



FINISHING STRONG
Scotch-Brite
BRAND
SINCE
1958

SCOTCH-BRITE™ APPLICATION GUIDE





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3M SCIENCE. APPLIED TO LIFE.™

OUR VISION

- ▶ 3M technologies strengthen every company.
- ▶ 3M products enrich every home.
- ▶ 3M innovations make every life easier.

Did you know that you come into contact with a 3M product at least 17 times every day? We make your life easier every day with over 50,000 different products for the electrical, electronics & telecommunications, industry & safety, graphics & advertising, medicine & health, office & household sectors. We offer tailor-made solutions, operate a worldwide network and also employ countless experts in research and development. Together with our customers we identify new tasks, strengthen every company and enrich every home. Offering solutions to aid in environmental protection, corporate and social responsibility as well as economic development, we make an active contribution to sustainable development. We are driven to make life easier and better for all. That's why we are so passionate about innovation, research and development.

This is 3M Science. Applied to Life™.

SUSTAINABILITY

Our sustainable approach to the environment defines our corporate strategy. That is why we conserve natural resources and encourage individuals, groups and communities around the world to drive progress.

We combine economic efficiency, environmental protection and social responsibility as we face global challenges.

We pursue a common goal together: to improve the life of every single person. We are determined to make our business, our planet and the lives of all people better. This is a task whose ambition is equal to its importance. It means doing the right thing. That's what lies at the core of our business.

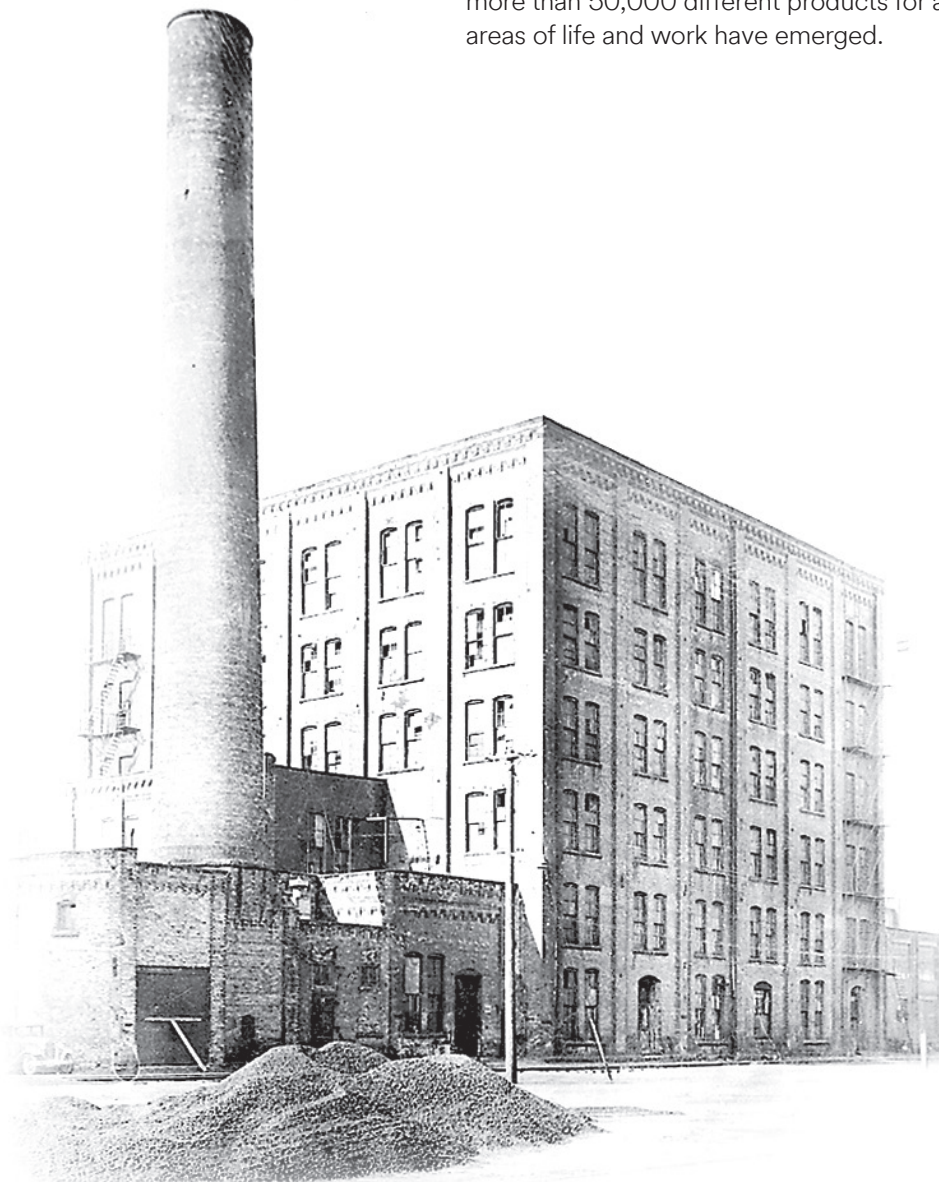
SOMETIMES AN IDEA CHANGES THE WORLD.

