



**THE FINISH IS JUST THE BEGINNING.**

**SCOTCH-BRITE™ NON-WOVEN ABRASIVES  
PRODUCT GUIDE**



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# HELP IMPROVE SURFACES WITH EASE.



## LASTS LONG, FINISHES STRONG.

Thick non-woven fibre and integrated abrasive grains keep Scotch-Brite™ Brand products performing like new throughout the life of the product.



## REPEATABLE RESULTS.

Whether you're cleaning, deburring or finishing, operators can easily achieve consistent, repeatable results with Scotch-Brite™ Abrasives.



## UNCOMPROMISING QUALITY.

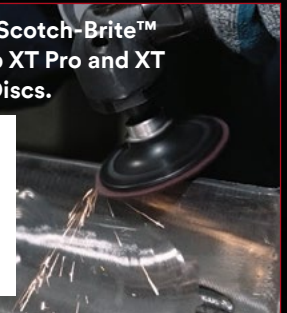
To get the best finish, you need the best abrasives. Scotch-Brite™ Abrasives are continually improved to help deliver uncompromising quality.

Decade after decade. Part after part. There's one family of abrasives that's trusted to deliver repeatable results and fine finishes, and that's Scotch-Brite™ Brand. With roots in the past and an eye on the future, Scotch-Brite™ Non-woven Abrasives are dedicated to uncompromising quality — just like you.

### CHECK OUT THE AMAZING TECHNOLOGY BEHIND SCOTCH-BRITE™ ABRASIVES.



### Check out our Scotch-Brite™ Clean and Strip XT Pro and XT Pro Extra Cut Discs.



Look for QR Codes like these throughout this catalogue!



## TIP

QR CODES THROUGHOUT THIS CATALOGUE GIVE YOU INSTANT ACCESS TO ADDITIONAL INFORMATION AND VIDEOS. CLICK OR TAP THEM IN THE PDF OR SCAN WITH THE CAMERA ON YOUR SMART PHONE — NO SPECIAL APP REQUIRED!

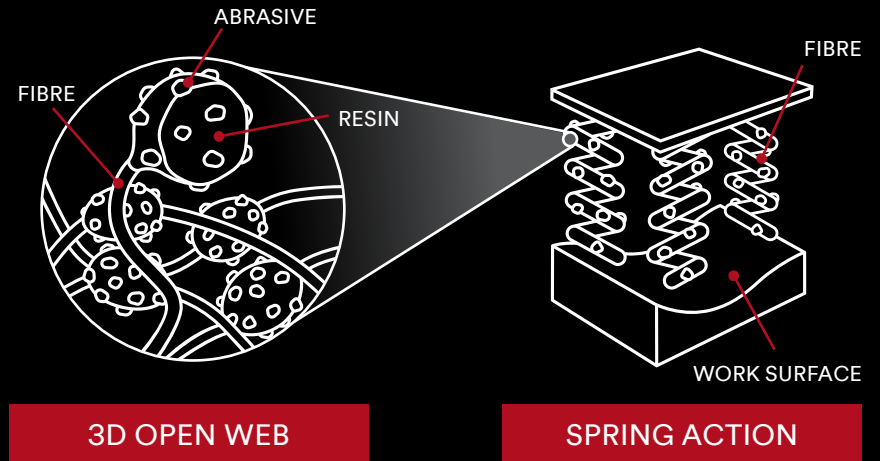


# THE SCIENCE BEHIND HIGH-QUALITY FINISHES.

## SCOTCH-BRITE™ Non-woven WEB TECHNOLOGY

The non-woven web technology from Scotch-Brite™ Brand is made with nylon that has been soaked in resin and abrasive mineral. The fibres and particles are bound together to form an open, three-dimensional structure. This construction provides spring-like action, which helps the product conform and bounce back while leaving an even finish.

Whether hand pads, discs, wheels or belts, the material is consistent all the way through. This means new abrasive mineral is exposed while you work, helping to extend the life of your abrasive product so that you can keep producing consistent finishes.

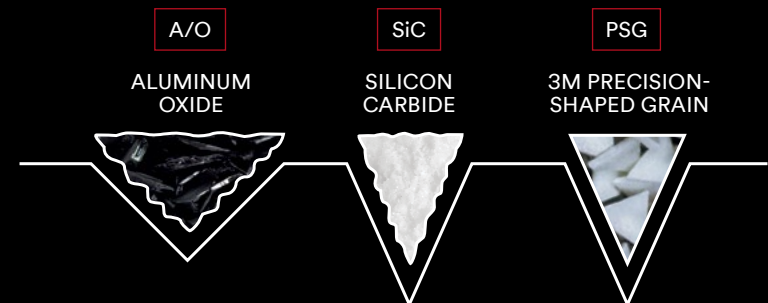


### WHAT'S THE DIFFERENCE BETWEEN THESE ABRASIVE MATERIALS?

**Silicon Carbide** is a synthetic mineral that is very sharp with a narrow shape, which wears down faster and is commonly used for low-pressure applications.

**Aluminum Oxide** is exceedingly durable, providing long life as the mineral breaks down at a slower rate — commonly used for a wide range of applications.

**3M Precision-Shaped Grain** is a triangular-shaped ceramic grain that is designed with sharp, angular structures that continuously fracture to form new sharp cutting edges.



# APPLICATIONS

Scotch-Brite™ Non-woven Abrasives are designed with conformable, high-strength fibres that help deliver quick and consistent performance. Each product brings a safe, reliable solution to the job. **Which one is right for you?**

SCOTCH-BRITE™ BRAND IS HERE FOR YOU EVERY STEP OF THE WAY.

## 1 CLEANING/SURFACE PREP

To achieve an attractive finished product, surface preparation is a crucial step in the metalworking process. Scotch-Brite™ Brand products are designed to make quick work of paint removal, rust removal, scratch refinement and other surface preparation tasks.

Explore the products that will work for your application: [Pages 4–5](#) ▶

## 2 DEBURRING

Deburring is the process of smoothing out the imperfections of rough/sharp edges. Producing metal burrs and edges on every stamped and lasered metal part, deburring is a key step. Scotch-Brite™ Brand solutions offer a wide selection of deburring abrasives for metalworking projects of any size or shape.

Explore the products that will work for your application: [Page 6](#) ▶

## 3 BLENDING

Blending is the process of making different surface finishes appear more uniform. Scotch-Brite™ Brand non-woven products will leave a smooth, burr-free surface.

Explore the products that will work for your application: [Page 7](#) ▶

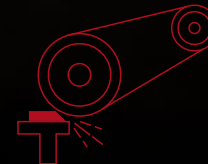
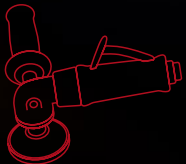
## 4 FINISHING/POLISHING PREP

Finishing is the process of improving the finish of a component, which may differ from the original finish. Further finishing may be needed so the finishes are more similar. Scotch-Brite™ Brand products deliver consistent, repeatable finishes in many industries.

Explore the products that will work for your application: [Page 8](#) ▶

# TOOLS

MATCH WITH THE RIGHT TOOLS AND ACCESSORIES TO ENSURE YOU GET THE HIGHEST PERFORMANCE OUT OF YOUR SCOTCH-BRITE™ NON-WOVEN ABRASIVES.

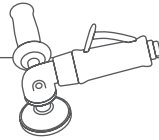
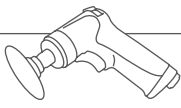
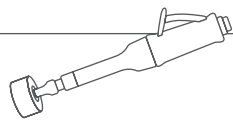
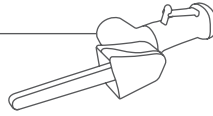





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# CLEANING/SURFACE PREP

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

 <p><b>Disc Sander</b> Right Angle System</p>	 <p><b>Disc Sander</b> 3M™ Roloc™ System</p>	 <p><b>Die Grinder</b></p>	 <p><b>File Belt</b></p>	 <p><b>Hand Sanding</b></p>
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## WELD CLEANING/DISCOLOURATION



 <p><b>Scotch-Brite™ Clean and Strip XT Pro Extra Cut Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Extra Cut Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Extra Cut Discs</b></p>	 <p><b>Scotch-Brite™ Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ Heavy Duty Hand Pad 7440</b></p>
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## PAINT/RUST/SCALE REMOVAL

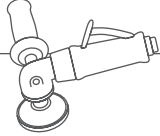

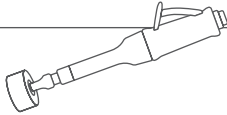
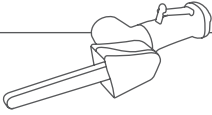
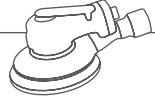



 <p><b>Scotch-Brite™ Clean and Strip XT Pro Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Discs</b></p>	 <p><b>Scotch-Brite™ Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ Heavy Duty Hand Pad 7440</b></p>
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# CLEANING/SURFACE PREP

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

					
<b>Disc Sander</b> Right Angle System	<b>Disc Sander</b> 3M™ Roloc™ System	<b>Die Grinder</b>	<b>File Belt</b>	<b>Random</b> <b>Orbital Sanding</b>	<b>Hand Sanding</b>

## PAINT/BONDING/SCUFFING PREP (CLEANING SURFACE/REMOVING)

						
	<b>Scotch-Brite™ Surface Conditioning Discs SC</b>	<b>Scotch-Brite™ Roloc™ Surface Conditioning Discs SC</b>	<b>Scotch-Brite™ Radial Bristle Discs</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>	<b>Scotch-Brite™ Disc 7447 Pro</b>	<b>Scotch-Brite™ Hand Pad 7447 Pro</b>

## SEALANT/ADHESIVE REMOVAL

						
	<b>Scotch-Brite™ Clean and Strip XT Pro Disc</b>	<b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Discs</b>	<b>Scotch-Brite™ Radial Bristle Discs</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>		<b>Scotch-Brite™ Hand Pad 7447</b>

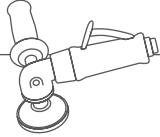
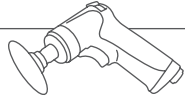
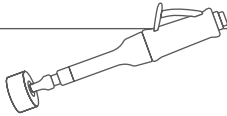
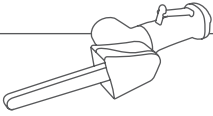
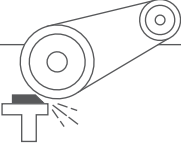
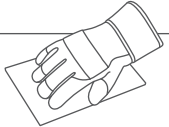
## WELD PREP

						
	<b>Scotch-Brite™ Clean and Strip XT Pro Disc</b>	<b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Discs</b>	<b>Scotch-Brite™ Roloc™ Clean and Strip XT Pro Discs</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>		<b>Scotch-Brite™ Hand Pad 7447</b>



# DEBURRING

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

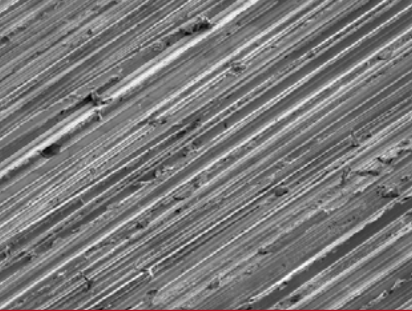
					
<b>Disc Sander</b> Right Angle System	<b>Disc Sander</b> 3M™ Roloc™ System	<b>Die Grinder</b>	<b>File Belt</b>	<b>Belts</b>	<b>Hand Sanding</b>

## MACHINE EDGE RADIUS/EDGE BREAKING



					
<b>Scotch-Brite™ SE Surface Conditioning Discs</b>	<b>Scotch-Brite™ Roloc™ Deburr and Finish Pro Unitized Wheels 6C MED+</b>	<b>Scotch-Brite™ Deburr and Finish Pro Unitized Wheels 6C MED+</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>	<b>Scotch-Brite™ SC Surface Conditioning Belts</b>	<b>Scotch-Brite™ Heavy Duty Hand Pad 7440</b>



## MICRO BURR



					
<b>Scotch-Brite™ SC Surface Conditioning Discs</b>	<b>Scotch-Brite™ Roloc™ SC Surface Conditioning Disc</b>	<b>Scotch-Brite™ Deburr and Finish Pro Unitized Wheels 2S FIN</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>	<b>Scotch-Brite™ SC Surface Conditioning Belts</b>	<b>Scotch-Brite™ Hand Pad 7447 Pro</b>

