proper personal protective equipment

Always wear proper PPE as identified by your risk assessment to help protect against dust, grinding sparks and debris, noise and some wheel fragments.

- Full face shield
- Impact resistant protective eyewear marked as ANSI Z87.1 conformant

- Hearing protection
- NIOSH approved respirator

Safe operating procedures

Broken wheel hazard

Follow these precautions to reduce the risk of injury or death from a wheel breaking.

Tool selection:

1. Use only on tools designed for grinding wheels.
2. Check tool RPM rating. Never use a tool that runs faster than the max. Exceeding the wheel's maximum RPM can cause it to break apart.
3. Use only with proper guard. The guard helps direct fragments away from you if the wheel breaks.
4. Use only with flanges which are clean, matching and at least 1/3 of the wheel's diameter.

Mounting:

1. Inspect the wheel. Never use damaged wheels. Replace if damaged (e.g. cracks or chips).
2. Follow tool manufacturer's mounting instructions.
3. Never force wheel onto tool spindle or alter wheel centre hole size. Do not alter wheel in any way.
4. Use correct attachment system. Tighten nut only enough to firmly hold wheel. Ensure full 3 thread contact with spindle.

Follow good cutting practices:

- Secure workpiece
- Keep all body parts and objects clear of cutting path
- Only cut with edge of wheel
- Begin cutting by gradually engaging work piece
- Never bump or force wheel so that tool motor slows or stalls
- Make only straight cuts. Never twist or bend wheel
- Direct sparks away from face and body

Refer to ANSI B7.1 or EN 12413 for complete safety information.

For more information go to **www.3M.co.uk/safetybuiltin**

Links to Further Reading:

Health and Safety Executive
www.hse.gov.uk

British Abrasives Federation (BAF)
www.thebaf.org.uk

Federation of European Producers of Abrasives (FEPA)
www.fepa-abrasives.com

Organization for the Safety of Abrasives
www.osa-abrasives.org/

Institute of Local Exhaust Ventilation Engineers (ILEVE)
www.cibse.org/Institute-of-Local-Exhaust-Ventilation-Engineers-I

Industrial Noise Control:
www.industrialnoisecontrol.com/inc-library/noise-control-faqs

Hierarchy of Controls – National Institute for Occupational Safety and Health
www.cdc.gov/NIOSH

For further formation on the independent test data carried out by the Fraunhofer Institute and the Flemish Institute for Technological Research (VITO), please contact us: **abrasives.uk@mmm.com**

Product Reference – For Right Angle Grinder

3M™ Cubitron™ II Cut-Off Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100032406	75 mm	1 mm	9.53 mm	N/A	N/A	6
7100032583	75 mm	1.6 mm	9.53 mm	N/A	N/A	6
7100101771	100 mm	1 mm	9.53 mm	N/A	N/A	6
7100032407	115 mm	1 mm	22.23 mm	N/A	N/A	6
7100094853	75 mm	1 mm	6.35 mm	T41	50	50
7100094903	75 mm	1 mm	8 mm	T41	50	50
7100094854	75 mm	1 mm	9.53 mm	T41	50	50
7100228587	100 mm	2 mm	16 mm	T41	50	50
7100015141	100 mm	2 mm	15.88 mm	T41	50	50
7100094902	115 mm	1 mm	22.23 mm	T41	50	50
7100231330	115 mm	1.6 mm	22.23 mm	T41	50	50
7100094901	125 mm	1 mm	22.23 mm	T41	50	50
7100231356	125 mm	1.26 mm	22.23 mm	T41	50	50
7100231343	125 mm	2 mm	22.23 mm	T41	50	50
7100136995	180 mm	2 mm	22.23 mm	T41	50	50
7100136990	230 mm	2 mm	22.23 mm	T41	50	50
7100136991	230 mm	2.5 mm	22.23 mm	T41	50	50
7100136992	230 mm	3 mm	22.23 mm	T41	50	50
7100228947	115 mm	2.5 mm	22.23 mm	T42	50	50
7100228958	125 mm	2.5 mm	22.23 mm	T42	50	50
7100136993	180 mm	2.5 mm	22.23 mm	T42	50	50
7100136994	230 mm	2.5 mm	22.23 mm	T42	50	50

Product Reference – For Right Angle Grinder

3M™ Silver Cut-Off Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100139207	75 mm	0.9 mm	6 mm	T41	50	50
7100139209	75 mm	0.9 mm	10 mm	T41	50	50
7100139211	75 mm	1.6 mm	10 mm	T41	50	50
7100139213	100 mm	0.9 mm	6 mm	T41	50	50
7100139216	100 mm	1 mm	10 mm	T41	50	50
7100139217	100 mm	1 mm	16 mm	T41	50	50
7100139218	100 mm	1.3 mm	16 mm	T41	50	50
7100139219	105 mm	1 mm	10 mm	T41	50	50
7100139220	105 mm	1 mm	16 mm	T41	50	50
7100139225	105 mm	2 mm	16 mm	T41	50	50
7100139227	115 mm	1 mm	22.23 mm	T41	50	50
7100139229	115 mm	1.6 mm	22.23 mm	T41	50	50
7100139232	125 mm	1 mm	22.23 mm	T41	50	50
7100139234	125 mm	1.6 mm	22.23 mm	T41	50	50
7100139235	150 mm	1.6 mm	22.23 mm	T41	50	50
7100139238	125 mm	2 mm	22.23 mm	T41	50	50
7100139239	180 mm	1.6 mm	22.23 mm	T41	50	50
7100139240	180 mm	2 mm	22.23 mm	T41	50	50
7100141045	180 mm	3 mm	22.23 mm	T41	50	50
7100141056	115 mm	2.5 mm	22.23 mm	T42	50	50
7100141067	180 mm	2.5 mm	22.23 mm	T42	50	50
7100141068	230 mm	2 mm	22.23 mm	T41	50	50

3M™ Cubitron™ II Cut and Grind Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100017401	100 mm	4.2 mm	15.88 mm	T27	20	20
7100017404	115 mm	4.2 mm	22.23 mm	T27	20	20
7100017402	125 mm	4.2 mm	22.23 mm	T27	20	20
7100017403	150 mm	4.2 mm	22.23 mm	T27	20	20
7100017411	180 mm	4.2 mm	22.23 mm	T27	20	20
7100017410	230 mm	4.2 mm	22.23 mm	T27	20	20

Product Reference – For Right Angle Grinder

3M™ Cut and Grind Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100214038	115 mm	4.2 mm	22.23 mm	T27	20	20
7100214085	127 mm	4.2 mm	22.23 mm	T27	20	20
7100214087	150 mm	4.2 mm	22.23 mm	T27	20	20
7100214088	180 mm	4.2 mm	22.23 mm	T27	20	20
7100214089	230 mm	4.2 mm	22.23 mm	T27	20	20

3M™ Cubitron™ II Flexible Grinding Wheels

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100140055	100 mm	3 mm	22.23 mm	T27	200	200
7100140056	115 mm	3 mm	22.23 mm	T27	200	200
7100140059	115 mm	3 mm	22.23 mm	T27	200	200
7100140057	125 mm	3 mm	22.23 mm	T27	200	200
7100140060	125 mm	3 mm	22.23 mm	T27	200	200
7100140058	180 mm	4 mm	22.23 mm	T27	100	100

3M™ Cubitron™ II Depressed Centre Grinding Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7000118427	101.6 mm	6.35 mm	15.875 mm	T27	20	20
7100074406	115 mm	7 mm	22.23 mm	T27	20	20
7100074405	125 mm	7 mm	22.23 mm	T27	20	20
7100074524	150 mm	7 mm	22.23 mm	T27	20	20
7100074407	180 mm	7 mm	22.23 mm	T27	20	20
7100074408	230 mm	7 mm	22.23 mm	T27	20	20

Product Reference – For Right Angle Grinder

3M™ Silver Depressed Centre Grinding Wheel

Stock ID (code)	Diameter	Thickness	Centre hole	Type	Case units	MOQ
7100141123	100 mm	7 mm	16 mm	T27	20	20
7100141083	115 mm	7 mm	22.23 mm	T27	20	20
7100141086	125 mm	7 mm	22.23 mm	T27	20	20
7100141089	150 mm	7 mm	22.23 mm	T27	20	20
7100141096	180 mm	7 mm	22.23 mm	T27	20	20
7100141099	230 mm	7 mm	22.23 mm	T27	20	20

3M™ Cubitron™ II Flap Disc 969F

Stock ID (code)	Diameter	Centre hole	Grade	Type	Case units	MOQ
7100105847	115 mm	22 mm	40+	Conical	10	10
7100105848	115 mm	22 mm	60+	Conical	10	10
7100105849	115 mm	22 mm	80+	Conical	10	10
7100105850	125 mm	22 mm	40+	Conical	10	10
7100105851	125 mm	22 mm	60+	Conical	10	10
7100105852	125 mm	22 mm	80+	Conical	10	10
7100105853	150 mm	22 mm	40+	Conical	15	15
7100105854	150 mm	22 mm	60+	Conical	15	15
7100105855	150 mm	22 mm	80+	Conical	15	15
7100105856	180 mm	22 mm	40+	Conical	10	10
7100105857	180 mm	22 mm	60+	Conical	10	10
7100105858	180 mm	22 mm	80+	Conical	10	10
7100105859	115 mm	22 mm	40+	Flat	10	10
7100105860	115 mm	22 mm	60+	Flat	10	10
7100105861	115 mm	22 mm	80+	Flat	10	10
7100105862	125 mm	22 mm	40+	Flat	10	10
7100105863	125 mm	22 mm	60+	Flat	10	10
7100105864	125 mm	22 mm	80+	Flat	10	10
7100105865	180 mm	22 mm	40+	Flat	10	10
7100105866	180 mm	22 mm	60+	Flat	10	10
7100105867	180 mm	22 mm	80+	Flat	10	10