When five highly motivated young men got together in 1902 to found the Minnesota Mining & Manufacturing Company, there was little sign of things to come. But just two years later, the development of the first sandpaper formed the basis for all later innovations.

After the turbulent early years, they succeeded in creating the first waterproof sandpaper in 1921, setting the course for global success.

The now more than 90,000 3M employees around the world rely on a repository of experience and a corporate culture that has developed in over a century of doing business. Values such as inventiveness and consistently improving on ideas until they are ready for the market are as relevant today as they were at the beginning of the 3M success story.

In over a hundred years, more than 46 technology platforms have been established from which to date more than 50,000 different products for almost all areas of life and work have emerged.



THE SUCCESS STORY OF SCOTCH-BRITE™ NON-WOVEN TECHNOLOGY.

Synthetic fibres

Synthetic resin



Abrasives

Developed in-house, our Scotch-Brite™ web combines synthetic fibres and abrasive grains in a three-dimensional way to produce an adaptable non-woven material. The open product structure prevents the abrasive from clogging and warping and avoids the discolouration of the workpiece. Likewise better surface condition and longer product life are also achieved.

Fresh abrasive is continuously exposed during the grinding process. This results in a very even surface. If critical tolerances are adhered to, there is no undercutting of the workpiece.



SCOTCH-BRITE™ NON-WOVEN PRODUCTS:

- ▶ The geometry of the workpiece is not affected.
- ▶ The corrosion resistance of surfaces is increased through deburring.
- ▶ Surface roughness is reduced quickly and efficiently.
- ▶ A uniform, replicable surface appearance is achieved.
- ▶ No clogging thanks to the open structure.
- ▶ Cool grinding without deformation or discolouration.
- ▶ No secondary burr produced during deburring.
- ▶ Long service life with consistently good results.

Scotch-Brite™ products have been making make difficult work easier for over 60 years.

Countless Scotch-Brite™ non-woven products have played an indispensable role in private households, in the commercial sector and, above all, in industrial applications since 1958. We will continue to offer excellent products for your individual requirements long into the future.



COMPARATIVE FINENESS

	Visual grain comparison	Scotch-Brite™ hand pads and rolls	Scotch-Brite™ molded wheels and brushes	Scotch-Brite™ belts	Scotch-Brite™ discs/wheels	Visual grain comparison	
Abrasive grinding	P24					P24	
	P30					P30	
	P36					P36	
	P40					P40	
	P50					P50	
	P60					P60	
	P80					coarse super duty	P80
	P100					SE coarse	P100
	P120					coarse heavy duty	P120
Finishing	P150			coarse	coarse	P150	
	P180		extra coarse				P180
	P220				medium	medium	P220
	P240	coarse	coarse				
	P280					fine	fine
	P320	medium	medium				
	P360						
	P400	fine		very fine		P400	
P500					P500		
Polishing	P600	very fine	fine	super fine	very fine	P600	
	P800						
	P1000	super fine				P1000	
	P1200					P1200	
	P1500	ultra fine	very fine		super fine	P1500	
	P2000		super fine			P2000	
	P2500	extra fine	ultra fine			P2500	



LIST OF ABBREVIATIONS

All Scotch-Brite™ product names consist of abbreviations

The first two letters indicate the type of non-woven material (which determines the abrasive effect).