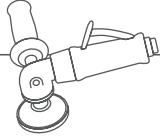
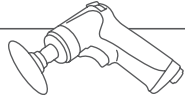
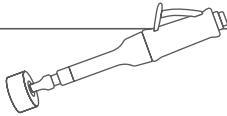
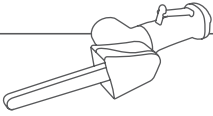
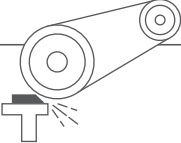

## PIPE THREAD/GEAR DEBURRING/BURR REMOVAL



					
<b>Scotch-Brite™ Deburr and Finish Pro Unitized Wheels 8C CRS+</b>	<b>Scotch-Brite™ Roloc™ Deburr and Finish Pro Unitized Wheels 8C CRS+</b>	<b>Scotch-Brite™ Deburr and Finish Pro Unitized Wheels 6C MED+</b>	<b>Scotch-Brite™ Surface Conditioning Belts</b>		<b>Scotch-Brite™ Heavy Duty Hand Pad 7440</b>

# BLENDING

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

					
<b>Disc Sander</b> Right Angle System	<b>Disc Sander</b> 3M™ Roloc™ System	<b>Die Grinder</b>	<b>File Belt</b>	<b>Belts</b>	<b>Hand Sanding</b>

## WELD BLENDING



					
<b>Scotch-Brite™</b> Light Grinding and Blending Discs	<b>Scotch-Brite™ Roloc™</b> Deburr and Finish Pro Unitized Wheels 8C CRS+	<b>Scotch-Brite™</b> Deburr and Finish Pro Unitized Wheels 8C CRS+	<b>Scotch-Brite™</b> Surface Conditioning Belts	<b>Scotch-Brite™</b> SC Surface Conditioning Belts	

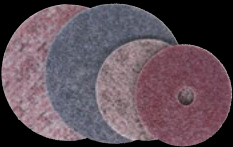

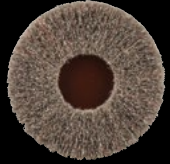


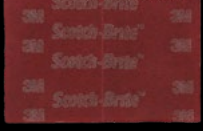
## SCRATCH REFINEMENT/PAINT PREPARATION



					
<b>Scotch-Brite™</b> SC Surface Conditioning Discs	<b>Scotch-Brite™</b> Roloc™ SC Surface Conditioning Discs	<b>Scotch-Brite™</b> Deburr and Finish Pro Unitized Wheels 8C CRS+	<b>Scotch-Brite™</b> Surface Conditioning Belts	<b>Scotch-Brite™</b> SC Surface Conditioning Belts	<b>Scotch-Brite™</b> Hand Pad 7447 Pro

## PARTING LINE REMOVAL

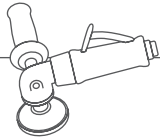
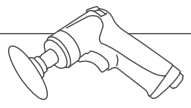
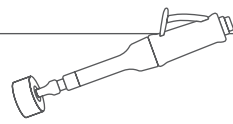
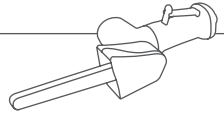
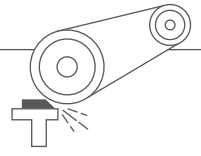



					
<b>Scotch-Brite™</b> Light Grinding and Blending Discs	<b>Scotch-Brite™ Roloc™</b> Deburr and Finish Pro Unitized Wheels 8C CRS+	<b>Scotch-Brite™</b> Cut and Polish Flap Brushes CPF-B-S and CPF-B-R+	<b>Scotch-Brite™</b> Surface Conditioning Belts	<b>Scotch-Brite™</b> SC Surface Conditioning Belts	<b>Scotch-Brite™</b> Hand Pad 7447 Pro









# FINISHING/POLISH PREP

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

 <p><b>Disc Sander</b> Right Angle System</p>	 <p><b>Disc Sander</b> 3M™ Roloc™ System</p>	 <p><b>Die Grinder</b></p>	 <p><b>File Belt</b></p>	 <p><b>Belts</b></p>	 <p><b>Hand Sanding</b></p>
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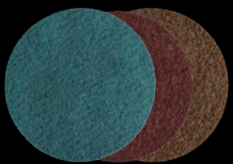



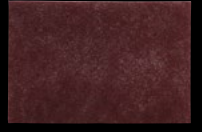
## SETTING THE GRAIN



		 <p><b>Scotch-Brite™ Metal Finishing Wheels</b> A MED Also works for radial finishing sander and bench motor.</p>	 <p><b>Scotch-Brite™ Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ SC Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ Hand Pad 7447</b></p>
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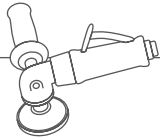
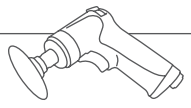
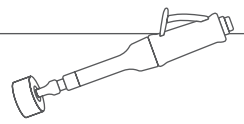
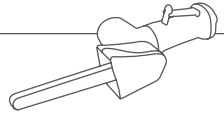
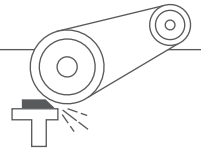

## SURFACE REFINEMENT



 <p><b>Scotch-Brite™ SC Surface Conditioning Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ SC Surface Conditioning Discs</b></p>	 <p><b>Scotch-Brite™ EXL Pro Convolute Wheels</b></p>	 <p><b>Scotch-Brite™ Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ SC Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ Hand Pad 7447</b></p>
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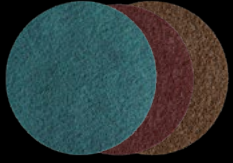




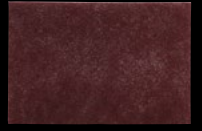
# FINISHING/POLISH PREP

Match the application to the tool you will be using to find the recommended Scotch-Brite™ Non-woven Abrasives.

 <p><b>Disc Sander</b> Right Angle System</p>	 <p><b>Disc Sander</b> 3M™ Roloc™ System</p>	 <p><b>Die Grinder</b></p>	 <p><b>File Belt</b></p>	 <p><b>Belts</b></p>	 <p><b>Hand Sanding</b></p>
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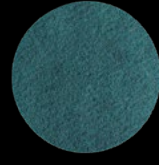



## AESTHETIC/FLAT PART FINISHING



 <p><b>Scotch-Brite™ SC Surface Conditioning Discs</b></p>	 <p><b>Scotch-Brite™ Roloc™ SC Surface Conditioning Discs</b></p>	 <p><b>Scotch-Brite™ Multi-Finishing Wheels</b></p> <p>Also works for radial finishing sander and bench motor.</p>	 <p><b>Scotch-Brite™ Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ SC Surface Conditioning Belts</b></p>	 <p><b>Scotch-Brite™ Hand Pad 7447</b></p>
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## BUFFING/POLISHING



 <p><b>Scotch-Brite™ SC Surface Conditioning Disc</b> A VFN</p>	 <p><b>Scotch-Brite™ Roloc™ Deburr and Finish Pro Unitized Wheel</b> 2S FIN</p>	 <p><b>Scotch-Brite™ Deburr and Finish Pro Unitized Wheel</b> 2S FIN</p>	 <p><b>Scotch-Brite™ SC Surface Conditioning File Belt</b> A VFN</p>	 <p><b>Scotch-Brite™ SC Surface Conditioning Belt</b> A VFN</p>	 <p><b>Scotch-Brite™ Hand Pad 7448</b></p>
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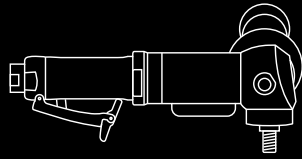


# SYSTEM CONFIGURATIONS

Tool + Accessories + Scotch-Brite™ Non-woven Abrasive = Optimized System

## 3M™ DISC SANDER | RIGHT ANGLE SYSTEM

### Threaded 5/8-11

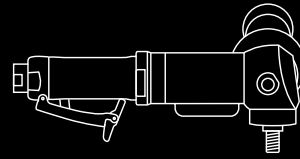


Scotch-Brite™ Non-woven Abrasive Disc with 5/8-11 threaded attachment



### TN Quick Change

#### 1-piece 4-1/2 inch Attachment System



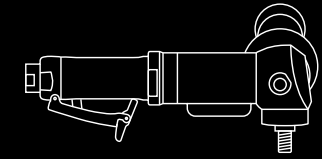
TN Quick Change Disc Backup Pad



Scotch-Brite™ Non-woven Abrasive Disc TN Quick change attachment



#### 2-piece Attachment System



3M™ Disc Pad Hub



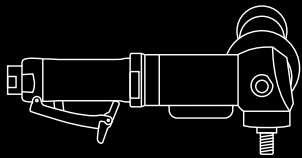
3M™ Disc Pad Face Plate



Scotch-Brite™ Non-woven Abrasive Disc TN Quick change attachment



### Hook and Loop



3M™ Hook and Loop Disc Pad Holder

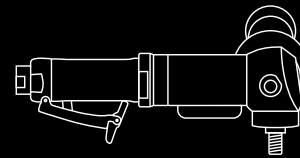


Scotch-Brite™ Non-woven Abrasive Disc with Hook and Loop



### 7/8 Centre Hole

#### 1-piece Attachment System



Flap Disc/Grinding Wheel Adapter Nut 5/8-11 Thread



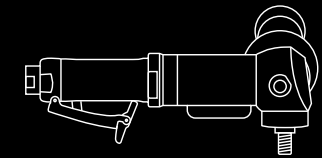
Scotch-Brite™ Non-woven Abrasive Disc Type 27 (7/8 inch Centre Hole)



Flap Disc/Grinding Wheel Adapter Nut 5/8-11 Thread



#### 3-piece Attachment System



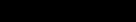
3M™ Disc Pad Hub



3M™ Disc Pad Face Plate



Scotch-Brite™ Non-woven Abrasive Disc with 7/8 inch Centre Hole



3M™ Disc Retainer Nut

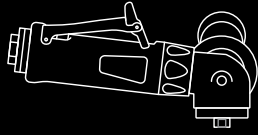



# SYSTEM CONFIGURATIONS


Tool + Accessories + Scotch-Brite™ Non-woven Abrasive = Optimized System

## 3M™ DISC SANDER

### 3M™ Roloc™ System



Sander Adapter 


3M™ Roloc™ Disc Pad 


Scotch-Brite™ Roloc™ Non-woven Abrasive Disc 

## 3M™ DIE GRINDER

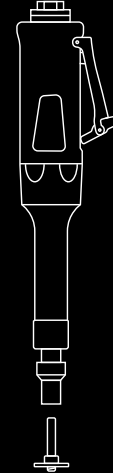
### 3M™ Roloc™+ System





3M™ Roloc™+ Holder 

Scotch-Brite™ Roloc™+ Non-woven Abrasive Disc Wheel or Brush 

### Collet Attachment System

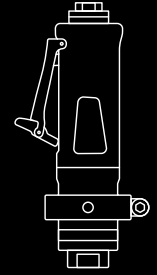



Mandrel 

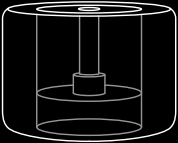
Scotch-Brite™ Non-woven Abrasive Disc Wheel 


Mandrel Cap 

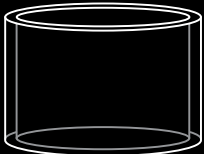
## 3M™ INLINE SANDER



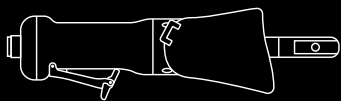
Adapter Kit 


Rubber Slotted Expander Wheel 

Adapter Kit Cap 

Scotch-Brite™ Non-woven Abrasive Belt 

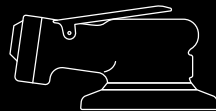
## 3M™ FILE BELT SANDER



Attachment Arm 

Scotch-Brite™ File Belt 

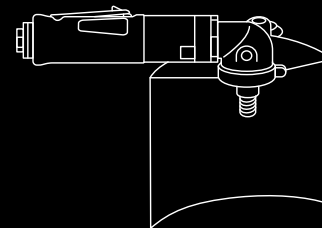
## 3M™ RANDOM ORBITAL SANDER

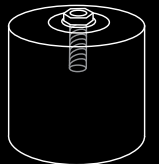


3M™ Hookit™ Low Profile Disc Pad 

Scotch-Brite™ Hookit™ Disc 

## 3M™ MATCH AND FINISH SANDER



Scotch-Brite™ Non-woven Abrasive Flap Brush 



# SAFE OPERATING

## STAY SMART. STAY SAFE. STAY WITH SCOTCH-BRITE™

Always check to make sure the tool or machine does not run faster than the maximum operating speed (MAX RPM) of the consumable (disc, wheel, belt) or when applicable, the backup pad accessory.