Product Reference – For Right Angle Grinder

3M™ Cubitron™ II Flap Disc 967A

Stock ID (code)	Diameter	Centre hole	Grade	Type	Case units	MOQ
7000104359	115 mm	22 mm	40+	Conical	10	10
7000104360	115 mm	22 mm	60+	Conical	10	10
7000104361	115 mm	22 mm	80+	Conical	10	10
7100011310	125 mm	22.225 mm	40+	Conical	10	10
7100011144	125 mm	22.225 mm	60+	Conical	10	10
7100011569	125 mm	22.225 mm	80+	Conical	10	10
7100026188	150 mm	22 mm	40+	Conical	15	15
7000104365	180 mm	22 mm	40+	Conical	10	10
7000104366	180 mm	22 mm	60+	Conical	10	10
7000104367	180 mm	22 mm	80+	Conical	10	10
7000104371	115 mm	22 mm	40+	Flat	10	10
7000104372	115 mm	22 mm	60+	Flat	10	10
7000104373	115 mm	22 mm	80+	Flat	10	10
7000104374	125 mm	22 mm	40+	Flat	10	10
7000104375	125 mm	22 mm	60+	Flat	10	10
7000104376	125 mm	22 mm	80+	Flat	10	10
7000104377	180 mm	22 mm	40+	Flat	10	10
7000104378	180 mm	22 mm	60+	Flat	10	10
7000104379	180 mm	22 mm	80+	Flat	10	10

Product Reference – For Right Angle Grinder

3M™ Flap Disc 769F

Stock ID (code)	Diameter	Centre hole	Grade	Type	Case units	MOQ
7100196818	115 mm	22.23 mm	40+	Conical	100	10
7100196816	115 mm	22.23 mm	60+	Conical	100	10
7100196789	115 mm	22.23 mm	80+	Conical	100	10
7100196539	115 mm	22.23 mm	120+	Conical	100	10
7100196812	125 mm	22.23 mm	40+	Conical	100	10
7100196797	125 mm	22.23 mm	60+	Conical	100	10
7100196791	125 mm	22.23 mm	80+	Conical	100	10
7100196815	125 mm	22.23 mm	120+	Conical	100	10
7100239219	150 mm	22.23 mm	40+	Conical	20	20
7100239223	150 mm	22.23 mm	60+	Conical	20	20
7100240279	150 mm	22.23 mm	80+	Conical	20	20
7100239224	150 mm	22.23 mm	120+	Conical	20	20
7100197061	180 mm	22.23 mm	40+	Conical	20	5
7100196798	180 mm	22.23 mm	60+	Conical	20	5
7100196794	180 mm	22.23 mm	80+	Conical	20	5
7100196793	180 mm	22.23 mm	120+	Conical	20	5
7100196540	115 mm	22.23 mm	40+	Flat	100	10
7100196817	115 mm	22.23 mm	60+	Flat	100	10
7100196820	115 mm	22.23 mm	80+	Flat	100	10
7100196819	115 mm	22.23 mm	120+	Flat	100	10
7100196813	125 mm	22.23 mm	40+	Flat	100	10
7100196799	125 mm	22.23 mm	60+	Flat	100	10
7100196790	125 mm	22.23 mm	80+	Flat	100	10
7100196821	125 mm	22.23 mm	120+	Flat	100	10
7100196538	180 mm	22.23 mm	40+	Flat	20	5
7100196800	180 mm	22.23 mm	60+	Flat	20	5
7100197431	180 mm	22.23 mm	80+	Flat	20	5
7100196792	180 mm	22.23 mm	120+	Flat	20	5

Product Reference – For Right Angle Grinder

3M™ Cubitron™ II Fibre Disc 982CX Pro

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100242886	100 mm	16 mm	36+	100	100
7100242885	115 mm	22.23 mm	36+	100	100
7100246096	125 mm	22.23 mm	36+	100	100
7100242966	150 mm	22.23 mm	36+	100	100
7100242965	180 mm	22.23 mm	36+	100	100
7100242967	180 mm	22.23 mm	36+	100	100

3M™ Cubitron™ II Fibre Disc 982C

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7000000402	100 mm	16 mm	36+	100	100
7000000403	100 mm	16 mm	60+	100	100
7000000404	100 mm	16 mm	80+	100	100
7000028192	114.3 mm	22.225 mm	36+	100	100
7000028194	115 mm	22 mm	60+	100	100
7000028196	115 mm	22 mm	80+	100	100
7000028191	127 mm	22.225 mm	36+	100	100
7000028195	125 mm	22 mm	60+	100	100
7000028197	125 mm	22 mm	80+	100	100
7000045230	150 mm	22 mm	36+	100	100
7000000393	177.8 mm	22.225 mm	36+	100	100
7000028201	180 mm	22 mm	36+	100	100
7000028203	180 mm	22 mm	60+	100	100
7000028204	180 mm	22 mm	80+	100	100
7000144562	230 mm	22 mm	36+	100	100

Product Reference – For Right Angle Grinder

3M™ Cubitron™ II Fibre Disc 987C

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7000000405	100 mm	16 mm	36+	100	100
7000000406	100 mm	16 mm	60+	100	100
7000000407	100 mm	16 mm	80+	100	100
7000045159	115 mm	22 mm	36+	100	100
7000045160	115 mm	22 mm	60+	100	100
7000045161	115 mm	22 mm	80+	100	100
7000028193	125 mm	22 mm	36+	100	100
7000028199	125 mm	22 mm	60+	100	100
7000028200	125 mm	22 mm	80+	100	100
7000045188	180 mm	22 mm	36+	100	100
7000045186	180 mm	22 mm	60+	100	100
7000045187	180 mm	22 mm	80+	100	100
7000062842	115 mm	22 mm	36+	50	50
7000062843	115 mm	22 mm	60+	50	50
7000062845	115 mm	22 mm	80+	50	50
7000062841	125 mm	22 mm	36+	50	50
7000062844	125 mm	22 mm	60+	50	50
7000062846	125 mm	22 mm	80+	50	50

Product Reference – For Right Angle Grinder

3M™ Fibre Disc 787C

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100099238	100 mm	16 mm	36+	100	100
7100099258	100 mm	16 mm	60+	100	100
7100099252	100 mm	16 mm	80+	100	100
7100099241	100 mm	16 mm	120+	100	100
7100099787	115 mm	22 mm	36+	100	100
7100099260	115 mm	22 mm	60+	100	100
7100099254	115 mm	22 mm	80+	100	100
7100099791	115 mm	22 mm	120+	100	100
7100099788	125 mm	22 mm	36+	100	100
7100099245	125 mm	22 mm	60+	100	100
7100099256	125 mm	22 mm	80+	100	100
7100099546	125 mm	22 mm	120+	100	100
7100099257	180 mm	22 mm	36+	100	100
7100099247	180 mm	22 mm	60+	100	100
7100099240	180 mm	22 mm	80+	100	100
7100099243	180 mm	22 mm	120+	100	100

3M™ Fibre Disc 782C

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100099264	100 mm	16 mm	36+	100	100
7100099249	100 mm	16 mm	60+	100	100
7100099092	100 mm	16 mm	80+	100	100
7100099545	115 mm	22 mm	36+	100	100
7100099250	115 mm	22 mm	60+	100	100
7100099093	115 mm	22 mm	80+	100	100
7100099576	125 mm	22 mm	36+	100	100
7100099094	125 mm	22 mm	60+	100	100
7100099095	125 mm	22 mm	80+	100	100
7100099284	180 mm	22 mm	36+	100	100
7100099091	180 mm	22 mm	60+	100	100
7100099237	180 mm	22 mm	80+	100	100

Product Reference – For Right Angle Grinder

Scotch-Brite™ Light Grinding and Blending Disc GB-DH

Stock ID (code)	Diameter	Centre hole	Grade	Colour	Case units	MOQ
7000046244	114.3 mm	22.225 mm	Heavy duty	Purple	50	50
7000046263	115 mm	22 mm	Heavy duty	Purple	50	50
7000046264	115 mm	22 mm	Super duty	Blue	50	50
7000046245	127 mm	22.225 mm	Heavy duty	Purple	50	50
7000046247	127 mm	22.225 mm	Super duty	Blue	50	50
7000046248	177.8 mm	22.225 mm	Heavy duty	Purple	25	25
7000046249	177.8 mm	22.225 mm	Heavy duty	Purple	25	25

Scotch-Brite™ Precision Surface Conditioning Disc PN-DH

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100274706	100 mm	No Hole	Extra coarse	100	100
7100274705	100 mm	No Hole	Coarse	100	100
7100274669	100 mm	No Hole	Medium	100	100
7100274670	100 mm	No Hole	Fine	100	100
7100274671	100 mm	No Hole	Very fine	100	100
7100274270	115 mm	No Hole	Extra coarse	100	100
7100274273	115 mm	No Hole	Coarse	100	100
7100274223	115 mm	No Hole	Medium	100	100
7100274222	115 mm	No Hole	Fine	100	100
7100274224	115 mm	No Hole	Very fine	100	100
7100274272	125 mm	No Hole	Extra coarse	100	100
7100274275	125 mm	No Hole	Coarse	100	100
7100274271	125 mm	No Hole	Medium	100	100
7100274274	125 mm	No Hole	Fine	100	100
7100274277	125 mm	No Hole	Very fine	100	100
7100274661	150 mm	No Hole	Extra coarse	100	100
7100274660	150 mm	No Hole	Coarse	100	100
7100274662	150 mm	No Hole	Medium	100	100

Continued...

Product Reference – For Right Angle Grinder

Scotch-Brite™ Precision Surface Conditioning Disc PN-DH (Cont.)

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100274663	150 mm	No Hole	Fine	100	100
7100274704	150 mm	No Hole	Very fine	100	100
7100275256	178 mm	No Hole	Extra coarse	100	100
7100275259	178 mm	No Hole	Coarse	100	100
7100275258	178 mm	No Hole	Medium	100	100
7100275255	178 mm	No Hole	Fine	100	100
7100275253	178 mm	No Hole	Very fine	100	100
7100275260	100 mm	16 mm	Extra coarse	100	100
7100275261	100 mm	16 mm	Coarse	100	100
7100275899	100 mm	16 mm	Medium	100	100
7100275837	100 mm	16 mm	Fine	100	100
7100275838	100 mm	16 mm	Very fine	100	100
7100274225	115 mm	22.23 mm	Extra coarse	100	100
7100274279	115 mm	22.23 mm	Coarse	100	100
7100275844	115 mm	22.23 mm	Medium	100	100
7100275836	115 mm	22.23 mm	Fine	100	100
7100275845	115 mm	22.23 mm	Very fine	100	100
7100274226	125 mm	22.23 mm	Extra coarse	100	100
7100274227	125 mm	22.23 mm	Coarse	100	100
7100274229	125 mm	22.23 mm	Medium	100	100
7100276268	125 mm	22.23 mm	Fine	100	100
7100274228	125 mm	22.23 mm	Very fine	100	100
7100274664	178 mm	22.23 mm	Extra coarse	100	100
7100274665	178 mm	22.23 mm	Coarse	100	100
7100274666	178 mm	22.23 mm	Medium	100	100
7100274667	178 mm	22.23 mm	Fine	100	100
7100274668	178 mm	22.23 mm	Very fine	100	100