The last two letters indicate the grinding wheel (which determines the machine type).

Scotch-Brite™ Naming			
Web type (determines the grinding effect)			
AL	Surface Conditioning Anti Loading	LD	Light Deburring
BB	Bristle Brush	LGB	Light Grinding & Blending
BD	Bristle Disc	MF	Metal finishing
BF	Blend & Finish	MU	Multi Finishing
C1	Clean & Strip, 1 disc on a shaft	MS	Polishing (Type T)
C2	Clean & Strip, 2 discs on a shaft	MX	Multiflex
C5	Cut & Polish, 5 discs on a shaft	PD	PD Surface Conditioning
CB	Combi Brush	PF	Polishing Flap
CF	Clean & Finish	PO	Clean & Finish Pro
CG	Clean & Strip General Purpose	PR	Clean & Finish
CP	Cut & Polish	RC	Rapid Cut
CR	Coating Removal	RB	Radial Bristle
CS	Clean & Strip	RD	Roloc™ Bristle Disc
CX	Coating Removal Extra	RO	Random Orbital Disc
DB	Deburring	SC	Surface Conditioning
DF	Durable Flex	SE	Surface Conditioning Strong Edge
DL	DLO wheel	SF	Surface Finishing
DP	Deburr & Finish Pro	SL	Surface Conditioning Long Life
EP	EXL Pro	ST	SST (stainless steel)
EX	EXL Pro (Precision Pressing)	TP	Tack pad
EXL	EXL General Deburring soft	WR	Wear resistant
EX2	EXL General Deburring medium	WW	Woodworking
EX3	EXL General Deburring hard	X2	EX2
FF	Flexible flap	X3	EX3
FN	Finish	XL	EXL
GB	LGB - Light Grinding & Blending	XP	EXL-XP
GP	Clean & Finish General Purpose	XR	Molded Wheel (DLO)
HS	High strength	XT	Clean & Strip Extra
Hx	Clean & Strip Extra, x discs on a shaft	XT Pro	Clean & Strip Pro

Scotch-Brite™ Naming			
Grinding wheel (determines machine type)			
BC	Belt, cloth backed	HA	Disc, Hookit™
BF	Belt, film backed	HP	Hand pad
BL	Belt, low stretch	MB	Mini brush
BS	Belt, scrim backed	MP	Mounted Points
CB	Cleaning Brush	RD	Rigid Disc, fibre glass backing
DB	Disc, fibre backing	RL	Roll
DC	Disc centre hole	RW	Rim wheel
DH	Disc, Hook & Loop	SH	Sheet
DR	Disc, Roloc™	SL	Sponge
FB	Flap Brush	SR	Sheet, perforated
FD	Fibre Pad Disc	TN	Disc, Thread Nut
		UB	Unitised block
		UC	Unitised Cup Wheel
		UD	Unitised Disc
		UR	Unitised Wheel, Roloc™+
		UW	Unitised wheel
		WL	Convolute wheel
		WM	Molded wheel
		WP	Wheel Plate, mounted
		ZB	Bristle
		ZR	Roloc™+
		ZS	Shaft, mounted

HAND PADS AND NON-WOVEN ROLLS

Scotch-Brite™ hand pads and non-woven rolls are ideal for hand applications or for use on slides. Various materials are available in individual dimensions for a wide range of applications. Finishing, cleaning or deburring metals are just some of the jobs that can be done quickly and efficiently with these products.

Versatility

Multiflex S ultra fine	Durable flex S ultra fine	Multiflex A very fine	Durable Flex A very fine
MX	DF	MX	DF

←
Less aggressive/finer finish
More aggressive/coarser finish
→

7445	7448	7448 PRO	7447	7447 PRO	7446	7440
Clean & Finish Type T	Clean & Finish S ultra fine	Clean & Finish PRO S ultra fine	Clean & Finish A very fine	Clean & Finish PRO A very fine	Clean & Finish A medium	Cut & Polish A medium



SURFACE CONDITIONING DISCS

Scotch-Brite™ surface conditioning discs are available in various designs for a wide range of applications. Thanks to their long service life, even finish and cool polish, Scotch-Brite™ surface conditioning discs are the best solution for all types of surface conditioning. Thanks to the hook and loop backing, discs can be changed quickly and easily. All discs can be used on angle grinders.