Certain Scotch-Brite™ Non-woven Abrasives do not have a speed rating. Therefore, the MAX RPM of the backup pad should be used. Always use proper backup pads with discs. Select a back up pad that is compatible with and the same size as the disc being used.

**Exceeding the product's MAX RPM can cause it to break apart and cause serious injury.**

### EXAMPLE



3M™ Roloc™ Disc Pad  
MAX RPM: 20,000\*



Scotch-Brite™ Roloc™  
Non-woven Abrasive Disc  
MAX RPM: 18,000

**DO NOT EXCEED 18,000 RPM**

\*MAX RPM may vary depending on hardness of backup pad used.

**SAFETY ICONS ARE LOCATED ON THE ABRASIVE, LABEL OR PACKAGE AND MAY VARY BY PRODUCT.**



**NEVER EXCEED THE MAX RPM SPEED** of the abrasive (disc, wheel, belt) or when applicable, the backup pad accessory.



**PROTECT HANDS**  
Always wear safety gloves.



**PROTECT LUNGS**



**PROTECT EARS**  
Protect your hearing.



**PROTECT EYES**  
Wear safety goggles.



**READ INSERT** before mounting or using product.



**PROTECT BODY AND SKIN**

## SAFETY ICONS

PREP		Read SDS before mounting or using product.
		Always wear a face shield that meets ANSI Z87+ or is CSA Z94.3 certified. Safety eyewear should always be worn with a face shield. Do not wear a face shield alone.
PROTECTION		Protect your eyes, ears and lungs. Always wear ANSI Z87+ approved face shields, safety goggles, EPA labeled hearing protection and NIOSH approved respirators.
		Protect your hands. Always wear safety gloves.
		Body and Skin Protection
SAFE OPERATING		Check MAX RPM
		Inspect wheel for cracks or defects.
		Abrasive product only for use with additional appropriate backup pad.
		Do not use a damaged abrasive wheel.
		Vibrating/wobbling wheel hazard.

## TECH TIP

## WHERE TO FIND THE MAX RPM

**3M™ ROLOC™ DISCS**  
MAX RPM is located on the label or box.

**BELTS**  
MAX RPM IS 6,500 SFPM.

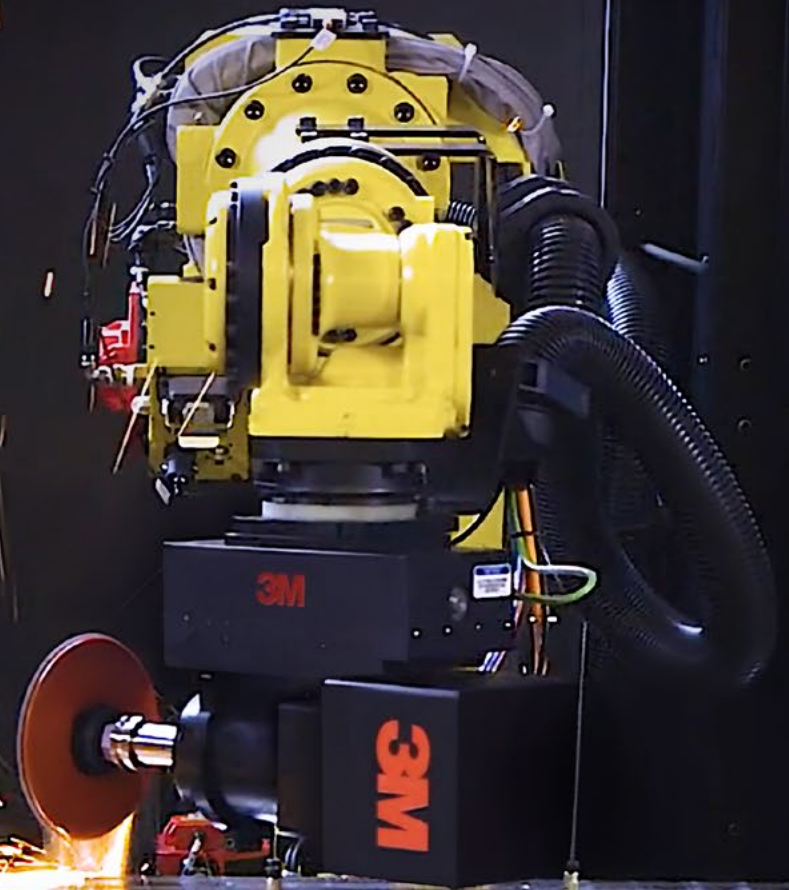
**BRISTLE DISCS**  
MAX RPM is moulded into the back of the disc.

**WHEELS/BRUSHES**  
MAX RPM is located on the label or box.

# ABRASIVES AUTOMATION AND ROBOTICS

3M offers abrasive solutions and expertise to help you automate a variety of material removal processes, from robotic grinding to robotic polishing and every step in-between.

Scotch-Brite™ Brand products are ideally suited for robotic applications as they can help increase productivity, consistency and cost savings in automated processes.

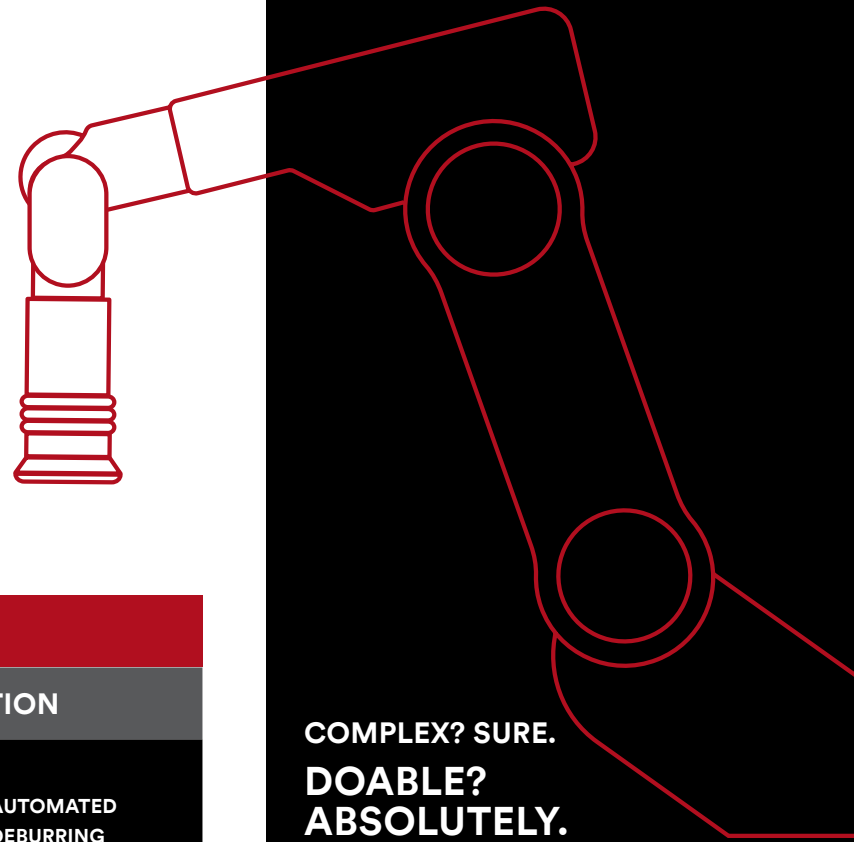


From abrasives to automation, 3M continues to innovate, reinvent and reimagine industrial solutions for the metalworking industry.

# ABRASIVES AUTOMATION AND ROBOTICS

## COMMITMENT TO AUTOMATION SUCCESS.

Highly conformable Scotch-Brite™ Non-woven Abrasives allow the abrasive to stay in contact with complex-shaped parts, while delivering consistent performance, making them ideal for robotic processing. Scotch-Brite™ Brand solutions offer a wide range of long-lasting wheels, belts and brushes for automated applications.



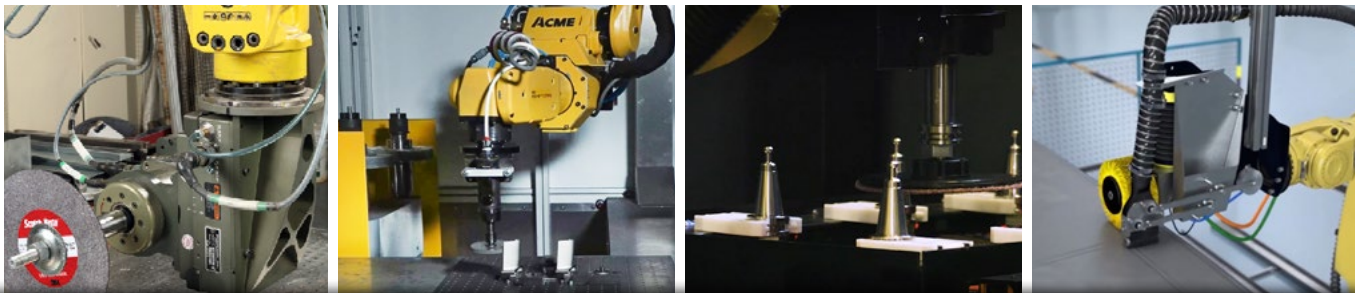
### APPLICATIONS USING SCOTCH-BRITE™ PRODUCTS

AUTOMATION				FIXED AUTOMATION	
ROBOTIC DEBURRING	ROBOTIC WELD GRINDING AND BLENDING	ROBOTIC SATIN FINISHING AND POLISHING	ROBOTIC CLEANING AND COATINGS REMOVAL	AUTOMATED FLAT FINISHING	AUTOMATED DEBURRING
Deburr and Finish Pro Unitized Wheels	Surface Conditioning Discs	Surface Conditioning Belts	Clean and Strip Discs	Wide Brushes	Brushes
EXL Unitized Wheels	Surface Conditioning Belts	Metal Finishing Unitized Wheels	Clean and Strip Pro Discs	Surface Conditioning Long/Wide Belts	Surface Conditioning Belts
EXL Deburring Convolute Wheels		Multi-Finishing Unitized Wheels	Bristle Discs		
Radial Bristle Brushes and Bristle Discs		Surface Conditioning Flap Brushes			

**COMPLEX? SURE.  
DOABLE?  
ABSOLUTELY.**

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 [here](#).



ASK AN EXPERT



ABRASIVES



# NON-WOVEN ABRASIVES

Scotch-Brite™ Non-woven Abrasives allow you to achieve a uniform finish in fewer steps without damaging the base material.

Our full line of abrasives are available in a variety of grades to help you meet your deburring, sanding, blending, finishing and polishing requirements.

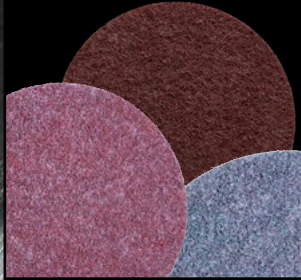
COLOUR  
CODING



Page 16 ▶

## SURFACE CONDITIONING DISCS

Pages 17–19 ▶



## CLEAN AND STRIP

Pages 20–21 ▶



## UNITIZED WHEELS

Pages 22–24 ▶



## CONVOLUTE WHEELS

Pages 25–28 ▶



## FLATSTOCK AND HAND PADS

Pages 29–32 ▶



## BELTS

Pages 33–35 ▶



## BRUSHES

Pages 36–37 ▶



## MOULDED

Pages 38–40 ▶



# CRACKING THE COLOUR CODE

RECOGNIZING ABRASIVE AND BACKING COLOURS CAN HELP YOU TO QUICKLY IDENTIFY SCOTCH-BRITE™ NON-WOVEN DISCS AND BELTS — AND THEIR GRADES.<sup>1</sup>

FAMILY	SUPER FINE	VERY FINE	FINE	MEDIUM	COARSE	HEAVY DUTY	SUPER DUTY	BACKING	DISC	BELT
	SFN	VFN	FIN	MED	CRS	HD	SD			
SC								Same as grade colour		
	Disc 600–400 Belt 600–400	Disc 400–320 Belt 400–320		Disc 220–180 Belt 240–180	Disc 150–120 Belt 180–150					
SE										
			Disc 280–220 Belt 280–240	Disc 220–180 Belt 240–180	Disc 100–80 Belt 150–120					
Durable Flex										
			Belt 280–240	Belt 240–180	Belt 180–150					
Light Grinding and Blending										
						Disc 120–100 Belt 180–150	Disc 100–80 Belt 150–120			