Product Reference – For Right Angle Grinder

Scotch-Brite™ Surface Conditioning Disc SC-DH

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7100233605	100 mm	16 mm	A coarse	20	20
7100233780	100 mm	16 mm	A medium	20	20
7100233781	100 mm	16 mm	A very fine	20	20
7100233608	115 mm	22 mm	A coarse	20	20
7100233812	115 mm	22 mm	A medium	20	20
7100233795	115 mm	22 mm	A very fine	20	20
7100233609	125 mm	22 mm	A coarse	20	20
7100233803	125 mm	22 mm	A medium	20	20
7100234045	125 mm	22 mm	A very fine	20	20
7100233794	178 mm	22 mm	A coarse	20	20
7100233775	178 mm	22 mm	A medium	20	20
7100233809	178 mm	22 mm	A very fine	20	20

Scotch-Brite™ Deburr and Finish PRO Unitized Disc DP-UD

Stock ID (code)	Diameter	Centre hole	Grade	Case units	MOQ
7010412238	114.3 mm	22.225 mm	2S FIN	5	5
7100081369	114.3 mm	22.225 mm	MED	5	5
7100109111	114.3 mm	22.225 mm	8C CRS+	5	5

Product Reference – For Right Angle Grinder

Scotch-Brite™ Clean and Strip XT Pro Disc

Stock ID (code)	Diameter	Centre hole	Grade	Colour	Case units	MOQ
7100192707	75 mm	13 mm	S XCRS	Purple	10	10
7100192708	75 mm	6 mm	S XCRS	Purple	10	10
7100192709	100 mm	13 mm	S XCRS	Purple	10	10
7100176374	100 mm	13 mm	S XCRS	Purple	30	30
7100192711	100 mm	6 mm	S XCRS	Purple	10	10
7100192330	115 mm	22 mm	S XCRS	Purple	10	10
7100192333	115 mm	22 mm	S XCRS	Purple	10	10
7100192331	125 mm	22 mm	S XCRS	Purple	10	10
7100192335	125 mm	0 NP	S XCRS	Purple	10	10
7100192710	150 mm	13 mm	S XCRS	Purple	6	6
7100176347	150 mm	13 mm	S XCRS	Purple	20	20
7100192332	177.8 mm	22 mm	S XCRS	Purple	10	10
7100192334	177.8 mm	22 mm	S XCRS	Purple	10	10
7100176348	200 mm	13 mm	S XCRS	Purple	12	12

Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc

Stock ID (code)	Diameter	Centre hole	Grade	Colour	Case units	MOQ
7100192735	75 mm	6 mm	A XCRS	Green	10	10
7100192736	75 mm	6 mm	A XCRS	Green	10	10
7100192737	100 mm	6 mm	A XCRS	Green	10	10
7100175138	100 mm	13 mm	A XCRS	Green	30	30
7100192739	100 mm	6 mm	A XCRS	Green	10	10
7100192336	115 mm	22 mm	A XCRS	Green	10	10
7100192339	115 mm	22 mm	A XCRS	Green	10	1
7100192337	125 mm	22 mm	A XCRS	Green	10	10
7100192341	125 mm	0 NP	A XCRS	Green	10	10
7100192738	150 mm	8 mm	A XCRS	Green	6	6
7100175139	150 mm	13 mm	A XCRS	Green	20	20
7100191877	150 mm	22 mm	A XCRS	Green	20	20
7100192338	177.8 mm	22 mm	A XCRS	Green	10	10
7100192340	177.8 mm	22 mm	A XCRS	Green	10	10

Product Reference – For Right Angle Grinder

Scotch-Brite™ Radial Bristle Disc RD-ZB

Stock ID (code)	Diameter	Centre hole	Grade	Type	Case units	MOQ
7100002321	14.2875 mm	1.524 mm	P220	Type C	192	192
7000046125	14.2875 mm	1.524 mm	P400	Type C	192	192
7000046127	14.2875 mm	1.524 mm	Pol 1	Type C	192	192
7000000764	14.2875 mm	1.524 mm	P120	Type C	192	192
7000000766	19.05 mm	1.524 mm	1 Micron	Type C	192	192
7000000765	19.05 mm	1.524 mm	6 Micron	Type C	192	192
7100138342	19.05 mm	1.524	P120	Type C	192	192
7000000758	19.05 mm	1.524 mm	P220	Type C	192	192
7000000759	19.05 mm	1.524 mm	P400	Type C	192	192
7000000757	19.05 mm	1.524 mm	P80	Type C	192	192
7000000760	19.05 mm	1.524 mm	Pumice	Type C	192	192
7000000763	25.4 mm	3.048 mm	P120	Type C	96	96
7100138326	25.4 mm	3.048 mm	P36	Type C	96	96
7000000761	25.4 mm	3.048 mm	P50	Type C	96	96
7000000762	25.4 mm	3.048 mm	P80	Type C	96	96
7000046159	50.8 mm	9.398 mm	6 Micron	Type C	80	80
7100138294	50.8 mm	9.398	P120	Type C	80	80
7100138295	50.8 mm	9.398 mm	P220	Type C	80	80
7000028529	50.8 mm	9.398 mm	P400	Type C	80	80
7100138293	50.8 mm	9.398	P80	Type C	80	80
7000046158	50.8 mm	9.398 mm	Type C	Type C	80	80
7000046161	76.2 mm	9.398 mm	Type C	Type C	80	80
7100138297	76.2 mm	9.398 mm	P220	Type C	80	80
7000028532	76.2 mm	9.398 mm	P400	Type C	80	80
7100138323	76.2 mm	9.398	P50	Type C	40	40
7100138324	76.2 mm	9.398 mm	P80	Type A	40	40
7000000771	76.2 mm	9.398 mm	P80	Type C	80	80
7100007341	76.2 mm	9.398 mm	1 Micron	Type C	80	80
7000000749	76.2 mm	9.398 mm	P120	Type C	40	40
7100138296	76.2 mm	9.398	P120	Type C	80	80

Product Reference – For Right Angle Grinder

Scotch-Brite™ Bristle Disc BD-ZB

Stock ID (code)	Diameter	Grade/type	Case units	MOQ
7100138287	115 mm	P50/Green/M14	10	10
7100138288	115 mm	P80/Yellow/M14	10	10
7100138289	115 mm	P120/White/M14	10	10

3M™ High Performance Ribbed Back-Up Pad

Stock ID (code)	Diameter	Colour	Case units	MOQ
7000032409	115 mm	Red	10	10
7100135643	115 mm	Red	50	50
7000105441	115 mm	Black	10	10
7000032410	127 mm	Red	10	10
7000105442	127 mm	Black	10	10
7100016545	178 mm	Black	5	5
7000032411	180 mm	Red	15	15

3M™ Centre Pin Back-Up Pad

Stock ID (code)	Diameter	Size/type	Case units	MOQ
7000086469	100 mm	5/8	5	5
7000086456	100 mm	M10	5	5
7000086468	100 mm	M14	5	5
7000061390	115 mm	M14	5	5
7000061389	125 mm	M14	5	5
7000086464	180 mm	M14	5	5
7000032411	180 mm	Red	15	15

3M™ Flat Fibre Disc Back-Up Pad

Stock ID (code)	Diameter	Size/type	Case units	MOQ
7000062869	115 mm	M14, IPS	10	10
7000062870	125 mm	IPS	10	10
7100097174	125 mm	Low Profile	50	100
7000110550	127 mm	M14-2.0, Semi-Flex	10	10

Product Reference – For Right Angle Grinder

3M™ Electric Angle Grinder

Stock ID (code)	Diameter	Speed	Power	Case units	MOQ
7100249667	115 mm	Variable	1900 W	1	1
7100249668	125 mm	Variable	1900 W	1	1
7100249666	115 mm	Fix	1900 W	1	1
7100249665	125 mm	Fix	1900 W	1	1

Product Reference – For Abrasive Belts

3M™ Trizact™ Cloth Belt 237AA

Stock ID (code)	Size	Grade	Case units	MOQ
7000060078	50 mm x 450 mm	A30	30	30
7100219029	50 mm x 2500 mm	A100	30	30
7000059968	75 mm x 2000 mm	A65	20	20
7000060897	75 mm x 2000 mm	A45	20	20
7000060033	75 mm x 2000 mm	A30	20	20
7100219060	100 mm x 289 mm	A160	20	20
7100219061	100 mm x 289 mm	A100	20	20
7100219067	100 mm x 289 mm	A80	20	20
7100219145	100 mm x 289 mm	A65	20	20
7100219066	100 mm x 289 mm	A45	20	20
7100219073	100 mm x 289 mm	A30	20	20
7100219035	100 mm x 289 mm	A16	20	20
7100219009	100 mm x 4000 mm	A100	20	20
7100219002	100 mm x 9000 mm	A160	10	10
7100218951	100 mm x 9000 mm	A100	10	10
7100218952	100 mm x 9000 mm	A80	10	10
7000059967	300 mm x 3500 mm	A30	10	10

3M™ Cloth Belt 307D

Stock ID (code)	Size	Grade	Case units	MOQ
7100219063	12 mm x 2000 mm	P400	100	100
7100219072	50 mm x 2000 mm	P220	30	30
7100219070	50 mm x 2000 mm	P600	30	30

Product Reference – For Abrasive Belts

3M™ Trizact™ Cloth Belt 307EA

Stock ID (code)	Size	Grade	Case units	MOQ
7100168938	25 mm x 4000 mm	A16	40	40
7100218983	40 mm x 3500 mm	A16	30	30
7100218961	50 mm x 1520 mm	A100	30	30
7000060356	50 mm x 1525 mm	A16	30	30
7100218974	50 mm x 2500 mm	A16	30	30
7100218960	50 mm x 2500 mm	A30	30	30
7000059979	50 mm x 3500 mm	A30	30	30
7100166994	50 mm x 4000 mm	A16	30	30
7100219020	100 mm x 4000 mm	A45	20	20
7100218922	300 mm x 3500 mm	A100	10	10
7100218957	300 mm x 3500 mm	A65	10	10
7100218956	300 mm x 3500 mm	A30	10	10

3M™ Trizact™ Cloth Belt 337DC

Stock ID (code)	Size	Grade	Case units	MOQ
7100218992	100 mm x 289 mm	A160	20	20
7100219064	100 mm x 289 mm	A65	20	20
7100219074	100 mm x 289 mm	A30	20	20