	<ul style="list-style-type: none"> ▶ Durable on flat workpieces and soft sub-strates thanks to minimal clogging 	<ul style="list-style-type: none"> ▶ The all-rounders ▶ Versatile in use 	<ul style="list-style-type: none"> ▶ Long service life even on edges and with high requirements
<p>Height Aggressiveness</p> <p>↑</p> <p>↓</p> <p>Fine finish</p>	<ul style="list-style-type: none"> AL coarse AL medium AL very fine 	<ul style="list-style-type: none"> SC coarse SC medium SC very fine 	<ul style="list-style-type: none"> GB super duty GB heavy duty SE coarse SE medium SE fine



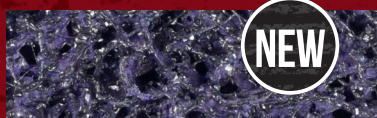
Product overview

CLEAN AND STRIP DISCS

Scotch-Brite™ clean and strip discs are the best choice for cleaning heavily soiled surfaces and removing discolouration, old coatings or paints. The products are durable, resilient and free of corrosion-causing components and are available in many variants.

THE PERFECT CLEAN AND STRIP DISC FOR EVERY APPLICATION

Scotch-Brite™ coarse cleaning material "Clean & Strip Extra" XT Pro



The sharp silicon carbide mineral and the advanced non-woven material ensure a resilient disc that will not damage the metal.

- ▶ Perfect for cleaning work
- ▶ Removal of rust, thin layers of paint and light mill scale

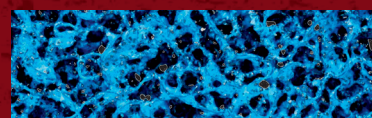
Scotch-Brite™ coarse cleaning material "Clean & Strip Extra" XT Pro Extra Cut



The hard aluminium oxide mineral and the advanced non-woven material produce a resilient disc that quickly exposes the bare metal.

- ▶ Powerful removal of rust and rust stains without scoring
- ▶ Removal of thick paint layers and coatings
- ▶ Fast blending, exposure and refinement of the bare metal

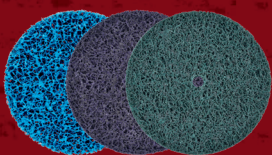
Scotch-Brite™ "Clean & Strip General Purpose" CG coarse cleaning material



For universal cleaning applications.

DIFFERENT FORMS OF CLEAN AND STRIP DISCS

Die grinder

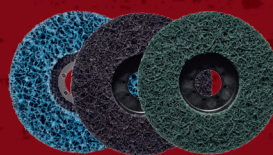


Scotch-Brite™ Clean and Strip Discs CG / XT-DC can be used radially on die grinders.

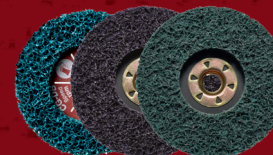


Scotch-Brite™ Clean and Strip Discs CG / XT-ZS have an integrated 6 mm shaft and can be used without additional accessories.

Angle grinder



Scotch-Brite™ Clean and Strip Discs CG / XT-RD can be used directly without any additional accessories thanks to the integrated fibre backing.



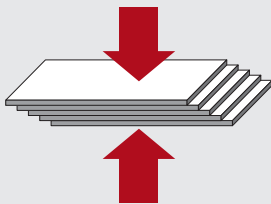
Scotch-Brite™ Clean and Strip Discs CG / XT-DB have an integrated vulcanised fibre backing and can be used with the help of a disc pad on the angle grinder.

INTERNAL ANGLE DISCS AND MOLDED WHEELS

Scotch-Brite™ unitised wheels are available in unitised or convolute form. By combining different dimensions, degrees of fineness and hardness, we offer a wide range of product solutions for many applications in the metal industry.