## P GRADES

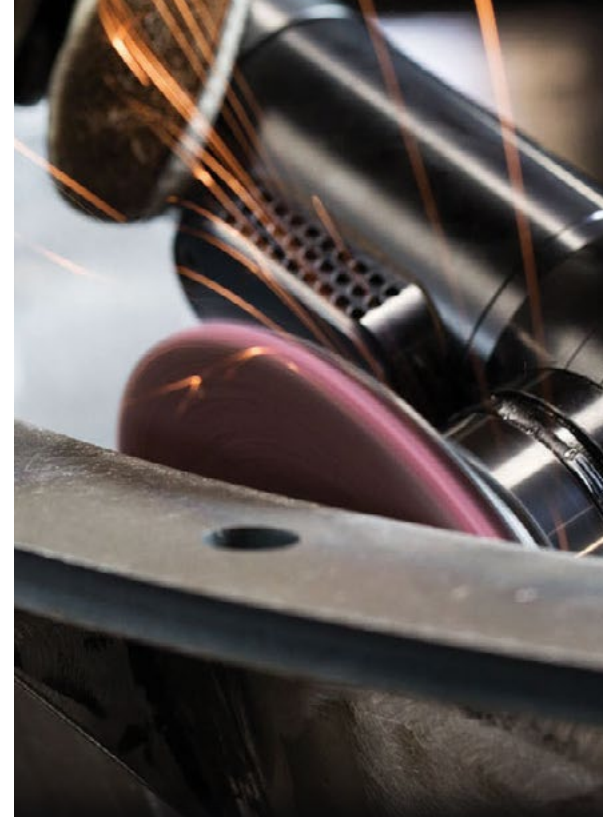
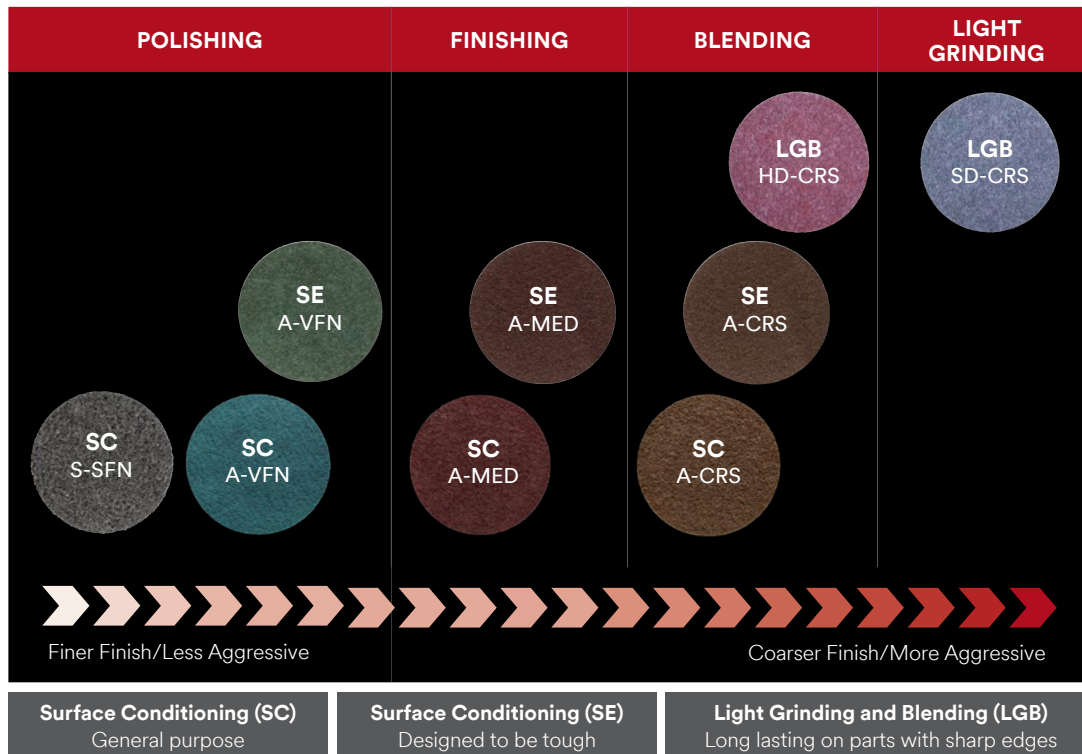
1. P Grade ranges for Scotch-Brite™ Discs and Belts are based on comparative finishes to 3M coated belts (tested on stainless steel) and 3M paper discs (tested on mild steel with rotary tools). Grade ranges are reference point only — listed from finer to coarser. Measured finish will be affected by operator, tool, accessories used, substrate and application, and provided ranges are reference point only.



# SCOTCH-BRITE™ SURFACE CONDITIONING DISCS

## CHOOSE THE RIGHT DISC FOR THE JOB.

Scotch-Brite™ Surface Conditioning Discs can help with your first step for cleaning, blending, deburring and finishing without undercutting the base material. The durable open web is designed to run cool and resist loading — producing a high cut rate, consistent finish and extending operation.



## MAKE TOUGH JOBS EASIER.

Scotch-Brite™ Surface Conditioning Discs can help you achieve a burr-free, paintable finish in fewer steps without damaging the base material. The non-woven, open web and durable construction is designed to resist loading and greatly increase the life of the disc.

### TECH TIP

Use with 3M™ Centre Pin Backup Pad or 3M™ Fibre Disc Hub, Face Plate and Retainer Nut for a more secure attachment. See 3M Power Tools and Accessories Catalogue for product details.



# SCOTCH-BRITE™ SURFACE CONDITIONING DISCS

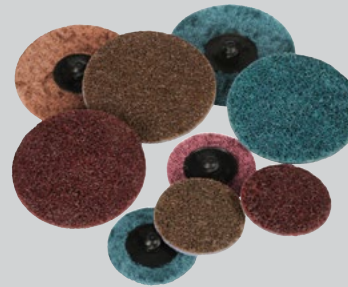


## Scotch-Brite™ SC Surface Conditioning Discs

General purpose for cleaning, blending, light deburring and finishing.

Conforms well on irregular/contoured surfaces without undercutting or damaging base material.

Open-web resists loading.



Roloc™



TN Quick Change



7/8" Centre Hole

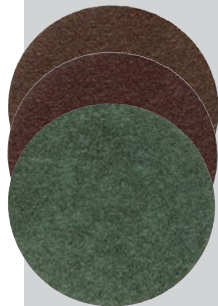


Hook and Loop



FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM



## Scotch-Brite™ SE Surface Conditioning Discs

Aggressive disc with long life for heavy duty deburring, finishing and grinding.

Appropriate for high to medium pressure applications and edge deburring.

Aluminum oxide.

Open-web resists loading and runs cool.



**TECH TIP:** Easy to recognize with the Scotch-Brite™ branded light blue backing on SE discs and belts!



Roloc™



TN Quick Change



7/8" Centre Hole



Hook and Loop

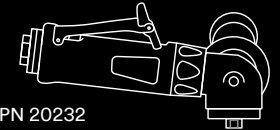


FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM

## BUILD YOUR SYSTEM

### 3M™ ROLOC™ EXAMPLE



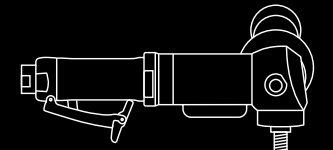
PN 20232

Sander Adapter  
PN 06582

3M™ Roloc™ Disc Pad  
PN 45091

Scotch-Brite™ Roloc™ SC  
Surface Conditioning Disc  
UPC 00-048011-05532-9

### HOOK AND LOOP EXAMPLE



PN 28825

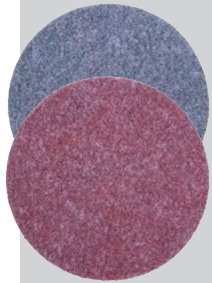
3M™ Hook and Loop  
Disc Pad Holder  
PN 9145

Scotch-Brite™ SE Surface  
Conditioning Disc  
UPC 00-048011-18079-3

## TECH TIP | NEED TO REDUCE VIBRATION?

A "Direct Mount" Disc Pad attachment has a lower profile and offers better control. Check out a Collet accessory for a longer reach.

# SCOTCH-BRITE™ SURFACE CONDITIONING DISCS



## Scotch-Brite™ Light Grinding and Blending Discs

Grinds and blends in one step.

3M ceramic aluminum oxide blend abrasive grain.

Aggressive cut, long life, consistent finish.

Durable construction resists edge wear.



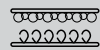
**TECH TIP:** You can remove a blending sanding step — increasing your productivity!



Roloc™



TN Quick Change



Hook and Loop



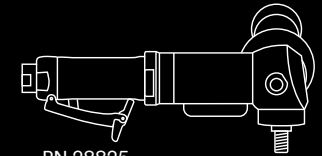
FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM

## BUILD YOUR SYSTEM

### TN QUICK CHANGE EXAMPLE

2-piece Attachment System



PN 28825

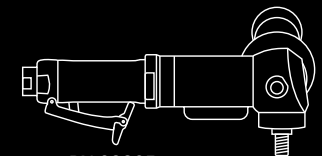
3M™ Disc Pad Hub  
PN 45205

3M™ Disc Pad Face Plate  
PN 14270

Scotch-Brite™ Light  
Grinding and Blending Disc  
UPC 00-048011-60349-0

### 7/8" CENTRE HOLE EXAMPLE

3-piece Attachment System



PN 28825

3M™ Disc Pad Hub  
PN 45205

3M™ Disc Pad Face Plate  
PN 14270

Scotch-Brite™ Light  
Grinding and Blending Disc  
UPC 00-048011-60332-2

3M™ Disc Retainer Nut  
PN 51047



## TECH TIP

### 2-Step Weld Remove and Prep for Paint

Remove the weld with  
3M™ Cubitron™ II Fibre Disc  
982C grade 36+

1

Finish with the Scotch-Brite™  
Light Grinding and Blending  
SD Discs

2

Ready for paint (>3 mil)

*For best results use with red (extra hard) or black (hard) 3M™ Disc Face Plates.*

# SCOTCH-BRITE™ CLEAN AND STRIP PRO DISCS

CHOOSE YOUR CUT.

## XT PRO

Rust, paint, light mill scale removal

Maintains workpiece shape

Low sparking

Ideal for surface prep

Made with silicon carbide mineral



## XT PRO EXTRA CUT

Heavy rust/rust pit removal without leaving divots

Thick paint and coating removal

Weld refinement and removing weld discoloration

Cuts to bare metal quickly

Ideal for adhesion prep

Made with aluminum oxide mineral

## BOTH

Rapid coating removal and surface prep

Decreased chunking — extended life

Highly conformable

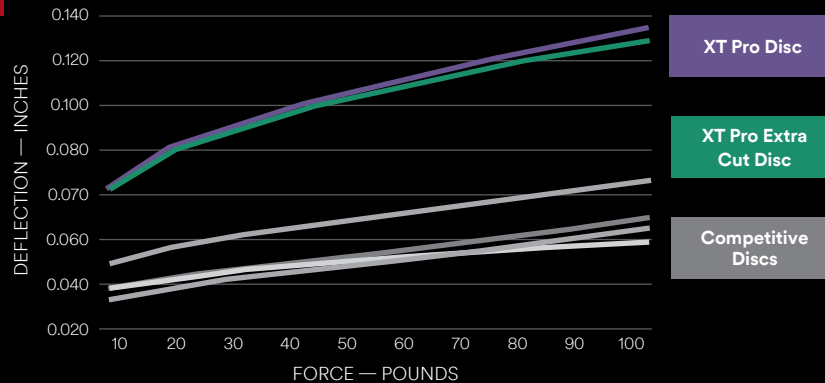
High speed rating

Quick change, spin-on thread

## CONFORMABILITY TEST

### BETTER CONTACT FOR FASTER REMOVAL

Scotch-Brite™ Clean and Strip XT Pro and XT Pro Extra Cut consistently demonstrate higher conformability.



## SPEED WITHOUT COMPROMISE.

Scotch-Brite™ Clean and Strip XT Pro and XT Pro Extra Cut Discs offer increased conformability without undercutting strength. Rated for high speeds, they spin easily onto your angle grinder with a quick-change threaded hub — no accessories needed.





# SCOTCH-BRITE™ CLEAN AND STRIP DISCS



## Scotch-Brite™ Clean and Strip XT Pro Discs

Quickly removes rust, paint, mill scale, coatings from metal and leaves a fine finish.

Silicon carbide mineral cuts aggressively.

Low sparking.

Maintains workpiece shape.