3M™ Cubitron™ II Cloth Belt 784F

Stock ID (code)	Size	Grade	Case units	MOQ
7100219054	10 mm x 330 mm	60+	100	100
7100219053	10 mm x 330 mm	80+	100	100
7100218971	12 mm x 330 mm	60+	100	100
7100218959	13 mm x 305 mm	60+	100	100
7100218935	13 mm x 305 mm	80+	100	100
7100218942	13 mm x 457 mm	60+	100	100
7100218934	13 mm x 457 mm	80+	100	100
7100218941	13 mm x 610 mm	60+	100	100

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 784F (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7100219038	13 mm x 610 mm	80+	100	100
7100142081	20 mm x 457 mm	50+	100	100
7100218938	20 mm x 457 mm	60+	100	100
7100218937	20 mm x 520 mm	60+	100	100
7100181788	20 mm x 520 mm	80+	100	100
7100219050	50 mm x 2010 mm	36+	30	30
7100219030	50 mm x 4000 mm	36+	30	30
7100219028	75 mm x 2000 mm	36+	20	20
7100146406	75 mm x 2000 mm	60+	20	20
7100218932	75 mm x 2000 mm	80+	20	20
7100219046	75 mm x 2000 mm	120+	20	20
7100219056	100 mm x 289 mm	60+	20	20
7100219055	100 mm x 289 mm	80+	20	20
7100219057	100 mm x 2250 mm	80+	20	20
7100219071	100 mm x 3000 mm	36+	20	20
7100144567	100 mm x 3150 mm	50+	20	20
7100219023	100 mm x 3500 mm	50+	20	20
7100219043	100 mm x 9000 mm	80+	20	20
7100219037	150 mm x 2000 mm	36+	10	10
7100218940	150 mm x 2000 mm	60+	10	10
7100219051	150 mm x 2000 mm	120+	10	10
7100219036	150 mm x 2500 mm	36+	10	10
7100218933	150 mm x 2500 mm	80+	10	10
7100218939	150 mm x 3000 mm	60+	10	10
7100219045	150 mm x 3500 mm	36+	10	10
7100219013	150 mm x 3500 mm	50+	10	10
7100169532	190 mm x 2360 mm	120+	10	10

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 784F (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7100219033	220 mm x 2000 mm	36+	10	10
7100219004	220 mm x 2000 mm	50+	10	10
7100181358	300 mm x 16900 mm	36+	45	45
7100218936	300 mm x 22285 mm	60+	1	1
7100219052	1300 mm x 1900 mm	36+	2	2

3M™ Cubitron™ II Cloth Belt 947A

Stock ID (code)	Size	Grade	Case units	MOQ
7100176940	10 mm x 330 mm	40+	100	100
7100069960	10 mm x 330 mm	60+	100	100
7100070629	10 mm x 330 mm	80+	100	100
7100218984	10 mm x 330 mm	120+	100	100
7100219058	12 mm x 330 mm	60+	100	100
7100219040	13 mm x 305 mm	60+	100	100
7100219041	13 mm x 305 mm	80+	100	100
7100026792	13 mm x 457 mm	40+	100	100
7100026527	13 mm x 457 mm	60+	100	100
7100026427	13 mm x 457 mm	80+	100	100
7100026526	13 mm x 610 mm	60+	100	100
7100026755	13 mm x 610 mm	80+	100	100
7100026547	13 mm x 610 mm	120+	100	100
7100028819	19 mm x 457 mm	40+	100	100
7100027081	19 mm x 457 mm	60+	100	100
7100027618	19 mm x 457 mm	120+	100	100
7100026793	19 mm x 520 mm	40+	100	100
7100026791	19 mm x 520 mm	80+	100	100
7100218955	20 mm x 480 mm	60+	100	100
7100218954	20 mm x 520 mm	60+	100	100
7100047970	20 mm x 520 mm	80+	100	100
7100218950	20 mm x 520 mm	120+	100	100

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 947A (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7100219049	40 mm x 314 mm	120+	30	30
7100218993	50 mm x 450 mm	120+	30	30
7100218953	50 mm x 2500 mm	40+	30	30
7100026498	50 mm x 4000 mm	120+	30	30
7100025847	75 mm x 2000 mm	60+	20	20
7100026546	75 mm x 2000 mm	120+	20	20
7100026426	100 mm x 289 mm	60+	20	20
7100026670	100 mm x 289 mm	80+	20	20
7100219001	100 mm x 9000 mm	60+	20	20
7100219068	100 mm x 9000 mm	80+	20	20
7100026529	100 mm x 9000 mm	120+	20	20
7100219007	120 mm x 9000 mm	120+	10	10
7100219146	345 mm x 1615 mm	120+	5	5

3M™ Cubitron™ II Cloth Belt 984F

Stock ID (code)	Size	Grade	Case units	MOQ
7100218943	10 mm x 305 mm	80+	100	100
7000060872	10 mm x 330 mm	60+	100	100
7000060879	10 mm x 330 mm	80+	100	100
7000060889	12 mm x 330 mm	60+	100	100
7000060887	12 mm x 330 mm	80+	100	100
7100218990	12 mm x 520 mm	36+	100	100
7000060873	13 mm x 305 mm	60+	100	100
7000060865	13 mm x 457 mm	60+	100	100
7000060866	13 mm x 457 mm	80+	100	100
7000060862	13 mm x 610 mm	36+	100	100
7000060867	13 mm x 610 mm	60+	100	100
7000060868	13 mm x 610 mm	80+	100	100
7000060870	20 mm x 457 mm	60+	100	100
7000060880	20 mm x 520 mm	80+	100	100

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 984F (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7000060863	20 mm x 520 mm	36+	100	100
7000060823	25 mm x 4000 mm	36+	40	40
7100030136	25 mm x 4000 mm	60+	40	40
7100219014	30 mm x 1250 mm	80+	40	40
7000060768	38 mm x 1525 mm	36+	40	40
7100218988	50 mm x 1000 mm	36+	30	30
7100219008	50 mm x 1500 mm	36+	30	30
7000060748	50 mm x 2000 mm	36+	30	30
7000060848	50 mm x 2000 mm	60+	30	30
7000060849	50 mm x 2000 mm	80+	30	30
7000060741	50 mm x 2500 mm	36+	30	30
7100218978	50 mm x 2500 mm	60+	30	30
7100218982	50 mm x 2740 mm	60+	30	30
7100218948	50 mm x 3500 mm	60+	30	30
7100218973	50 mm x 3500 mm	80+	30	30
7000060754	50 mm x 4000 mm	36+	30	30
7000060780	50 mm x 4000 mm	60+	30	30
7100218996	50 mm x 787 mm	36+	30	30
7000060743	50mm x 3500mm	36+	30	30
7100219016	60 mm x 2175 mm	36+	30	30
7000060749	60 mm x 3500 mm	36+	30	30
7100219021	70 mm x 2000 mm	60+	30	30
7100219059	70 mm x 4000 mm	36+	20	30
7000060753	75 mm x 2000 mm	36+	20	20
7000060778	75 mm x 2000 mm	60+	20	20
7000060777	75 mm x 2000 mm	80+	20	20
7000060762	75 mm x 2250 mm	36+	20	20
7000060742	75 mm x 2500 mm	36+	20	20
7000060766	75 mm x 3000 mm	36+	20	20
7100219024	75 mm x 4000 mm	36+	20	30

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 984F (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7100219005	80 mm x 9000 mm	80+	20	20
7000060773	100 mm x 1000 mm	36+	20	20
7000060767	100 mm x 1220 mm	36+	20	20
7000060755	100 mm x 2000 mm	36+	20	20
7100218981	100 mm x 2000 mm	60+	20	20
7100219022	100 mm x 2200 mm	36+	20	20
7100218972	100 mm x 2250 mm	36+	20	20
7100218969	100 mm x 2500 mm	36+	20	20
7000060776	100 mm x 2740 mm	36+	20	20
7000060756	100 mm x 3000 mm	36+	20	20
7100219000	100 mm x 3450 mm	36+	20	20
7000060746	100 mm x 3500 mm	36+	20	20
7100218977	100 mm x 9000 mm	80+	20	20
7100218999	102 mm x 4270 mm	36+	20	20
7100218968	120 mm x 1000 mm	36+	10	10
7100218991	120 mm x 2300 mm	36+	10	10
7000060757	120 mm x 2500 mm	36+	10	10
7100218967	120 mm x 2800 mm	36+	10	10
7100219017	120 mm x 9000 mm	36+	10	10
7100219011	145 mm x 4000 mm	36+	10	10
7100219025	150 mm x 1900 mm	36+	10	10
7000060771	150 mm x 10700 mm	36+	6	6
7000060751	150 mm x 2000 mm	36+	10	10
7000060775	150 mm x 2000 mm	60+	10	10
7000060789	150 mm x 2000 mm	80+	10	10
7000060822	150 mm x 2250 mm	36+	10	10
7100218966	150 mm x 2500 mm	36+	10	10
7100218980	150 mm x 2500 mm	60+	10	10
7100218975	150 mm x 2500 mm	80+	10	10
7000060752	150 mm x 3500 mm	36+	10	10
7000060790	150 mm x 3500 mm	60+	10	10

Continued...

Product Reference – For Abrasive Belts

3M™ Cubitron™ II Cloth Belt 984F (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7000060788	150 mm x 3500 mm	80+	10	10
7100038905	190 mm x 2360 mm	80+	10	10
7000060772	200 mm x 4250 mm	36+	5	5
7100218965	300 mm x 2000 mm	36+	10	10
7100218964	300 mm x 3000 mm	36+	10	10
7100218976	300 mm x 3000 mm	80+	10	10
7100218962	300 mm x 3500 mm	36+	5	5
7100218985	300 mm x 3500 mm	60+	10	10
7100218945	300 mm x 3500 mm	80+	10	10
7100144158	300 mm x 16900 mm	36+	45	45

3M™ Cubitron™ II Cloth Belt 994F

Stock ID (code)	Size	Grade	Case units	MOQ
7000060890	50 mm x 3500 mm	36+	30	30

Scotch-Brite™ Durable Flex Belt DF-BL

Stock ID (code)	Size	Grade	Case units	MOQ
7000067935	6 mm x 457 mm	A CRS	25	25
7100219034	6 mm x 457 mm	A MED	25	25
7100219015	6 mm x 610 mm	A MED	25	25
7000067940	6 mm x 610 mm	A FIN	25	25
7100219018	10 mm x 330 mm	A CRS	25	25
7100218994	10 mm x 330 mm	A FIN	25	25
7100219026	12 mm x 330 mm	A CRS	25	25
7100218947	13 mm x 457 mm	A CRS	25	25
7100218963	13 mm x 457 mm	A MED	25	25
7100219042	13 mm x 457 mm	A FIN	25	25

Continued...