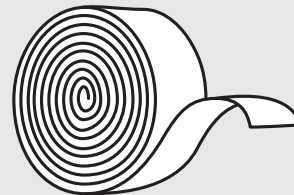
Unitised wheels

Several layers of the Scotch-Brite™ non-woven material are unitised to form a solid block. This is then processed in various forms.



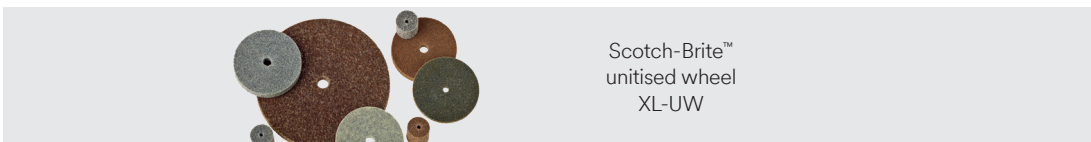
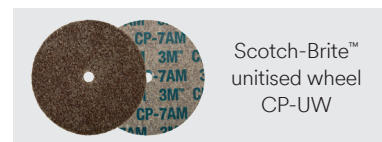
Convolute wheels

Scotch-Brite™ non-woven web with resin is wound around a fibreglass core.

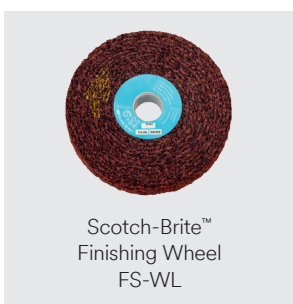
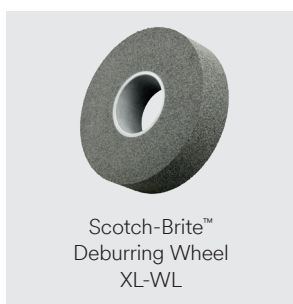


FROM HEAVY DEBURRING TO THE BEST FINISH

Unitised wheels



Convolute wheels



FINISHING BRUSHES

Scotch-Brite™ glazed finishing brushes consist of individual segments that are anchored radially to the axis at the core or are cast with a mount. Due to the different designs, the brushes can be used on automatic systems and bench grinders but can also be used on various hand-held tools.

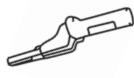
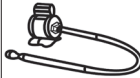
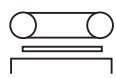





THE RIGHT BRUSH FOR EVERY CHALLENGE



<p>Large</p>	 <p>Scotch-Brite™ Cut & Polish Flap Brush CP-FB</p>	 <p>Scotch-Brite™ Clean & Finish Flap Brush CF-FB</p>		
<p>Mini</p>	 <p>Scotch-Brite™ Mini Brush CP-MB</p>	 <p>Scotch-Brite™ Mini Brush CF-MB</p>		
<p>With shaft</p>	 <p>Scotch-Brite™ Flap Brush PF-ZS</p>	 <p>Scotch-Brite™ Flap Brush CB-ZS</p>	 <p>Scotch-Brite™ Flap Brush FF-ZS</p>	
<p>Roloc™</p>	 <p>Scotch-Brite™ Roloc™ Flap Brush PF-ZR</p>	 <p>Scotch-Brite™ Roloc™ Flap Brush CB-ZR</p>	 <p>Scotch-Brite™ Roloc™ Flap Brush FF-ZR</p>	 <p>Scotch-Brite™ Roloc™ Flap Brush MS-ZR</p>

NON-WOVEN BELTS

Scotch-Brite™ non-woven belts are ideal for finishing and deburring work. Different backing pads, degrees of fineness and dimensions enable a wide range of applications on almost all machines. In the following section you will find a selection of our product portfolio.