Roloc™



Centre Hole



5/8-11

FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Clean and Strip XT Pro Extra Cut Discs

Heavy rust/rust pit removal without leaving divots, ideal for weld refinement and removing weld discoloration.

Aluminum oxide mineral cuts to bare metal quickly.

Decreased chunking — extended life.



Roloc™



Centre Hole



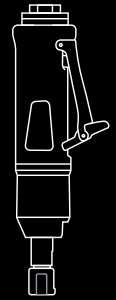
5/8-11

FIND YOUR GRADE AND SIZE

## BUILD YOUR SYSTEM

### 3M™ ROLOC™+ SYSTEM EXAMPLE

PN 20240



3M™ Roloc™+ Holder  
PN 07500



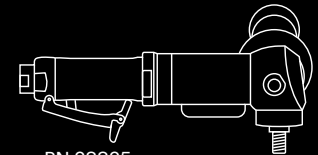
Scotch-Brite™ Roloc™+ Clean  
and Strip XT Pro Disc  
UPC 0-06-38060-21542-5



### 7/8" CENTRE HOLE EXAMPLE

1-piece Attachment System

PN 28825



3M™ Adapter Nut 5/8-11 Thread  
PN 88765



Scotch-Brite™ Clean and Finish  
XT Pro Disc Type 27  
UPC 00-638060-05586-1



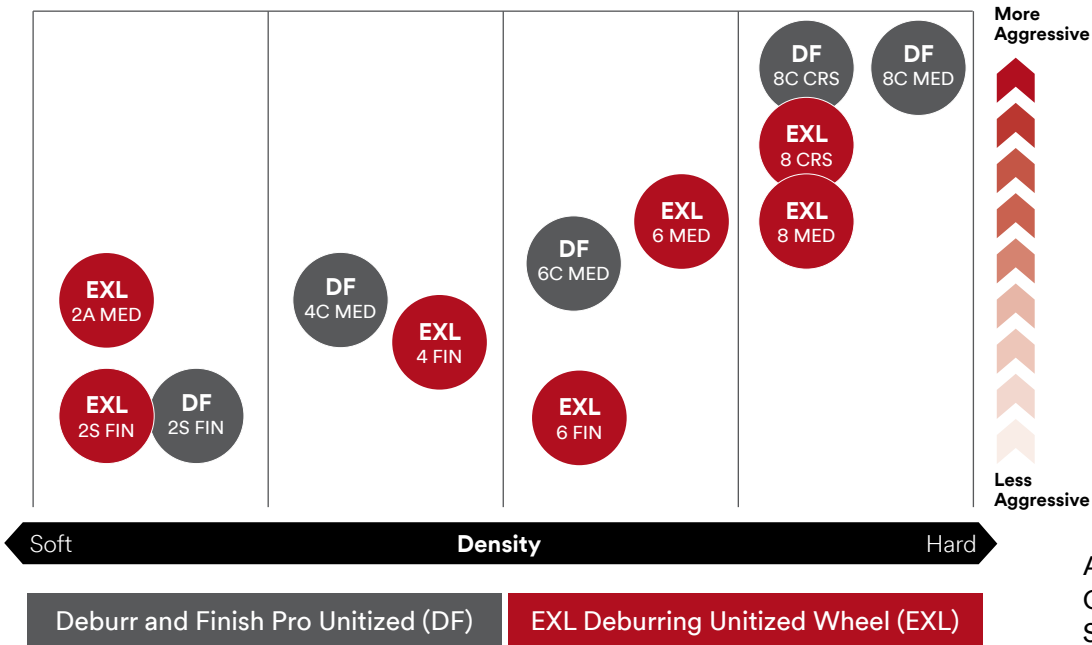
3M™ Adapter Nut 12.7 cm  
(5/8-11") Thread  
PN 88765



# SCOTCH-BRITE™ UNITIZED WHEELS

## HIGH PERFORMANCE AND DURABILITY.

Scotch-Brite™ Unitized Wheels are compressed layers of non-woven web designed to bring abrasive to the part. Performance differences between unitized wheels can be attributed to mineral (aggressiveness) and density (hardness). The combination of these two characteristics and subtle variations determine if the wheel will cut more aggressively or will be more durable and less conformable.



## COOL UNDER PRESSURE.

Scotch-Brite™ Unitized Wheels are manufactured with compressed, non-woven fibre construction and uniform grain distribution. These rugged, fast-cutting wheels produce great results on all types of metal, composites and glass.

Smaller wheels are designed for use on die grinders and angle grinders.

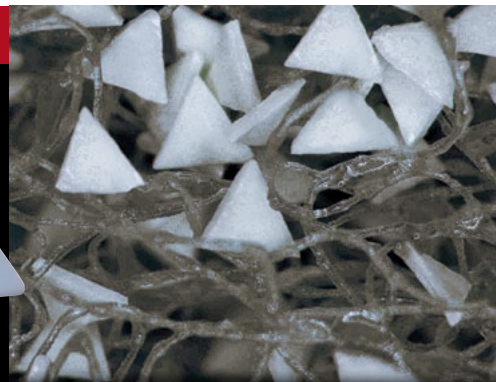


LEARN MORE

## TECHNOLOGY

### 3M PRECISION SHAPED GRAIN + NON-WOVEN TECHNOLOGY

Scotch-Brite™ Debur and Finish Pro Unitized Wheels combine 3M Precision Shaped Grain with our non-woven technology, so you get a wheel that's soft enough to reduce defects but wears like iron without sacrificing the smooth feel and control you expect from Scotch-Brite™ Wheels.



# SCOTCH-BRITE™ UNITIZED WHEELS

## BUILD YOUR SYSTEM



### Scotch-Brite™ Deburr and Finish Pro Unitized Wheels

Quickly polish, finish, blend and deburr.

3M Precision-Shaped Grain is engineered to cut fast and sharp, enabling quicker burr removal.

Non-woven construction minimizes loading and changes.



FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM



### Scotch-Brite™ EXL Unitized Deburring Wheels

For deburring, finishing and polishing of all metal alloys and plastics and composites.

Densities and grades ranging from soft and conformable to hard and aggressive offer utility for a wide variety of applications.

Resists smearing and minimizes heat buildup on the work piece.

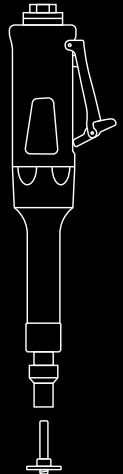
Conformable to complex-shaped parts.



FOR MORE DETAILS, SCAN THIS QR CODE

3M™ ROLOC™ SYSTEM

### 3M™ COLLET SYSTEM EXAMPLE



PN 28331  
Collet is built into the tool.

3M™ Mandrel 990  
UPC 00-048011-15012-3

Scotch-Brite™ Deburr and Finish Pro Unitized Wheel  
UPC 00-638060-05161-0

Mandrel Cap

## TECH TIP | COLLETS

Different collet sizes are available for a variety of shaft/spindle/mandrel diameters.



# SCOTCH-BRITE™ UNITIZED WHEELS



## Scotch-Brite™ Cut and Polish Unitized Wheels

Highly durable and aggressive to remove oxides, rusts and colours to produce a shiny or polished finish.

Aluminum oxide mineral has high cut-rate, hardness and strength.

Excellent for aggressive heavy duty blending and finishing with uniform results.

Good replacement for rubber bonded wheels and small set-up wheels.



FOR MORE DETAILS, SCAN THIS QR CODE

3M™ ROLOC™ SYSTEM



## Scotch-Brite™ Rapid Cut Unitized Wheels

With higher cut rate deburr larger and more aggressive burrs. It will blend larger welds more quickly.

3M Precision-Shaped Grain for fast, aggressive cutting and exceptionally longer life .



FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM

## Scotch-Brite™ Unitized Wheels Classification

### FAMILY



### DENSITY



### MINERAL

- A/O ALUMINUM OXIDE
- SiC SILICON CARBIDE
- C CERAMIC ALUMINUM OXIDE

### GRADE

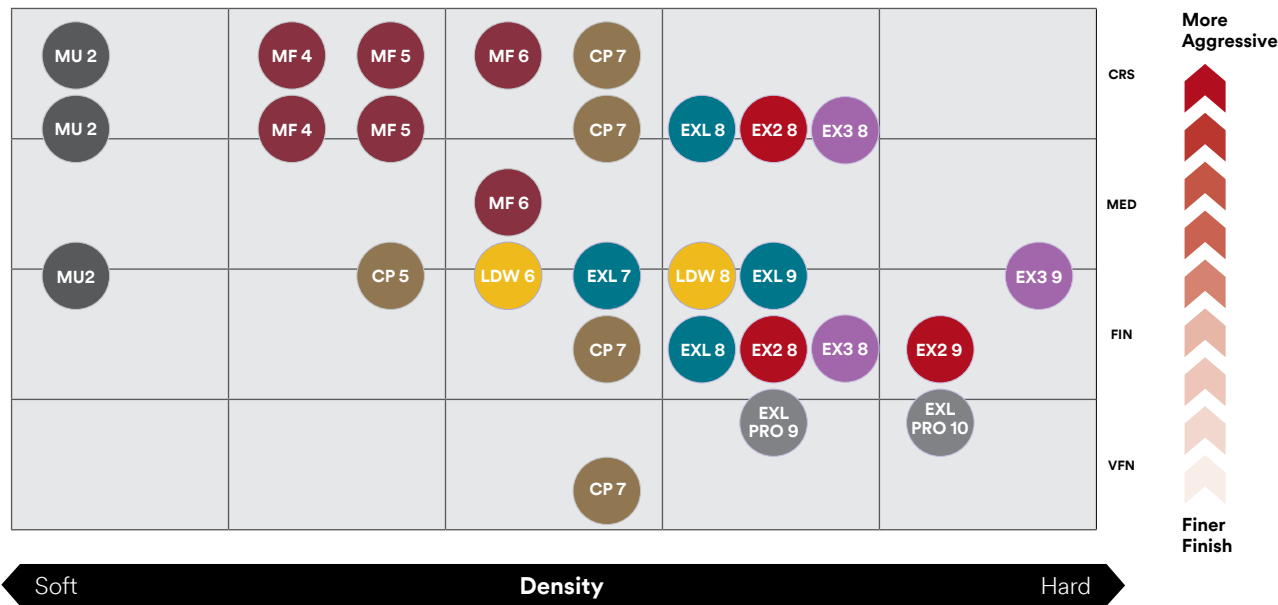
- VFN VERY FINE
- FIN FINE
- MED MEDIUM
- MED+ MEDIUM PLUS
- CRS COARSE
- CRS+ COARSE PLUS
- XCS EXTRA COARSE

APPLICATIONS	Deburring	Blending	Finishing	Polishing
Deburr and Finish Pro	✓	✓	✓	
EXL	✓	✓	✓	✓
Cut and Polish		✓	✓	✓
Rapid Cut	✓	✓		

# SCOTCH-BRITE™ CONVOLUTE WHEELS

## REACH YOUR DEBURRING AND FINISHING POTENTIAL.

Get high performance and durability, Scotch-Brite™ Convolute Wheels produce great results on all types of metal, composites and glass. Used on pedestal grinders, back stands and bench motors, these wheels provide a consistent working surface even as the wheel wears.



## FOR WHEN YOU NEED TO ACHIEVE A FINE FINISH.

Engineered to strike a balance between durability and conformability to deliver unmatched results in deburring, weld blending, finishing and polishing applications.

Scotch-Brite™ Wheels are powered by non-woven technology — a conformable nylon web with incorporated abrasive grain developed by 3M engineers.

SCOTCH-BRITE™ CONVOLUTE WHEEL	Deburring	Blending	Finishing	Polishing
EXL Deburring (EXL)	✓	✓		
EXL Pro Deburring (EXL PRO)	✓			
Metal Finishing (MF)		✓	✓	
Cut and Polish (CP)		✓	✓	✓
Multi-Finishing (MU)		✓	✓	
Light Deburring (LDW)			✓	✓

RECOMMENDED OPERATING SPEEDS	
Application	SFPM
Finishing	500 – 3,000
Composites/ Soft Materials	1,200 – 2,700
Deburring	5,000 – 7,500
Blending/ Polishing	6,000 – 8,000

SFPM = Surface Feet Per Minute

MAXIMUM OPERATING SPEEDS	
Diameter	RPM
10.16 cm (4")	9,000
15.24 cm (6")	6,000
20.32 cm (8")	4,500
25.4 cm (10")	3,600
30.48 cm (12")	3,000
35.56 cm (14")	2,550
40.64 cm (16")	2,250
45.72 cm (18")	2,000
50.8 cm (20")	1,800
60.96 cm (24")	1,500







# SCOTCH-BRITE™ CONVOLUTE WHEELS — FINISHING



## Scotch-Brite™ Cut and Polish Wheels

For aggressive finishing applications, and defect removal and scratch blending.