Product Reference – For Abrasive Belts

Scotch-Brite™ Durable Flex Belt DF-BL (Cont.)

Stock ID (code)	Size	Grade	Case units	MOQ
7100218986	13 mm x 610 mm	A CRS	25	25
7100218979	13 mm x 610 mm	A MED	25	25
7100219006	13 mm x 610 mm	A FIN	25	25
7100218946	20 mm x 520 mm	A CRS	10	10
7100218970	25 mm x 457 mm	A FIN	10	10
7100219010	50 mm x 1100 mm	A MED	6	6
7100219027	50 mm x 2500 mm	A MED	6	6
7100219003	60 mm x 2400 m	A CRS	6	6
7100219048	100 mm x 289 mm	A CRS	5	5
7100219044	100 mm x 289 mm	A MED	5	5
7100219047	100 mm x 289 mm	A FIN	5	5

Scotch-Brite™ Surface Conditioning Belt

Stock ID (code)	Size	Grade	Type	Case units	MOQ
7000068145	50 mm x 2000 mm	A CRS	Low Stretch Belt SC-BL	6	6
7000068146	50 mm x 2000 mm	A MED	Low Stretch Belt SC-BL	6	6
7000067959	75 mm x 1500 mm	A VFN	Low Stretch Belt SC-BL	6	6
7000068149	75 mm x 2000 mm	A CRS	Low Stretch Belt SC-BL	6	6
7100176888	75 mm x 2000 mm	A MED	Low Stretch Belt SC-BL	6	6
7000068151	75 mm x 2000 mm	A VFN	Low Stretch Belt SC-BL	6	6
7100218989	75 mm x 3500 mm	A MED	Low Stretch Belt SC-BL	6	6
7100219069	100 mm x 289 mm	A CRS	Film Backed Belt SC-BF	5	5
7000068172	100 mm x 289 mm	A MED	Film Backed Belt	5	5
7100175851	100 mm x 3000 mm	S SFN	Low Stretch Belt SC-BL	3	3
7000068137	100 mm x 3500 mm	A MED	Low Stretch Belt SC-BL	2	2
7000068138	100 mm x 3500 mm	A VFN	Low Stretch Belt SC-BL	2	2
7100219019	100 mm x 9000 mm	A MED	Film Backed Belt	1	1
7100218944	110 mm x 3000 mm	S SFN	Low Stretch Belt SC-BL	3	3

Continued...

Product Reference – For Abrasive Belts

Scotch-Brite™ Surface Conditioning Belt (Cont.)

Stock ID (code)	Size	Grade	Type	Case units	MOQ
7000068128	120 mm x 2080 mm	A VFN	Low Stretch Belt SC-BL	5	5
7000068139	150 mm x 2000 mm	A CRS	Low Stretch Belt SC-BL	3	3
7100176884	150 mm x 2000 mm	A MED	Low Stretch Belt SC-BL	3	3
7000068142	150 mm x 2500 mm	A MED	Low Stretch Belt SC-BL	3	3
7100176893	300 mm x 2500 mm	A MED	Low Stretch Belt SC-BL	3	3
7100218949	300 mm x 10300 mm	A MED	Film Backed Belt	1	1

Scotch-Brite™ Surface Conditioning Belt SC-BS

Stock ID (code)	Size	Grade	Case units	MOQ
7000068164	6 mm x 610 mm	A MED	25	25
7000068165	13 mm x 305 mm	A MED	25	25
7100219031	13 mm x 457 mm	A CRS	25	25
7000068161	13 mm x 457 mm	A MED	25	25
7100219039	13 mm x 457 mm	A VFN	25	25
7000068023	13 mm x 610 mm	A CRS	25	25
7100218958	13 mm x 610 mm	A MED	25	25
7100219032	13 mm x 610 mm	A VFN	25	25
7000068163	19 mm x 457 mm	A MED	25	25
7000068133	20 mm x 457 mm	A MED	10	10
7000068152	20 mm x 520 mm	A MED	10	10
7100218997	25 mm x 610 mm	A MED	10	10
7000068155	30 mm x 533 mm	A MED	10	10
7000068168	50 mm x 450 mm	A CRS	10	10
7000067795	50 mm x 450 mm	A MED	10	10
7100218998	90 mm x 395 mm	A CRS	10	10
7100218987	90 mm x 395 mm	A MED	10	10
7000068024	90 mm x 395 mm	A MED	10	10
7100218995	100 mm x 3000 mm	A VFN	3	3

Product Reference – For Abrasive Belts

Tools

Stock ID (code)	Product description	Case units	MOQ
7000032216	3M™ Air Powered File Belt Sander,13 mm x 457 mm	1	1
7000045264	3M™ File Belt Sander Platen Pad Material 13mm	10	10
7000045266	3M™ File Belt Sander Platen Pad Material 13mm	10	10

Product Reference – For Random Orbital Sander

3M Xtract™ Cubitron™ II Net disc 710W

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100254713	34 mm	80+	Hookit	No hole	500	500
7100254714	34 mm	120+	Hookit	No hole	500	500
7100254715	34 mm	150+	Hookit	No hole	500	500
7100254754	34 mm	180+	Hookit	No hole	500	500
7100254725	34 mm	220+	Hookit	No hole	500	500
7100254723	34 mm	240+	Hookit	No hole	500	500
7100254724	34 mm	320+	Hookit	No hole	500	500
7100250115	75 mm	80+	Hookit	No hole	300	300
7100250114	75 mm	120+	Hookit	No hole	300	300
7100250120	75 mm	150+	Hookit	No hole	300	300
7100250119	75 mm	180+	Hookit	No hole	300	300
7100250118	75 mm	220+	Hookit	No hole	300	300
7100250117	75 mm	240+	Hookit	No hole	300	300
7100250116	75 mm	320+	Hookit	No hole	300	300
7100251170	125 mm	80+	Hookit	No hole	300	300
7100251171	125 mm	120+	Hookit	No hole	300	300
7100251172	125 mm	150+	Hookit	No hole	300	300
7100251173	125 mm	180+	Hookit	No hole	300	300
7100251950	125 mm	220+	Hookit	No hole	300	300
7100251167	125 mm	240+	Hookit	No hole	300	300
7100251165	125 mm	320+	Hookit	No hole	300	300
7100251206	150 mm	80+	Hookit	No hole	300	300
7100251205	150 mm	120+	Hookit	No hole	300	300
7100251204	150 mm	150+	Hookit	No hole	300	300
7100251177	150 mm	180+	Hookit	No hole	300	300
7100251178	150 mm	220+	Hookit	No hole	300	300
7100251951	150 mm	240+	Hookit	No hole	300	300
7100251168	150 mm	320+	Hookit	No hole	300	300
7100251196	203 mm	80+	Hookit	No hole	300	300
7100251189	203 mm	120+	Hookit	No hole	300	300
7100251190	203 mm	150+	Hookit	No hole	300	300

Continued...

Product Reference – For Random Orbital Sander

3M Xtract™ Cubitron™ II Net disc 710W (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100251191	203 mm	180+	Hookit	No hole	300	300
7100251952	203 mm	220+	Hookit	No hole	300	300
7100251184	203 mm	240+	Hookit	No hole	300	300
7100251185	203 mm	320+	Hookit	No hole	300	300
7100254485	125 mm	2×80+2×120+2×180+2×320+	Hookit	No hole	100	100
7100254484	150 mm	2×80+2×120+2×180+2×320+	Hookit	No hole	100	100

3M Xtract™ Net Disc 310W

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100250481	75 mm	80+	Hookit	No hole	500	500
7100250480	75 mm	120+	Hookit	No hole	500	500
7100250478	75 mm	150+	Hookit	No hole	500	500
7100250479	75 mm	180+	Hookit	No hole	500	500
7100250477	75 mm	220+	Hookit	No hole	500	500
7100250476	75 mm	240+	Hookit	No hole	500	500
7100250475	75 mm	320+	Hookit	No hole	500	500
7100250109	125 mm	80+	Hookit	No hole	500	500
7100251169	125 mm	120+	Hookit	No hole	500	500
7100251162	125 mm	150+	Hookit	No hole	500	500
7100251163	125 mm	180+	Hookit	No hole	500	500
7100251156	125 mm	220+	Hookit	No hole	500	500
7100251153	125 mm	240+	Hookit	No hole	500	500
7100250113	125 mm	320+	Hookit	No hole	500	500
7100251183	150 mm	80+	Hookit	No hole	300	300
7100251166	150 mm	120+	Hookit	No hole	300	300
7100251949	150 mm	150+	Hookit	No hole	300	300
7100251161	150 mm	180+	Hookit	No hole	300	300

Continued...

Product Reference – For Random Orbital Sander

3M Xtract™ Net Disc 310W (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100251179	150 mm	220+	Hookit	No hole	300	300
7100251180	150 mm	240+	Hookit	No hole	300	300
7100251181	150 mm	320+	Hookit	No hole	300	300
7100251187	203 mm	80+	Hookit	No hole	500	500
7100251188	203 mm	120+	Hookit	No hole	500	500
7100249781	203 mm	150+	Hookit	No hole	500	500
7100251200	203 mm	180+	Hookit	No hole	500	500
7100251201	203 mm	220+	Hookit	No hole	500	500
7100251194	203 mm	240+	Hookit	No hole	500	500
7100251195	203 mm	320+	Hookit	No hole	500	500
7100254493	125 mm	Multi-pack 80+/120+/180+/320+	Hookit	No hole	100	100
7100254496	150 mm	Multi-pack 80+/120+/180+/320+	Hookit	No hole	100	100

3M Xtract™ Cubitron™ II Film Disc 775L

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100106678	76 mm	80+	Hookit	Clean sand	250	250
7100106714	76 mm	120+	Hookit	Clean sand	250	250
7100106717	76 mm	150+	Hookit	Clean sand	250	250
7100111238	76 mm	180+	Hookit	Clean sand	250	250
7100106716	76 mm	220+	Hookit	Clean sand	250	250
7100145460	76 mm	240+	Hookit	Clean sand	250	250
7100145433	76 mm	320+	Hookit	Clean sand	250	250
7100145452	76 mm	400+	Hookit	Clean sand	250	250
7100045070	127 mm	80+	Hookit	Clean sand	250	250
7100064175	127 mm	150+	Hookit	Clean sand	250	250
7100064177	127 mm	180+	Hookit	Clean sand	250	250
7100064270	127 mm	220+	Hookit	Clean sand	250	250
7100045071	127 mm	120+	Hookit	Clean sand	250	250

Continued...