FEPA Grit	Finish	Belt file	Flexible rotor	Long band machine	Backstand grinder	Match and finish sander	Centreless / cylindrical	Broadband machine
								
150	Rough, matt  Fine, matt	SC-BS, DF-BL A crs	SC-BS, DF-BL A crs	SC-BF A crs	SC-BL, DF-BL A crs	SC-BS, SC-BF A crs	SC-BL, DF-BL A crs	SE material, A med SC-BL, A crs
180-220		SC-BS, DF-BL A med	SC-BS, DF-BL A med	SC-BF A med	SC-BL, DF-BL A med	SC-BS, SC-BF A med	SC-BL, DF-BL A med	SE material, A fin SC-BL, A med
280-320		DF-BL A fine	DF-BL A fine		DF-BL A fine		DF-BL A fine	
360-400		SC-BS A vfn	SC-BS A vfn	SC-BF A vfn	SC-BL A vfn	SC-BS, SC-BF A vfn	SC-BL A vfn	SC-BL A vfn
600-800		SC-BS S sfn	SC-BS S sfn		SC-BL S sfn	SC-BS, SC-BF S sfn	SC-BL S sfn	SC-BL S sfn



WHAT ARE SCOTCH-BRITE™ BRISTLE PRODUCTS?

PRODUCT PROPERTIES

Scotch-Brite™ bristle discs and brushes offer a high degree of flexibility and disc life. The plastic-bonded high-performance abrasive mineral is a guarantee for the best grinding results. The unique construction also adapts to heavily profiled contours, does not clog and guarantees a consistent finish.

Unlike wire brushes, individual wires cannot come loose, endangering the user. For cleaning, blending, deburring and polishing, Scotch-Brite™ bristle products offer the highest level of work safety, flexibility and service life.

UNIQUE CONSTRUCTION

In all plastic brushes, the abrasive particles are extruded together with plastic to form individual radial segments or brush discs.

For grit sizes from P36 to P120, a mixture of ceramic grain and aluminium oxide is used, but only aluminium oxide in finer grit sizes.

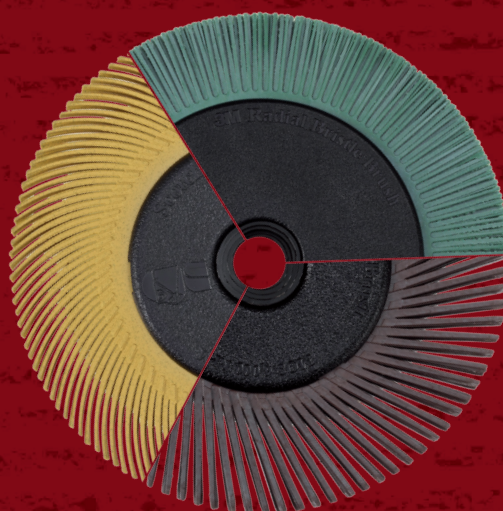
BRISTLE SHAPES

Grade C

- ▶ Most flexible variant with C-shaped bristles
- ▶ Note the direction of the grain

Benefit:

Soft and conformable, for applications even in areas that are difficult to access and on geometrically detailed workpieces.



Grade S

- ▶ Bristles aligned with the centre
- ▶ Non-directional

Benefit:

Very stable and aggressive.

Grade A

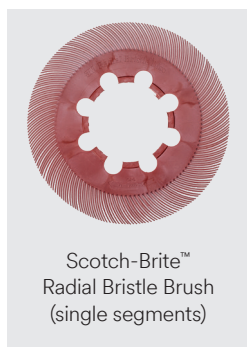
- ▶ Stable, oblique bristle shape
- ▶ Note the direction of the grain

Benefit:

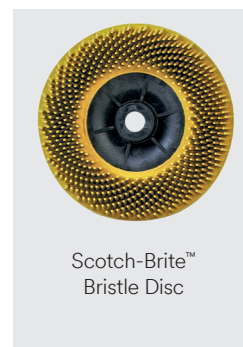
Aggressive and robust.

DIFFERENT TYPES OF BRISTLE PRODUCTS

Die grinder



Angle grinder



3M™ Roloc™ Angle grinder



GRADE COMPARED TO FEPA GRAIN SIZES

Grit ▶		P36	P50	P80	P120	P220	P400	6 mic	1 mic
Colour ▶									
Product									
BB-ZB		•	•	•	•	•	•	•	•
BB-ZS				•	•	•			
RB-ZB			•	•	•	•	•	•	•
BD-ZB			•	•	•				
RD-ZB		•	•	•	•				

Scotch-Brite™ Bristle products are colour-coded so that the user can easily identify the respective grit size.