Produces a dull finish with a tight scratch pattern.

Most durable of our finishing wheels.



Density	Mineral	Grade	Dia.	Width
5, 7	A/O	VFN, FIN, MED, CRS	10.16 – 60.96 cm (4" – 24")	1.27 – 91.44 cm (5" – 36")



FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Light Deburring Wheels

Provides a clean and effective system for removing fine burrs while leaving a highly polished finish.

Produces a bright and consistent finish with tight scratch pattern.

Very soft and conformable.



Density	Mineral	Grade	Dia.	Width
6, 7, 8	SiC	FIN	10.16 – 60.96 cm (4" – 24")	1.27 – 91.44 cm (5" – 36")



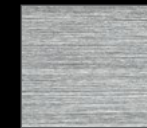
FIND YOUR GRADE AND SIZE

## 3M PRESENTS THE "FINISHING FOUR."

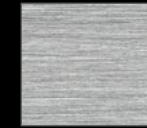
The easiest way to achieve the look you're going for!



**METAL FINISHING WHEELS** create a satin finish that is somewhat coarser and duller than our light deburring wheels.



**MULTI-FINISHING WHEELS** create a bright finish with a wide scratch pattern.



**CUT AND POLISH WHEELS** produce a dull finish with a tight scratch pattern.



**LIGHT DEBURRING WHEELS** produce a bright and consistent finish with a tight scratch pattern.

## TECH TIP | CONVOLUTE VS. UNITIZED

Often determined by the part configuration, wheel size availability, and tool speed. Convolute wheels are typically bigger and used on stationary equipment, whereas unitized wheels are smaller and used on portable tools.



# SCOTCH-BRITE™ FLATSTOCK AND HAND PADS

## FIND YOUR HAND PAD.

Use the selection guide below to find the right mineral, grit coarseness and finish for your application — including light duty cleaning, blending and finishing and every surface prep task in between.

START HERE

**Durable Flex**  
Most Flexible Option

Flexible, durable grey hand pad. Long lasting, tear and load resistant for fast, consistent action without compromising finish.

**7447**  
Trusted General Purpose Hand Pad

Most popular general purpose hand pad. Dark maroon pad cleans, blends, finishes and deburrs.

**Durable Flex**  
Long Lasting — Specially Coated to Resist Loading

Flexible, durable maroon hand pad. Long lasting, tear and load resistant for fast, consistent action without compromising finish.

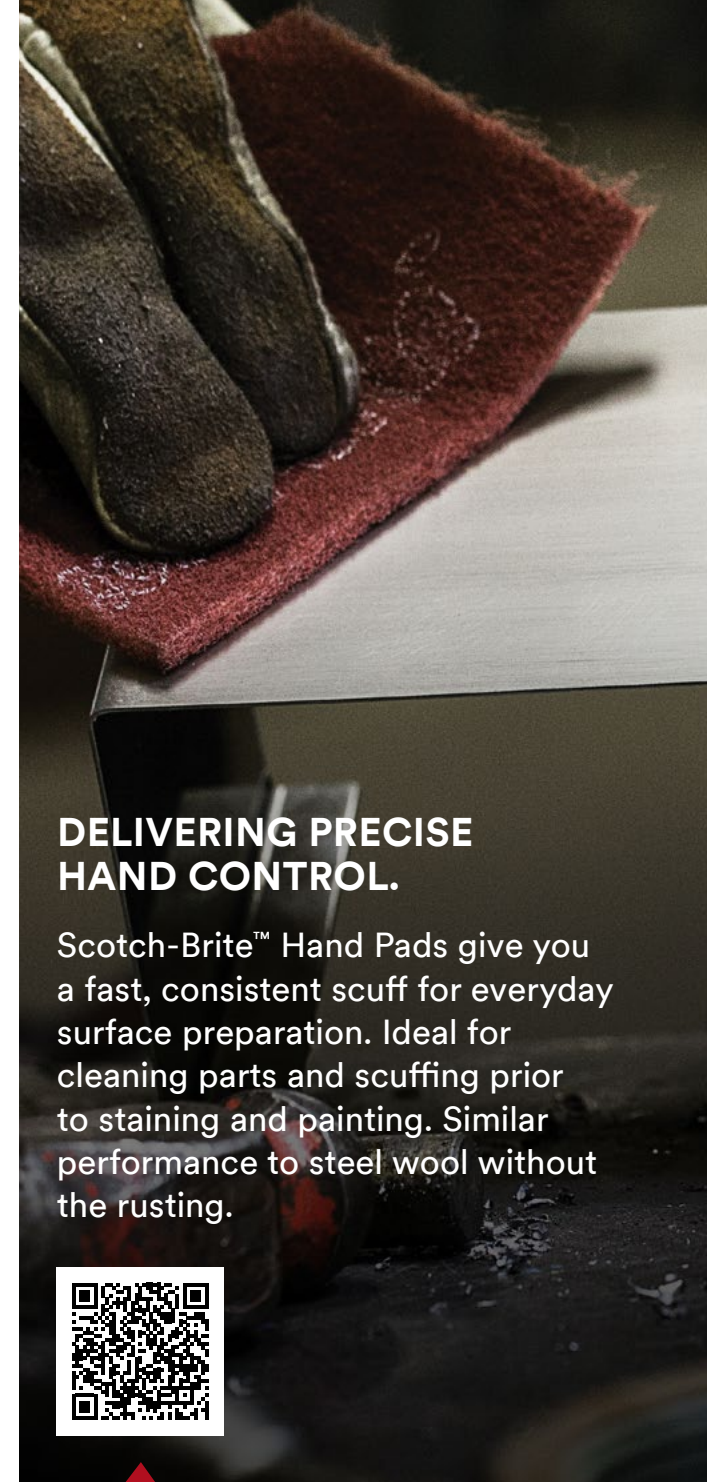
**7447 Pro**  
Most Durable and Aggressive

Long lasting maroon hand pad for uniform scratch. Specialty coated to resist loading.

FULL PORTFOLIO

Super Fine	Silicon Carbide / Ultra Fine		Aluminum Oxide / Very Fine				Aluminum Oxide / Course		
7445	7448	Durable Flex	7448 PRO	7447	Durable Flex	7447 PRO	8447	7446	7440

Less Aggressive/Finer Finish More Aggressive/Coarser Finish



## DELIVERING PRECISE HAND CONTROL.

Scotch-Brite™ Hand Pads give you a fast, consistent scuff for everyday surface preparation. Ideal for cleaning parts and scuffing prior to staining and painting. Similar performance to steel wool without the rusting.



LEARN MORE

## TECH TIP

**Aluminum Oxide:** A more durable mineral that performs in aggressive applications.  
**Silicon Carbide:** A sharper mineral and is used for finer finishing applications.



# SCOTCH-BRITE™ HAND PADS AND FLATSTOCK

BUILD YOUR SYSTEM



## Scotch-Brite™ Hand Pads 7447 Pro

Very fine grade aluminum oxide mineral cleans and finishes efficiently.

Tightly graded abrasive particles for consistent, uniform scratch throughout life of the hand pad.

Long lasting pad made with durable non-woven nylon web is flexible enough to get into hard-to-sand places; Specially coated to minimize loading.

Cleans, finishes and scuffs a wide variety of surfaces, offering supreme versatility.

Can be used wet or dry and rinsed for repeated use.



FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Hand Pads 7448 Pro

Ultra fine finishing action outperforms steel wool for cleaning, blending, prepping and finishing on metal, wood, plastics and composites.

Long-lasting pad is specially coated to minimize loading.

Pad conforms to irregular surfaces and gets into corners without losing performance.

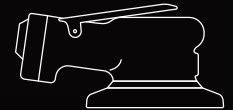
Performs like steel wool grade 00 without shredding or rusting.



FOR MORE DETAILS, SCAN THIS QR CODE

## RANDOM ORBITAL SANDER EXAMPLE

3M™ Hookit™ System

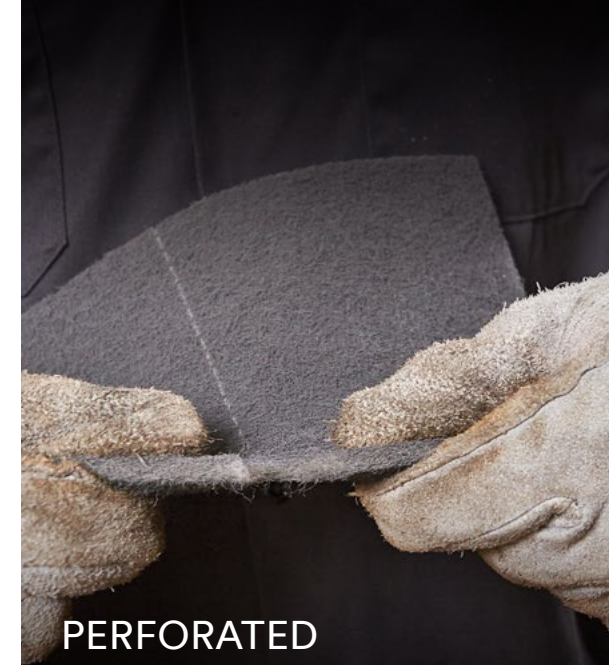
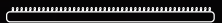


PN 28708

3M™ Hookit™ Low  
Profile Disc Pad  
PN 28852



Scotch-Brite™ Hookit™  
7447 Pro Disc  
UPC 00-048011-65071-5



PERFORATED  
HAND PADS ARE  
EASY TO USE!

# SCOTCH-BRITE™ HAND PADS AND FLATSTOCK



## Scotch-Brite™ Hand Pads 7447

Superior alternative to steel wool, wire brushes, and sandpaper.

Use on wood, metal, plastics, ceramics, porcelain, rubber, or composites.

Very fine grade aluminum oxide abrasive cleans, finishes, grains, denibs, defuzzes.



**TECH TIP:** If you want 7447 in a roll/sheet/disc, try Scotch-Brite™ Clean and Finish Abrasive A VFN



FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Hand Pads 7448

High performance pads are packed with tightly graded abrasive mineral for more consistent, fast cut.

Flexible pad cleans, blends and finishes where conformability is needed.

Ideal for prepping surfaces for primer and colour coat, general scuffing and cleaning.



**TECH TIP:** If you want 7448 in a roll/sheet/disc, try Scotch-Brite™ Clean and Finish Abrasive S ULF



FIND YOUR GRADE AND SIZE





# SCOTCH-BRITE™ HAND PADS AND FLATSTOCK



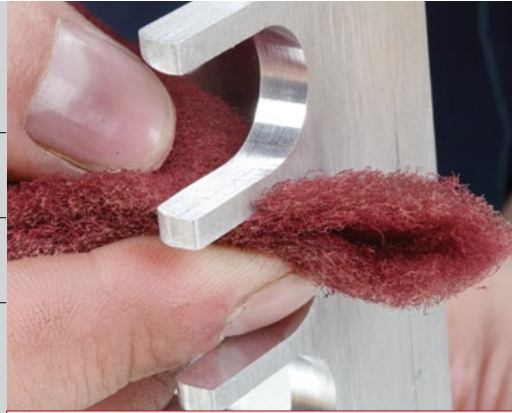
## Scotch-Brite™ Durable Flex Hand Pads

Flexible pad cleans, blends and finishes where conformability is needed.

Tightly graded abrasive mineral provides consistent, fast cut.

Ideal for prepping surfaces for primer and colour coat, general scuffing, cleaning and hand blending.

S Ultra Fine (S ULF) performs like steel wool grade 00; A Very Fine (A VFN) performs like steel wool grade 1.



**TECH TIP:** Don't want a standard hand pad? Try a roll and tear off your perfect size!



FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Heavy Duty Hand Pad 7440

Aggressive, durable pad for heavy cleaning, deburring and finishing.

Very high density, super aggressive for quick stock removal.

Withstands heavy use on tough surfaces.

Cuts fast to remove coatings and corrosion in demanding cleaning and finishing applications.



**TECH TIP:** If you want 7440 in a roll/sheet/disc, try Scotch-Brite™ Cut and Polish Abrasive









FIND YOUR GRADE AND SIZE
















# SCOTCH-BRITE™ SURFACE CONDITIONING BELTS

TRUST SCOTCH-BRITE™ BELTS TO DELIVER FANTASTIC FINISHES.