Product Reference – For Random Orbital Sander

3M Xtract™ Cubitron™ II Film Disc 775L (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100145362	127 mm	240+	Hookit	Clean sand	250	250
7100145363	127 mm	320+	Hookit	Clean sand	250	250
7100145404	127 mm	400+	Hookit	Clean sand	250	250
7100045072	152 mm	80+	Hookit	Clean sand	250	250
7100045073	152 mm	120+	Hookit	Clean sand	250	250
7100065918	152 mm	150+	Hookit	Clean sand	250	250
7100064178	152 mm	180+	Hookit	Clean sand	250	250
7100064271	152 mm	220+	Hookit	Clean sand	250	250
7100145316	152 mm	240+	Hookit	Clean sand	250	250
7100141692	152 mm	320+	Hookit	Clean sand	250	250
7100145455	152 mm	400+	Hookit	Clean sand	250	250
7100246422	203 mm	80+	Hookit	Clean sand	250	250
7100246524	203 mm	120+	Hookit	Clean sand	250	250
7100248339	203 mm	150+	Hookit	Clean sand	250	250
7100248337	203 mm	180+	Hookit	Clean sand	250	250
7100246533	203 mm	220+	Hookit	Clean sand	250	250
7100246535	203 mm	240+	Hookit	Clean sand	250	250
7100246534	203 mm	320+	Hookit	Clean sand	250	250
7100246525	203 mm	400+	Hookit	Clean sand	250	250

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

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100106742	76 mm	80+	Hookit	No hole	250	250
7100106764	76 mm	120+	Hookit	No hole	250	250
7100106762	76 mm	150+	Hookit	No hole	250	250
7100106768	76 mm	180+	Hookit	No hole	250	250
7100106766	76 mm	220+	Hookit	No hole	250	250
7100145430	76 mm	240+	Hookit	No hole	250	250
7100145431	76 mm	320+	Hookit	No hole	250	250

Continued...

Product Reference – For Random Orbital Sander

3M™ Cubitron™ II Hookit™ Film Disc 775L (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100145477	76 mm	400+	Hookit	No hole	250	250
7100046325	127 mm	80+	Hookit	No hole	250	250
7100046326	127 mm	120+	Hookit	No hole	250	250
7100064174	127 mm	150+	Hookit	No hole	250	250
7100064176	127 mm	180+	Hookit	No hole	250	250
7100064179	127 mm	220+	Hookit	No hole	250	250
7100145403	127 mm	240+	Hookit	No hole	250	250
7100145405	127 mm	320+	Hookit	No hole	250	250
7100145436	127 mm	400+	Hookit	No hole	250	250
7100046327	152 mm	80+	Hookit	No hole	250	250
7100046328	152 mm	120+	Hookit	No hole	250	250
7100064273	152 mm	150+	Hookit	No hole	250	250
7100064272	152 mm	180+	Hookit	No hole	250	250
7100064274	152 mm	220+	Hookit	No hole	250	250
7100145407	152 mm	240+	Hookit	No hole	250	250
7100145462	152 mm	320+	Hookit	No hole	250	250
7100145469	152 mm	400+	Hookit	No hole	250	250
7100249319	203 mm	80+	Hookit	No hole	250	250
7100249473	203 mm	120+	Hookit	No hole	250	250
7100249427	203 mm	150+	Hookit	No hole	250	250
7100249431	203 mm	180+	Hookit	No hole	250	250
7100249320	203 mm	220+	Hookit	No hole	250	250
7100249321	203 mm	240+	Hookit	No hole	250	250
7100249322	203 mm	320+	Hookit	No hole	250	250
7100249443	203 mm	400+	Hookit	No hole	250	250

Product Reference – For Random Orbital Sander

3M™ Cubitron™ II Hookit™ Disc 950U

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100187013	127 mm	180+	Hookit	No hole	250	250
7100187014	127 mm	150+	Hookit	No hole	250	250
7100187015	127 mm	120+	Hookit	No hole	4000	250
7100187016	127 mm	80+	Hookit	No hole	4000	250
7100187017	127 mm	60+	Hookit	No hole	250	250
7100190717	152 mm	180+	Hookit	No hole	250	250
7100190718	152 mm	60+	Hookit	No hole	250	250
7100190719	152 mm	80+	Hookit	No hole	250	250
7100190720	152 mm	150+	Hookit	No hole	250	250
7100190721	152 mm	120+	Hookit	No hole	250	250
7100190726	127 mm	60+	Hookit	5-Hole	250	250
7100190724	127 mm	80+	Hookit	5-Hole	250	250
7100190722	127 mm	120+	Hookit	5-Hole	250	250
7100190725	127 mm	150+	Hookit	5-Hole	250	250
7100190723	127 mm	180+	Hookit	5-Hole	250	250
7100226878	152 mm	60+	Hookit	15-Hole	250	250
7100226892	152 mm	80+	Hookit	15-Hole	250	250
7100226879	152 mm	120+	Hookit	15-Hole	250	250
7100226891	152 mm	150+	Hookit	15-Hole	250	250
7100226890	152 mm	180+	Hookit	15-Hole	250	250
7100226887	152 mm	60+	Hookit	17-Hole	250	250
7100226884	152 mm	80+	Hookit	17-Hole	250	250
7100226886	152 mm	120+	Hookit	17-Hole	250	250
7100226885	152 mm	150+	Hookit	17-Hole	250	250
7100226888	152 mm	180+	Hookit	17-Hole	250	250

Product Reference – For Random Orbital Sander

3M™ Cubitron™ II Hookit™ Cloth Disc 947A

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100113114	76 mm	40+	Hookit	No hole	200	200
7100113109	76 mm	60+	Hookit	No hole	200	200
7100113126	76 mm	80+	Hookit	No hole	200	200
7100113117	76 mm	120+	Hookit	No hole	200	200
7100169959	115 mm	40+	Hookit	No hole	200	200
7100169950	115 mm	60+	Hookit	No hole	200	200
7100169962	115 mm	80+	Hookit	No hole	200	200
7100169949	115 mm	120+	Hookit	No hole	200	200
7100113120	127 mm	40+	Hookit	No hole	200	200
7100113137	127 mm	60+	Hookit	No hole	200	200
7100112980	127 mm	80+	Hookit	No hole	200	200
7100085514	127 mm	120+	Hookit	No hole	200	200
7100113121	152 mm	40+	Hookit	No hole	200	200
7100113142	152 mm	60+	Hookit	No hole	200	200
7100113080	152 mm	80+	Hookit	No hole	200	200
7100113139	152 mm	120+	Hookit	No hole	200	200
7100113118	76 mm	40+	Hookit	3-Hole	200	200
7100113145	76 mm	80+	Hookit	3-Hole	200	200
7100113113	76 mm	120+	Hookit	3-Hole	200	200
7100113110	127 mm	40+	Hookit	5-Hole	200	200
7100113096	127 mm	60+	Hookit	5-Hole	200	200
7100113111	127 mm	80+	Hookit	5-Hole	200	200
7100113075	127 mm	120+	Hookit	5-Hole	200	200
7100113143	152 mm	40+	Hookit	6-Hole	200	200
7100113076	152 mm	60+	Hookit	6-Hole	200	200
7100113107	152 mm	80+	Hookit	6-Hole	200	200
7100113871	152 mm	120+	Hookit	6-Hole	200	200

Product Reference – For Random Orbital Sander

3M™ Hookit™ Paper Disc 255P

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000034177	125 mm	P80	Hookit	N/A	500	500
7000034234	125 mm	P120	Hookit	No hole	500	500
7000034138	127 mm	P150	Hookit	No hole	500	500
7000082667	125 mm	P180	Hookit	No hole	500	500
7000034139	127 mm	P220	Hookit	No hole	500	500
7000034140	125 mm	P240	Hookit	No hole	500	500
7000034161	125 mm	P320	Hookit	No hole	500	500
7000034160	125 mm	P400	Hookit	No hole	500	500
7000082604	152 mm	P80	Hookit	No hole	500	500
7000082603	152 mm	P100	Hookit	No hole	500	500
7100015154	152 mm	P120	Hookit	No hole	500	500
7000082602	152 mm	P150	Hookit	No hole	500	500
7000082601	152 mm	P180	Hookit	No hole	500	500
7000082600	152 mm	P220	Hookit	No hole	500	500
7000082599	152 mm	P240	Hookit	No hole	500	500
7100015135	152 mm	P320	Hookit	No hole	500	500
7000082598	150 mm	P360	Hookit	No hole	500	500
7000082597	152 mm	P400	Hookit	No hole	500	500
7000082596	152 mm	P500	Hookit	No hole	500	500
7000084993	150 mm	P800	Hookit	No hole	500	500
7000085770	150 mm	P400	Hookit	N/A	100	100
7000085769	150 mm	P500	Hookit	N/A	100	100
7000085768	150 mm	P600	Hookit	N/A	100	100
7000043160	77 mm	P400	Hookit	6 Hole	500	500
7000043159	77 mm	P800	Hookit	6 Hole	500	500
7000034159	127 mm	P80	Hookit	5-Hole	500	500
7000034157	125 mm	P120	Hookit	5 Hole	500	500
7000034156	127 mm	P150	Hookit	5-Hole	500	500
7000034155	127 mm	P180	Hookit	5-Hole	500	500
7000034153	127 mm	P320	Hookit	5-Hole	500	500
7000034152	127 mm	P400	Hookit	5-Hole	500	500

Continued...