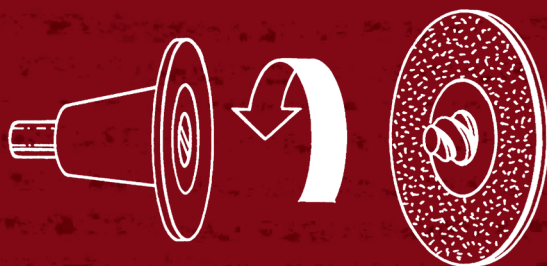
3M™ ROLOC™ QUICK RELEASE SYSTEM

The user-friendly 3M™ Roloc™ quick release system enables different products or grit sizes to be changed quickly with a simple rotary movement.

The quick change reduces downtime and is particularly advantageous in multi-stage work processes. FEPA mineral grades are colour-coded for easier handling. The combination of this system with 3M™ Roloc™ angle grinders or die grinders ensures safe processes and the best results.

3M™ ROLOC™ QUICK RELEASE SYSTEM

- ▶ 3M™ Roloc™ discs are applied flat.
- ▶ Available in a wide variety of versions from grinding to finishing, deburring and cleaning.
- ▶ The 3M™ Roloc™ abrasive disc pad ensures secure attachment when changing abrasives or products quickly.
- ▶ Colour-coded attachment for easy determination of abrasive grit.



Schematic representation of the 3M™ Roloc™ quick release system

3M™ ROLOC™+ QUICK RELEASE SYSTEM

- ▶ 3M™ Roloc™+ washers / brushes are designed for edge use and have a longer shaft to increase strength.
- ▶ Suitable for finishing, deburring and cleaning.
- ▶ The plastic tabs ensure secure attachment when changing abrasives or products quickly.



Schematic representation of the 3M™ Roloc™+ quick release system

GRIT AND COLOUR CODING

3M™ Roloc™ abrasive discs are colour-coded so that the user can easily identify the respective mineral grade.

Degree of fineness	Colour	
P24	Black	
P36	Brown	
P40	Red	
P50	Green	
P60	Orange	
P80	Yellow	
P100	Blue	
P120	White	
P150	Black	
P180	Brown	
P240	Green	





SURFACE CONDITIONING

SURFACE CONDITIONING

Depending on the task in hand, the result of a surface treatment should feel good, look good or be the prerequisite for an additional technical follow - up process.



EXPERT TIP

There is no such thing as a generally good surface finish. A finish or defined surface is always an individual result specified by the user. This can be a visual, textured or technical surface.

SURFACE CONDITIONING FINISHING



Finishing means creating a uniform, matt surface with a so-called "finish pattern"



EXPERT TIP

Scotch-Brite™ products create a consistent surface "finish pattern".

ROUGHNESS COMPARISON (Reference values)

3M abrasive fleece

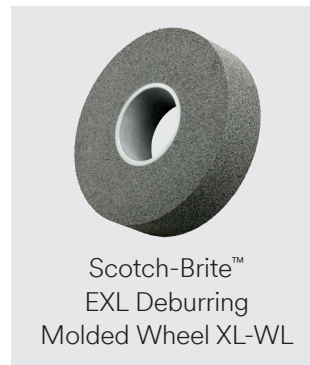
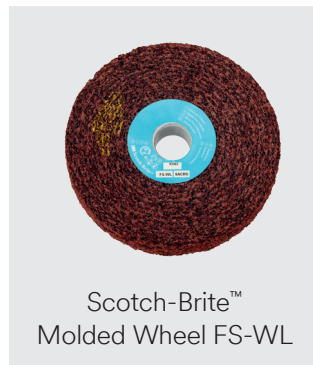
	Structural steel	Aluminium	Stainless steel
Product	Ra (µm)	Ra (µm)	Ra (µm)
SC sfn	0.10 – 0.15	0.20 – 0.30	0.08 – 0.12
SC vfn	0.20 – 0.25	0.40 – 0.50	0.15 – 0.20
SC med	0.50 – 0.65	1.40 – 1.55	0.35 – 0.45
SC crs	0.75 – 0.90	1.90 – 2.00	0.50 – 0.65
SL hd	1.00 – 1.15	2.40 – 2.55	0.75 – 1.00
GB hd	1.25 – 1.40	2.80 – 3.00	0.90 – 1.25
SL sd	1.90 – 2.00	4.00 – 4.20	1.30 – 1.90
GB sd	2.00 – 2.15	4.00 – 4.20	1.50 – 2.00

Depending on the substrate and process conditions, different roughness values can be achieved.