RECOMMENDED BACKINGS		 File Belt	 In-Line Sander	 Stroke Sander	 Back Stand	 Centreless/Cylindrical	 Flat Finishing
✓ = Recommended Starting Point ✓ = Secondary Starting Point							
Scotch-Brite™ DF Surface Conditioning Belt	LOW STRETCH*	✓	✓		✓	✓	✓
	SCRIM	✓	✓				
Scotch-Brite™ SC Surface Conditioning Belt	LOW STRETCH*				✓	✓	✓
	FILM BACKED			✓			
Scotch-Brite™ SE Surface Conditioning Belt	SCRIM	✓	✓				
	LOW STRETCH*				✓	✓	✓
	FILM BACKED			✓			

\*Low stretch is ideal for high tension or long belt applications.

FLEXIBLE Resistant to chunking.	GENERAL PURPOSE The original multi-purpose surface conditioning belt.	TOUGH Holds up to sharp edges and burrs.	More Aggressive  Finer Finish
 DF CRS  DF MED  DF FIN	 SC CRS  SC MED  SC VFN  SC SFN	 SE CRS  SE MED  SE FIN	

RECOMMENDED OPERATING SPEEDS	
Application	SFPM
Decorative Finishing	500 – 3,000
Deburring	5,000 – 6,500
Cleaning and Conditioning	2,000 – 5,000
Oxide Removal	4,500 – 6,500
Maximum Operating Speed: 6,500 SFPM SFPM = Surface Feet Per Minute	

THE EASIEST WAY TO A PERFECT FINISH.

Choose Scotch-Brite™ Surface Conditioning Belts for cleaning, finishing, blending and deburring. The reinforced backing offers good flexibility whether working on a file belt or backstand. The non-woven material combined with abrasive grain is an ideal way to add a great finish or remove burrs without gouging or undercutting the work piece.



# SCOTCH-BRITE™ SURFACE CONDITIONING BELTS



## Scotch-Brite™ SC Surface Conditioning Belts

Premium Scotch-Brite™ Brand surface conditioning non-woven web.

Designed for cleaning, finishing and light deburring.

For use on portable, benchtop and backstand equipment.

Backing: Scrim, Film Backed, Low Stretch



SCRIM



FILM BACKED

FIND YOUR GRADE AND SIZE

ADDITIONAL BACKING OPTIONS



## Scotch-Brite™ Durable Flex (DF) Surface Conditioning Belt

Durable flex belt has great edge durability.

Aggressive and long-lasting belt for deburring, finishing, blending and cleaning.

The reinforced low stretch backing offers good flexibility.

Ideal for file belts applications.

Backing: Low Stretch



**TIP:** It's easy to identify DF Belts by the Scotch-Brite™ branded purple backing!

FIND YOUR GRADE AND SIZE

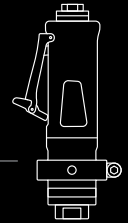
## TECH TIP

Is your belt wearing out too fast?  
Try the Scotch-Brite™ SE Surface Conditioning Belt.

## BUILD YOUR SYSTEM

### 3M™ INLINE SANDER EXAMPLE

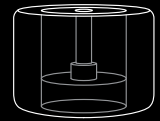
PN 28339



3M™ Wheel Adapter Kit  
PN 45038



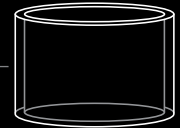
3M™ Rubber Slotted  
Expander Wheel  
12.7 × 7.62 cm (5" × 3-1/2"),  
1.5875 cm (5/8") Arbor Hole  
PN 28348



Adapter Kit Cap

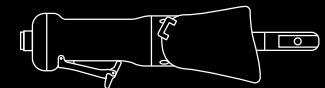


Scotch-Brite™ SC Surface  
Conditioning Belt  
7.62 × 38.1 cm  
(3-1/2" × 15-1/2")  
UPC 00-048011-05228-1



### 3M™ FILE BELT EXAMPLE

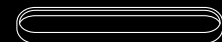
PN 28366



3M™ File Belt Sander  
Attachment Arm  
PN 28368



Scotch-Brite™  
Durable Flex Belt  
UPC 00-048011-64455-4



# SCOTCH-BRITE™ SURFACE CONDITIONING BELTS



## Scotch-Brite™ SE Surface Conditioning Belts

Coarse grade aluminum oxide, tough, aggressive non-woven belt for heavy duty deburring and finishing.

For use on backstand and off hand equipment.

Identifiable by light blue backing.

Backing: Scrim

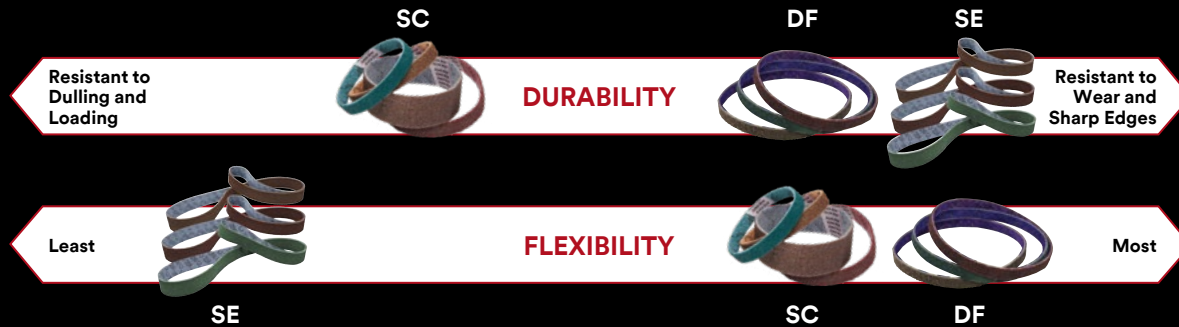


SCRIM



FIND YOUR GRADE AND SIZE

## SCOTCH-BRITE™ SURFACE CONDITIONING BELTS PERFORMANCE COMPARISON



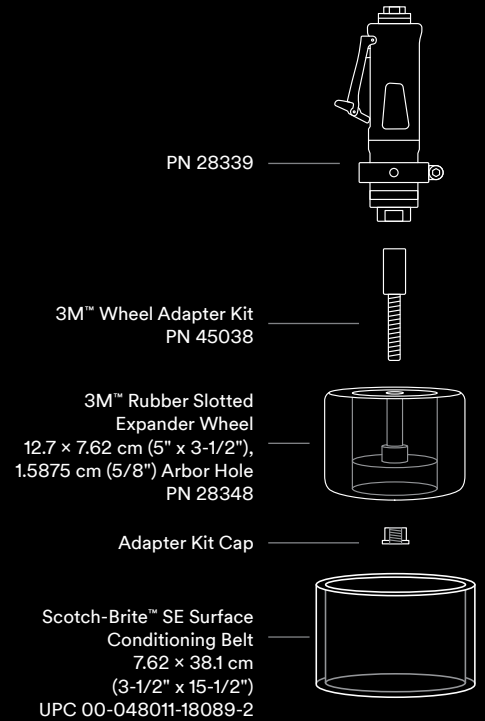
Scotch-Brite™ SC Surface Conditioning Belts (SC)

Scotch-Brite™ Durable Flex Surface Conditioning Belts (DF)

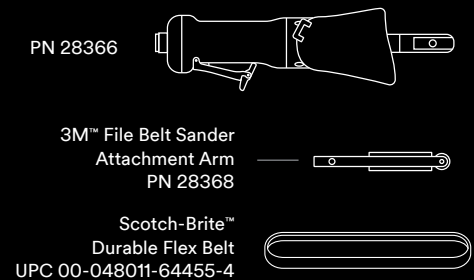
Scotch-Brite™ SE Surface Conditioning Belts (SE)

## BUILD YOUR SYSTEM

### 3M™ INLINE SANDER EXAMPLE



### 3M™ FILE BELT EXAMPLE

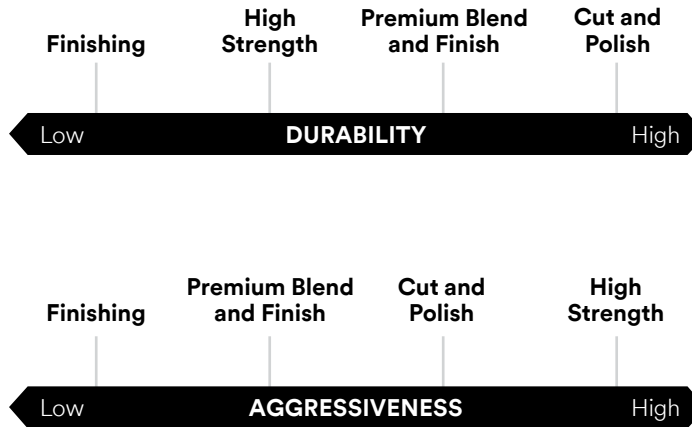




# SCOTCH-BRITE™ FLAP BRUSHES

## SELECT THE FLAP BRUSH FOR YOUR APPLICATION.

- 1 FINISHING**  
 Ultra light duty cleaning and finishing operations.
- 2 CUT AND POLISH**  
 Cleaning and finishing applications that require a more aggressive brush or a brighter finish.
- 3 PREMIUM BLEND AND FINISH**  
 Aggressive finishing and medium cleaning/deburring applications.
- 4 HIGH STRENGTH**  
 Medium duty cleaning and finishing requiring a brush with longer life and more durability.



RECOMMENDED OPERATING SPEEDS	
Application	SFPM
Decorative Finishing*	500 – 3,000
Composites/Soft Materials	1,200 – 2,700
Cleaning and Conditioning	2,000 – 5,000
Prepolishing	2,000 – 7,000
Oxide Removal	4,500 – 6,500
Deburring	5,000 – 6,500
Wood Sanding	500 – 2,500

SFPM = Surface Feet Per Minute

\*Finishing Flap Brushes should not be run over 3,500 SFPM.

FLAP BRUSHES	
Core	Steel, Spindle Mount, 5/8–11 Quick Change, Fibreglass (varies on diameter)
Size	3/4" – 48" (1.905 – 121.92 cm)
Tool/Machine	Match and Finish Sander, Backstand, Die Grinder, Bench Motor



## CLEAN, DEBURR OR FINISH.

Scotch-Brite™ Brushes offer versatility for cleaning, finishing and deburring metal, plastics, wood and more. Available in a wide range of grades and brush constructions to help you tailor brush performance to your specific application — do it all, faster and more consistently.

### TECH TIP

Increase density to improve life and durability. Most common industrial grinding lubricants, coolants, and/or compounds can be used with Scotch-Brite™ Brushes.

# SCOTCH-BRITE™ FLAP BRUSHES



## Scotch-Brite™ Finishing Flap Brush

Soft density and medium/fine/very fine abrasive grades produce brushed surfaces without compounds.

Provides more surface contact than bristle-type brushes.

Continuously supplies fresh abrasives for consistent, uniform finishes.

Non-woven web is load and heat resistant, enabling fine finishing results.



FIND YOUR GRADE AND SIZE



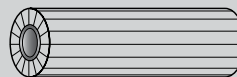
## Scotch-Brite™ Cut and Polish Flap Brush

Great for medium/heavy duty cleaning, deburring, polishing and finishing.

Open web is load resistant, enabling aggressive cleaning and bright finishing.

Deburs stamped or laser-cut parts.

Conforms well on irregular/contoured surfaces without undercutting or damaging base material.

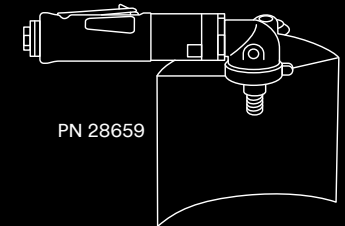


FIND YOUR GRADE AND SIZE

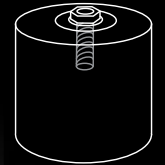
5-3/4" STEEL CORE

## BUILD YOUR SYSTEM

### MATCH AND FINISH SANDER EXAMPLE



PN 28659



Scotch-Brite™ Match and Finish Flap Brush  
11.43 x 10.16 x 12.7 cm  
(4-1/2" x 4" x 5/8-11)  
UPC 00-051141-55745-8





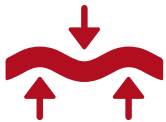
# SCOTCH-BRITE™ SURFACE CONDITIONING MOULDED ABRASIVES

SAFER OPERATION AND CONFORMABILITY IN CONTOURED AREAS.