Product Reference – For Random Orbital Sander

3M™ Hookit™ Paper Disc 255P (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000034151	125 mm	P500	Hookit	Holed	500	500
7000034174	125 mm	P180	Hookit	N/A	500	500
7000034173	125 mm	P240	Hookit	Holed	500	500
7000034099	152 mm	P80	Hookit	6-Hole	500	500
7000034123	152 mm	P100	Hookit	6-Hole	500	500
7000034102	152 mm	P120	Hookit	6-Hole	500	500
7000006851	152 mm	P150	Hookit	6-Hole	500	500
7000034098	152 mm	P180	Hookit	6-Hole	500	500
7000034122	152 mm	P220	Hookit	6-Hole	500	500
7000006850	152 mm	P240	Hookit	6-Hole	500	500
7000034121	152 mm	P280	Hookit	6-Hole	500	500
7000034097	152 mm	P320	Hookit	6-Hole	500	500
7000034120	150 mm	P360	Hookit	6 Hole	500	500
7000034096	152 mm	P400	Hookit	6-Hole	500	500
7000034119	152 mm	P500	Hookit	6-Hole	500	500
7000034182	150 mm	P600	Hookit	6 Hole	500	500
7000034128	152 mm	P80	Hookit	9-Hole	500	500
7000082645	152 mm	P100	Hookit	9-Hole	500	500
7000034129	152 mm	P120	Hookit	9-Hole	500	500
7000034130	152 mm	P150	Hookit	9-Hole	500	500
7000034131	152 mm	P180	Hookit	9-Hole	500	500
7000034132	152 mm	P220	Hookit	9-Hole	500	500
7000034133	152 mm	P240	Hookit	9-Hole	500	500
7000034134	150 mm	P280	Hookit	9 Hole	500	500
7000034135	152 mm	P320	Hookit	9-Hole	500	500
7000034136	152 mm	P400	Hookit	9-Hole	500	500
7000034137	152 mm	P500	Hookit	9-Hole	500	500
7000034344	152 mm	P80	Hookit	15-Hole	500	500
7000084286	150 mm	P100	Hookit	15 Hole	500	500
7000034345	152 mm	P120	Hookit	15-Hole	500	500
7000034346	152 mm	P150	Hookit	15-Hole	500	500

Continued...

Product Reference – For Random Orbital Sander

3M™ Hookit™ Paper Disc 255P (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000034347	152 mm	P180	Hookit	15-Hole	500	500
7000034348	152 mm	P220	Hookit	15-Hole	500	500
7000084287	152 mm	P240	Hookit	15-Hole	500	500
7000034349	150 mm	P280	Hookit	15 Hole	500	500
7000034350	152 mm	P320	Hookit	15-Hole	500	500
7000084288	150 mm	P360	Hookit	15 Hole	500	1000
7000034351	150 mm	P400	Hookit	15 Hole	500	500
7000084289	150 mm	P600	Hookit	15 Hole	500	500
7000034485	152 mm	P800	Hookit	15-Hole	500	500
7000085780	150 mm	P80	Hookit	N/A	100	100
7000085778	150 mm	P120	Hookit	N/A	100	100
7000085776	150 mm	P180	Hookit	N/A	100	100
7000085774	150 mm	P240	Hookit	N/A	100	100
7100017281	150mm	P280	Hookit	N/A	500	500
7000082545	203 mm	P120	Hookit	8-Hole	250	250
7000082543	203 mm	P180	Hookit	8-Hole	250	250
7000034352	150 mm	P500	Hookit	Gold	500	500
7000034154	125 mm	P240	Hookit	N/A	500	500
7000082554	203 mm	P320	Hookit	Gold	250	250
7000082646	150 mm	P360	Hookit	Gold	500	500
7100142541			Hookit	N/A		1000

Scotch-Brite™ Hookit™ Cut and Polish Disc

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000121099	127 mm	A MED	Hookit	No hole	40	40
7100138343	152 mm	A MED	Hookit	No hole	40	40

Product Reference – For Random Orbital Sander

Scotch-Brite™ Hookit™ Production Clean and Finish Disc

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100138328	127 mm	A VFN	Hookit	No hole	40	40
7100046176	127 mm	A VFN	Hookit	No hole	40	1520
7100138329	150 mm	A VFN	Hookit	N/A	40	40

3M™ Finesse-it™ Refining FR-DC Disc 3000

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100042004	127 mm	3000	No hole	No hole	20	80
7100042005	150 mm	3000	No hole	No hole	20	80

Scotch-Brite™ Hookit™ Clean and Finish CF-HA Disc

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100138330	150 mm	S ultra fine	Hookit	No hole	40	40

Scotch-Brite™ Hookit™ 7447 PRO PO-HA Disc

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7010329332	127 mm	A very fine	Hookit	No hole	40	40
7010300879	150 mm	A very fine	Hookit	No hole	40	40

Scotch-Brite™ Hookit™ 7448 PRO PO-HA Disc

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7010310033	150 mm	S ultra fine	Hookit	No hole	40	40
7010365704	127 mm	S ultra fine	Hookit	No hole	40	40

Product Reference – For Random Orbital Sander

3M™ Hookit™ Film Disc 375L

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000045381	12.7 mm	P600	Hookit	No hole	250	250
7000045382	12.7 mm	P800	Hookit	No hole	250	250
7000045400	12.7 mm	N/A	Hookit	No hole	250	250
7000045401	12.7 mm	P1200	Hookit	No hole	250	250
7000045384	15.24 mm	P800	Hookit	No hole	250	250
7000045405	15.24 mm	P1000	Hookit	No hole	250	250
7000045406	15.24 mm	P1200	Hookit	No hole	250	250
7000045407	15.24 mm	P1500	Hookit	No hole	250	250
7010518108	76.2 mm	P800	Hookit	No hole	N/A	1
7010537280	76.2 mm	P1200	Hookit	No hole	N/A	1
7100106749	127 mm	P180	Hookit	No hole	250	50
7100106649	127 mm	P240	Hookit	No hole	250	50
7100106637	127 mm	P400	Hookit	No hole	250	500
7100106631	150 mm	P80	Hookit	No hole	250	250
7100106585	150 mm	P100	Hookit	No hole	250	250
7100106586	150 mm	P120	Hookit	No hole	250	250
7100106620	150 mm	P180	Hookit	No hole	250	250
7100106625	150 mm	P240	Hookit	No hole	250	250
7100106632	150 mm	P320	Hookit	No hole	250	250
7100106630	150 mm	P400	Hookit	No hole	250	250
7000045404	150 mm	P500	Hookit	No hole	250	250
7000045383	150 mm	P600	Hookit	No hole	250	250
7000045421	150 mm	P600	Hookit	15 Hole	250	250
7000045423	150 mm	P800	Hookit	15 Hole	250	250
7000045413	150 mm	P1000	Hookit	15 Hole	250	250
7000045414	150 mm	P1200	Hookit	15 Hole	250	250
7000045415	150 mm	P1500	Hookit	15 Hole	250	250
7100086041	150 mm	P600	Hookit	No hole	500	500
7100086042	150 mm	P800	Hookit	No hole	500	6000
7100106760	150 mm	P60	Hookit	No hole	250	50
7100106750	150 mm	P80	Hookit	No hole	250	250

Continued...

Product Reference – For Random Orbital Sander

3M™ Hookit™ Film Disc 375L (Cont.)

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100106758	150 mm	P100	Hookit	No hole	250	50
7100106757	150 mm	P120	Hookit	No hole	250	50
7100106658	150 mm	P180	Hookit	No hole	250	50
7100106659	150 mm	P220	Hookit	No hole	250	50
7100106638	150 mm	P240	Hookit	No hole	250	250
7100106636	150 mm	P320	Hookit	No hole	250	250

3M Xtract™ Film Disc 360L

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7100140894	76 mm	P400	Hookit	N/A	1000	1000
7100136897	76 mm	P600	Hookit	300M	1000	1000
7100112430	76 mm	P800	Hookit	N/A	1000	1000
7100084760	76 mm	P400	Hookit	300LG	500	500
7100010261	76 mm	P600	Hookit	300LG	500	500
7100010263	76 mm	P1000	Hookit	300LG	500	500
7010029936	127 mm	P240	Hookit	N/A	500	500
7010029938	127 mm	P600	Hookit	500LG	500	500
7010029939	127 mm	P800	Hookit	N/A	500	500
7000045589	127 mm	P240	Hookit	No hole	500	500
7010325748	127 mm	P400	Hookit	No hole	500	500
7100142948	127 mm	P400	Hookit	No hole	500	500
7100077620	152 mm	P220	Hookit	N/A	500	500
7100077621	152 mm	P240	Hookit	600LG	500	500
7010029944	152 mm	P280	Hookit	N/A	500	500
7100077622	152 mm	P320	Hookit	600LG	500	500
7100077623	152 mm	P400	Hookit	N/A	500	500
7100077624	152 mm	P500	Hookit	N/A	500	500
7100077625	152 mm	P600	Hookit	N/A	500	500
7100077626	152 mm	P800	Hookit	N/A	500	500
7100077975	152 mm	P1000	Hookit	N/A	500	500

Product Reference – For Random Orbital Sander

3M Xtract™ Paper Disc 236U

Stock ID (code)	Diameter	Grade	Fixing system	Hole config.	Case units	MOQ
7000119599	76 mm	P80	Hookit	300LG	250	250
7000119602	76 mm	P150	Hookit	300LG	250	250
7000119605	76 mm	P240	Hookit	300LG	250	250
7000119606	76 mm	P320	Hookit	300LG	250	250
7000119607	76 mm	P400	Hookit	300LG	250	250
7000119608	76 mm	P500	Hookit	300LG	250	250
7010029932	127 mm	P240	Hookit	N/A	250	250
7010029933	127 mm	P320	Hookit	N/A	250	250
7010029934	127 mm	P400	Hookit	N/A	250	250
7010029935	127 mm	P500	Hookit	500LG	250	250
7100078152	152 mm	P80	Hookit	P80	250	250
7100078154	152 mm	P120	Hookit	No hole	250	250
7100078156	152 mm	P180	Hookit	No hole	250	250
7100078153	152 mm	P100	Hookit	600LG	250	250
7100078155	152 mm	P150	Hookit	N/A	250	250
7100078157	152 mm	P220	Hookit	600LG	250	250
7100078158	152 mm	P240	Hookit	N/A	250	250
7100078159	152 mm	P320	Hookit	N/A	250	250
7100078180	152 mm	P400	Hookit	600LG	250	250
7100078181	152 mm	P500	Hookit	600LG	250	250

3M™ Hookit™ Clean sanding Low profile Disc Pad

Stock ID (code)	Diameter	Fixing system	Hole config.	Case units	MOQ
7000028147	76 mm	Hookit	Low profile	10	10
7100037832	127 mm	Hookit	Low profile 44 hole	10	10
7100027464	152 mm	Hookit	Low profile 52 hole	10	1

Product Reference – For Random Orbital Sander

3M™ Hookit™ D/F Disc Pad

Stock ID (code)	Diameter	Fixing system	Product description	Case units	MOQ
7100028484	125 mm	Hookit	Low profile finishing, 125 mm x 17 mm, 6/16-24 ExterN/Al	10	1
7100032506	125mm	Hookit	5 in x3/4 in5/16-24 ExterN/Al5 Holes	10	10

3M™ Self-generated Vacuum Random Orbital Sander

Stock ID (code)	Diameter	Orbit	Vacuum	Case units	MOQ	Comment
7000060301	70 mm x198 mm	3 mm orbit	Self-generated	1	1	
7000032234	125 mm	2.5 mm orbit	Self-generated	1	1	Phase out
7000032233	127 mm	5 mm orbit	Self-generated	1	1	Phase out
7000032236	152 mm	2.5 mm orbit	Self-generated	1	1	Phase out
7000032232	152 mm	8 mm orbit	Self-generated	1	1	Phase out

3M Xtract™ Pneumatic Random Orbital Sander

Stock ID (code)	Diameter	Orbit	Vacuum	Case units	MOQ	Comment
7100258112	125 mm	2.5 mm orbit	Self-generated	1	1	Coming soon
7100258783	125 mm	5 mm orbit	Self-generated	1	1	Coming soon
7100258708	150 mm	2.5 mm orbit	Self-generated	1	1	Coming soon
7100258798	150 mm	5 mm orbit	Self-generated	1	1	Coming soon
7100259323	150 mm	8 mm orbit	Self-generated	1	1	Coming soon

Product Reference – For Random Orbital Sander

3M™ Central Vacuum Random Orbital Sander Elite Series

Stock ID (code)	Diameter	Orbit	Vacuum	Case units	MOQ	Comment
7000060297	70 mm x198 mm	3.2 mm orbit	Central vacuum	1	1	
7000032227	76 mm	2.5 mm orbit	Central vacuum	1	1	
7000060295	76 mm	5 mm orbit	Central vacuum	1	1	
7000032229	127 mm	2.5 mm orbit	Central vacuum	1	1	Phase out
7000032228	127 mm	5 mm orbit	Central vacuum	1	1	Phase out
7000032226	152 mm	8 mm orbit	Central vacuum	1	1	Phase out
7100258884	127 mm	2.5 mm orbit	Central vacuum	1	1	Coming soon
7100258886	127 mm	5 mm orbit	Central vacuum	1	1	Coming soon
7100259232	152 mm	2.5 mm orbit	Central vacuum	1	1	Coming soon
7100258801	152 mm	5 mm orbit	Central vacuum	1	1	Coming soon
7100258707	152 mm	8 mm orbit	Central vacuum	1	1	Coming soon

3M Xtract™ Electric Random Orbital Sander (240V)

Stock ID (code)	Diameter	Orbit	Vacuum	Plug type	Case units	MOQ	Comment
7100263555	125 mm	5 mm orbit	Central vacuum	Plug type E	1	1	Coming soon EU version
7100263558	150 mm	5 mm orbit	Central vacuum	Plug type E	1	1	Coming soon EU version
7100263559	125 mm	2.5 mm orbit	Central vacuum	Plug type E	1	1	Coming soon EU version
7100263549	150 mm	2.5 mm orbit	Central vacuum	Plug type E	1	1	Coming soon EU version
7100263525	125 mm	5 mm orbit	Central vacuum	Plug type G	1	1	Coming soon UK version
7100263554	150 mm	5 mm orbit	Central vacuum	Plug type G	1	1	Coming soon UK version
7100263528	125 mm	2.5 mm orbit	Central vacuum	Plug type G	1	1	Coming soon UK version
7100263530	150 mm	2.5 mm orbit	Central vacuum	Plug type G	1	1	Coming soon UK version

3M Xtract™ Portable Dust Extractor

Stock ID (code)	Type	Plug type	Case units	MOQ	Comment
7100259732	240V	Plug type E	1	1	Coming soon EU version
7100260424	110V	Plug type EN 60309	1	1	Coming soon UK version

Product Reference – Roloc™ Products

3M™ Cubitron™ II Roloc™ Fibre Disc 982C

Stock ID (code)	Diameter	Grade	Case units	MOQ
7000118429	50 mm	36+	200	200
7000118431	50 mm	60+	200	200
7000118432	50 mm	80+	200	200
7000044902	76 mm	60+	200	200
7000044904	76 mm	80+	200	200
7100126838	76 mm	36+	200	200
7000118430	76mm	36+	200	200
7100006575	100 mm	36+	100	100
7100084495	100 mm	36+	100	100

3M™ Cubitron™ II Roloc™ Cloth Disc 984F

Stock ID (code)	Diameter	Grade	Case units	MOQ
7000045233	25 mm	60+	200	200
7000144102	26 mm	80+	200	200
7000045166	38 mm	36+	200	200
7000045171	38 mm	60+	200	200
7000045175	38 mm	80+	200	200
7000045168	38 mm	36+	200	200
7000045177	38 mm	80+	200	200
7100001474	50 mm	36+	200	200
7100001475	50 mm	60+	200	200
7010361116	50 mm	60+	200	200
7100001473	50 mm	80+	200	200
7000045173	50 mm	60+	200	200
7000045178	50 mm	80+	200	200
7000045167	76 mm	36+	200	200
7000045172	76 mm	60+	200	200
7000045176	76 mm	80+	200	200

Product Reference – Roloc™ Products

Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc PN-DR

Stock ID (code)	Diameter	Grade	Case units	MOQ
7100270872	101.6 mm	Extra Coarse	100	100
7100264203	101.6 mm	Coarse	100	100
7100264142	101.6 mm	Medium	100	100
7100264204	101.6 mm	Fine	100	100
7100264199	101.6 mm	Very Fine	100	100
7100264150	25.4 mm	Extra Coarse	200	200
7100271028	25.4 mm	Coarse	200	200
7100264161	25.4 mm	Medium	200	200
7100264159	25.4 mm	Fine	200	200
7100264156	25.4 mm	Very Fine	200	200
7100264165	38.1 mm	Extra Coarse	100	100
7100264170	38.1 mm	Extra Coarse	200	200
7100264164	38.1 mm	Coarse	100	100
7100264169	38.1 mm	Coarse	200	200
7100264163	38.1 mm	Medium	100	100
7100264168	38.1 mm	Medium	200	200
7100264152	38.1 mm	Fine	100	100
7100264167	38.1 mm	Fine	200	200
7100264151	38.1 mm	Very Fine	100	100
7100264166	38.1 mm	Very Fine	200	200
7100264091	50.8 mm	Extra Coarse	200	200
7100264172	50.8 mm	Extra Coarse	100	100
7100264193	50.8 mm	Extra Coarse	Bulk	Bulk
7100264090	50.8 mm	Coarse	200	200
7100264092	50.8 mm	Coarse	Bulk	Bulk
7100272236	50.8 mm	Coarse	100	100
7100264089	50.8 mm	Medium	200	200
7100264141	50.8 mm	Medium	Bulk	Bulk
7100272016	50.8 mm	Medium	100	100
7100264139	50.8 mm	Fine	Bulk	Bulk
7100264171	50.8 mm	Fine	100	100

Continued...

Product Reference – Roloc™ Products

Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc PN-DR (Cont.)

Stock ID (code)	Diameter	Grade	Case units	MOQ
7100264174	50.8 mm	Fine	200	200
7100264138	50.8 mm	Very Fine	Bulk	Bulk
7100264173	50.8 mm	Very Fine	200	200
7100272237	50.8 mm	Very Fine	100	100
7100264198	76.2 mm	Extra Coarse	100	100
7100264438	76.2 mm	Extra Coarse	Bulk	Bulk
7100264427	76.2 mm	Coarse	Bulk	Bulk
7100264197	76.2 mm	Coarse	100	100
7100264196	76.2 mm	Medium	100	100
7100264428	76.2 mm	Medium	Bulk	Bulk
7100264195	76.2 mm	Fine	100	100
7100271030	76.2 mm	Fine	Bulk	Bulk
7100264194	76.2 mm	Very Fine	100	100
7100264429	76.2 mm	Very Fine	Bulk	Bulk

Scotch-Brite™ Roloc™ Surface Conditioning Disc SC-DR

Stock ID (code)	Diameter	Grade	Case units	MOQ
7000000704	25 mm	A Coarse	200	200
7000021280	25 mm	A Medium	200	200
7000021279	25 mm	A Very Fine	200	200
7000000752	50 mm	A Coarse	200	200
7000000751	50 mm	A Medium	200	200
7000000750	50 mm	A Very Fine	200	200
7000000753	50 mm	S Super Fine	200	200
7000000756	76 mm	A Coarse	100	100
7000000755	76 mm	A Medium	100	100
7000000754	76 mm	A Very Fine	100	100
7000028501	76 mm	S Super Fine	100	100

Product Reference – Roloc™ Products

Scotch-Brite™ Roloc™ Light Grinding and Blending Disc GB-DR

Stock ID (code)	Diameter	Grade	Case units	MOQ
7100019197	25 mm	A Coarse Super Duty	200	200
7000046250	50 mm	A Coarse Heavy Duty	200	200
7000046251	50 mm	A Coarse Super Duty	200	200
7100007318	76 mm	A Coarse Heavy Duty	100	100
7100009310	76 mm	A Coarse Super Duty	100	100

Scotch-Brite™ Roloc™ Clean and Strip XT Pro Disc

Stock ID (code)	Diameter	Grade	Case units	MOQ
7100175521	50 mm	S XCRS	60	10
7100173795	76 mm	S XCRS	40	10

Scotch-Brite™ Roloc™ Bristle Disc RD-ZB

Stock ID (code)	Diameter	Grade	Case units	MOQ
7000000740	25.4 mm x 15.8 mm	P50	80	80
7000000741	25.4 mm x 15.8 mm	P120	80	80
7100138285	50 mm x 15.8 mm	P50	40	40
7100138284	50 mm x 15.8 mm	P80	40	160
7100138319	50 mm x 15.8 mm	P80	80	80
7100138286	50 mm x 15.8 mm	P120	40	40
7100138305	76 mm x 15.8mm	P50	40	840
7100138307	76 mm x 15.8mm	P80	40	840
7100138306	76 mm x 15.8mm	P120	40	880

Product Reference – Roloc™ Products

3M™ Roloc™ Fibre Disc 787C

Stock ID (code)	Diameter	Grade	Case units	MOQ
7100100974	50 mm	36+	200	200
7100100982	50 mm	60+	200	200
7100100962	50 mm	80+	200	200
7100100964	50 mm	120+	200	200
7100100981	75 mm	36+	200	200
7100100979	75 mm	60+	200	200
7100100966	75 mm	120+	200	200
7100100976	50 mm	36+	200	200
7100100989	50 mm	60+	200	200
7100100999	50 mm	80+	200	200
7100100942	76 mm	36+	200	200
7100100885	76 mm	60+	200	200
7100100961	76 mm	80+	200	200
7100100986	76 mm	80+	200	200

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