## Long life with consistent performance

Scotch-Brite™ Bristle Discs and Brushes last longer than most abrasives and provide the same finish and cut throughout their life. For productivity in automated procedures, there are fewer changeovers.



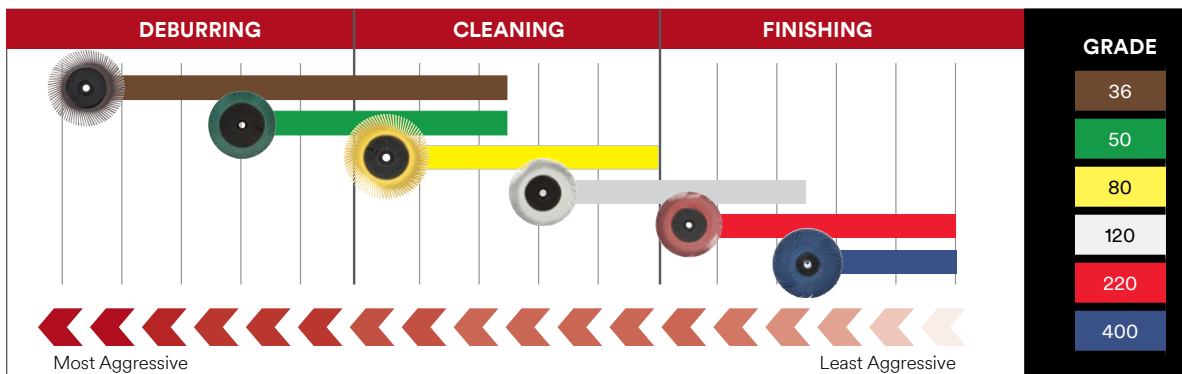
## Conformability and more surface contact

Unlike most abrasives, Scotch-Brite™ Bristle products are flexible and conform to irregular surfaces. They require less manipulation by operators on parts. You can expect a consistent finish even on the most complex parts.



## Safety

To help you meet increasingly tough safety standards, Scotch-Brite™ Bristle Discs contain no wire filaments. When replacing chemicals or compounds, they have the added benefit of not emitting harmful chemical vapours.



## MORE EFFECTIVE THAN WIRE BRUSHES

Scotch-Brite™ Bristle products contain 3M's patented long-lasting 3M™ Ceramic Abrasive Grain, which provide a fast, more uniform finish. This means that as the disc wears, fresh mineral is always exposed, delivering improved productivity and value.



# SCOTCH-BRITE™ BRISTLE DISCS AND BRUSHES



## Scotch-Brite™ Radial Bristle Brushes

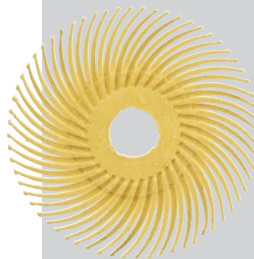
Ideal for Robotic Deburring to quickly remove burrs and sharp edges in end-of-arm tooling operations.

Conformability allows abrasive to stay in contact with complex-shaped parts in robotic processing.

Maintains abrasive property throughout the life of the brush.



FIND YOUR GRADE AND SIZE



## Scotch-Brite™ Radial Bristle Discs

Fast running disc removes paint, stains, adhesives, weld burns and heavy oxides from large areas.

Conform to the part and clean without removing base material reducing damage and rework.

Create an incredibly uniform finish even around protrusions, detail grooves, patterns and other hard to reach areas.



FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM

## BUILD YOUR SYSTEM



**STRAIGHT — TYPE S (TS)**  
Rigid and very aggressive for cleaning and deburring, non-directional.



**ANGLED — TYPE A (TA)**  
Rigid and very aggressive, similar to Type S but for smaller diameters, directional.



**CURVED — TYPE C (TC)**  
Less aggressive and more conformable, directional.

### 3M™ MANDRELS

3M™ Mandrel 990  
UPC 0-00-048011-15012-3



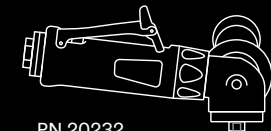
Scotch-Brite™ Radial Bristle Brush  
UPC 0-00-48011-27605-2



Mandrel Cap



### 3M™ ROLOC™ SYSTEM



PN 20232

3M™ Sander Adapter  
PN 06582



3M™ RoLoc™ Disc Pad  
PN 45091

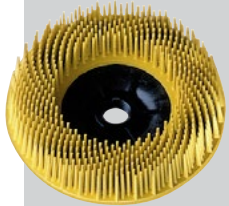


Scotch-Brite™ RoLoc™ Radial Bristle Disc  
UPC 0-00-48011-24276-7



# SCOTCH-BRITE™ SURFACE CONDITIONING BRUSHES

BUILD YOUR SYSTEM



## Scotch-Brite™ Bristle Discs

Bristle spacing is ideal for removing paint, stains, adhesives, weld burn, rust and other high-loading substances.

Proprietary 3M™ Ceramic Abrasive Grain provides aggressive cut and consistent finish throughout the life of the disc.

Flexible bristles require less pressure than wire brushes and conform to contours.



FIND YOUR GRADE AND SIZE

3M™ ROLOC™ SYSTEM



## Scotch-Brite™ Large Area Stripe Removal Disc

Effectively removes unwanted vinyl decals, graphics and striping tapes from metal surfaces.

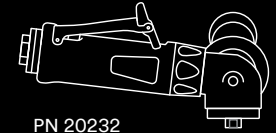
Polyvinyl Chloride (PVC) is durable and stands up to repeated friction for effective removal of unwanted decals.

Disc generates heat as it spins, minimizing the need for prep work with heat tools.



FOR MORE DETAILS, SCAN THIS QR CODE

## 3M™ ROLOC™ SYSTEM EXAMPLE



PN 20232

3M™ Sander Adapter  
PN 06582



3M™ RoLoc™ Disc Pad  
PN 45091



Scotch-Brite™ RoLoc™  
Bristle Disc  
UPC 0-00-48011-24276-7



**DISC SANDERS**



**DIE GRINDERS**



**RANDOM ORBITAL SANDER**



**INLINE FINISH SANDER**



# TOOLS AND ACCESSORIES

Complete your lineup. Scotch-Brite™ Non-woven Abrasives deliver with the full system — tools, accessories and safety. Increasing your productivity one job at a time.

**MATCH AND FINISH SANDER**



**FILE BELT SANDER**



**ACCESSORIES**



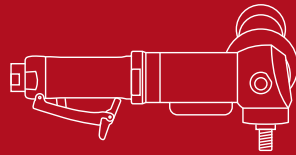


# 3M™ POWER TOOLS



Choosing the right Scotch-Brite™ Non-woven Abrasives for your surface finishing project is critical — and so is using the right tool. Whether your job calls for an angle grinder or sanding tool, 3M has you covered with the power tools, accessories and service you need.

## 3M™ DISC SANDER RIGHT ANGLE SYSTEM



A lightweight, compact design with a high power-to-weight ratio to help you get more work done in less time.

Great for grinding, blending, weld leveling, metal prep and other metal fabrication applications.

## 3M™ DISC SANDER 3M™ ROLOC™ SYSTEM



Weighs less than 1.5 lb. for versatility and ease of use in tight spaces.

Designed specifically for light duty finishing jobs and intermittent spot repair; great for paint stripping and weld cleanup.

## 3M™ DIE GRINDER RADIAL MOUNTED SYSTEM



Straight shaft die grinder designed to grind in hard-to-reach areas; collet insert available.

Great for heavy stock removal and weld leveling as well as removing rust/debris from internal diameters of small cylinders.

# 3M™ POWER TOOLS ▶



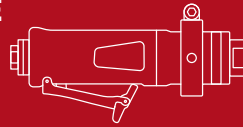
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## 3M™ RANDOM ORBITAL SANDER



Dual action produces a swirl-free finish, even when sanding against the grain.

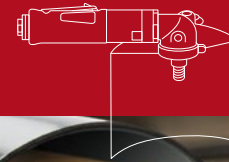
## 3M™ INLINE FINISH SANDER



Straight shaft sander is easy to control and simplifies finish matching.

Generate directional finishes and prepare metals for final finishing, finish to spec, or grind and blend of welds.

## 3M™ MATCH AND FINISH SANDER



Generate straight-line scratches for finishing stainless steel and other metals.

## 3M™ FILE BELT SANDER



A lightweight hand-held sander enabling the operator to maneuver and manipulate the abrasive belt, turning and rotating up to 360 degrees to blend hard-to-reach areas.

# 3M™ ACCESSORIES

Listed below are the accessories highlighted throughout this catalogue. Use the QR codes to access the product details.

**3M™ Disc Pad Hub**  
PN 45205



**3M™ Disc Pad Face Plate**



**3M™ Roloc™ Disc Pad**



**3M™ Hook and Loop Disc Pad Holder**



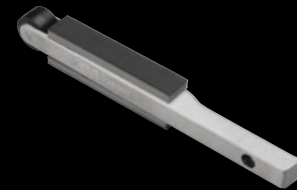
**3M™ Hookit™ Low Profile Disc Pad**  
PN 20352



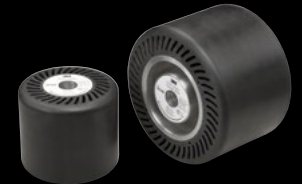
**3M™ Roloc™+ Holder**  
PN 07500



**3M™ File Belt Sander Attachment Arm**



**3M™ Rubber Slotted Expander Wheel 12.7 x 7.62 cm (5" x 3-1/2")  
1.5875 cm (5/8") Arbor Hole**



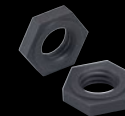
**3M™ Wheel Adapter Kit**  
PN 45038



**3M™ Mandrel 990**  
UPC 00-048011-15012-3



**3M™ Adapter Nut 5/8-11 Thread**  
PN 88765





# SAFETY

3M provides safety solutions that work as hard as you do. From the most basic to the most specialized needs, 3M offers the most effective protection available, so everyone can perform at their best.



LEARN MORE AT:  
[3MCANADA.CA/3M/EN\\_CA/  
METALWORKING-CA/SAFETY/](https://3MCANADA.CA/3M/EN_CA/METALWORKING-CA/SAFETY/)

Not a complete list. Please choose the right products for each application and exposure assessment.

## 3M OFFERS PERSONAL PROTECTIVE EQUIPMENT (PPE) TO HELP KEEP WORKERS SAFE.



### 3M™ Reusable Respirators

3M provides a full line of reusable respirators to meet the needs of any work environment. Half or full facepiece reusable respirators help protect against both particles and/or gases and vapours.



### 3M™ Ratchet Headgear H8A, with 3M™ Clear Polycarbonate Faceshield

Provides optical clarity and high-performance durability in unpredictable environments that involve exposure to impact hazards and flying debris.



### 3M™ SecureFit™ Protective Eyewear

Soft adjustable nose pads and dual injected temples help diffuse pressure over the ear to enhance frame comfort while not compromising the security of fit.



### 3M™ E-A-R™ Flexible Fit Earplugs

Soft foam tip and flexible fitting stem allows for easy insertion into the ear. Conforms to the ear canal to help block out noise. The cord keeps earplugs readily available and helps keep foam ear tips clean between uses.

PSD products are occupational use only.



 **WARNING**

These eye and face protection products help provide limited eye and face protection. Misuse or failure to follow warnings and User Instructions may result in serious potential injury, including blindness or death. For proper use, selection and applications against flying particles, optical radiation and/or splash, see supervisor, read User Instructions and warnings on the package, or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4114.

 **WARNING**

The hearing protectors help reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury.** For correct use, consult the supervisor and User Instructions, or call 3M PSD Technical Service in the USA at 1-800-665-2942 or in Canada at 1-800-267-4414.



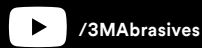
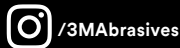
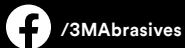
**WARNING**

These respirators help reduce exposures to certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in injury, illness or death. For correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in Canada at 1-800-267-4414.

 **WARNING**

U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the package due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations or guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

**SCOTCH-BRITE™ BRAND PROVIDES AN EXPERIENCE YOU CAN  
RECOGNIZE, FEEL AND TRUST — CONSISTENTLY DELIVERING THE CUT  
AND FINISH EVERYONE DESERVES TO **GET THE JOB DONE RIGHT.****



**3M Abrasive Systems Division**  
**3M Canada**  
P.O. Box 5757  
London, ON N6A 4T1

3M Canada PSD Tech Service:  
1-800-267-4414  
[3M.ca/Safety](http://3M.ca/Safety)

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