1.1 CONVOLUTE WHEELS

- ▶ Can be adapted to the workpiece by dressing
- ▶ Due to the variety of hardnesses and degrees of fineness, they can be adapted to the requirements of every surface
- ▶ Long service life and constant, replicable surface and cutting ability
- ▶ CP: Suitable for fine finishing work due to its medium degree of hardness, creates low surface roughness
- ▶ FS: Creates a distinctive finish pattern
- ▶ XL: Produces a consistent, replicable finish

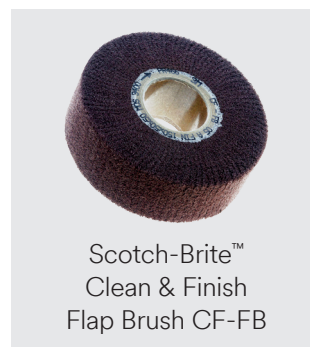
Note the direction of the grain!



1.2 FINISHING BRUSHES

- ▶ For easy removal with a good finish
- ▶ Due to its adaptability, it is suitable for areas that are difficult to reach
- ▶ Available in many different versions
- ▶ CB: Combination wheel made of non-woven fibres and abrasives on a pad
- ▶ FF and PF: Consistent finish without changing the workpiece geometry

Large



Mini



With shaft



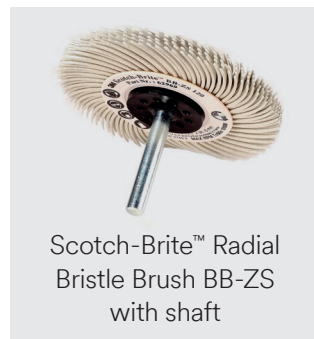
Roloc™



1.3 BRISTLE PRODUCTS

- ▶ Very flexible adaptation to the workpiece
- ▶ Also suitable for finishing work in hard to reach areas
- ▶ In a variation of individual segments also available as a pre-assembled brush or with a shaft
- ▶ Increased user safety
- ▶ BB-ZB: Available in all bristle forms → the right brush for every application
- ▶ BB-ZS: In bristle form C → particularly flexible for difficult and challenging workpieces

Note the direction of grain for Grades A & C!



1.4 NON-WOVEN BELTS



Everything you have come to expect from Scotch-Brite™ belts.

Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications



- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discolouration
- ▶ Cleans surfaces quickly and efficiently



- ▶ Stable nylon non-woven web enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



- ▶ Ideally suited to surface correction and improvement
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life

SURFACE CONDITIONING LEVELLING



Ideally suited to surface correction and improvement. Deburrs without undercutting and creates a rounded edge.

EXPERT TIP



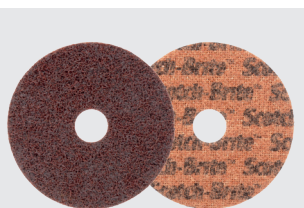
Scotch-Brite™ non-woven products are suitable for levelling seam surfaces and can carry out numerous process steps such as levelling and creating a defined surface at the same time.

2.1 SURFACE CONDITIONING DISCS

- ▶ GB/SE: Edge-stable disc for light removal work
- ▶ SC: The all-rounder
- ▶ Roloc™ variants: Rounding and aligning pipe weld seams at a 90° angle

Can only be used with a suitable back up pad

Normal



Scotch-Brite™
Anti Loading Surface
Conditioning Disc AL-DH



Scotch-Brite™
Surface Conditioning Disc
SC-DH



Scotch-Brite™
Strong Edge Surface
Conditioning Disc SE-DH



Scotch-Brite™ Light
Grinding & Blending
Surface Conditioning
Disc GB-DH

Roloc™



Scotch-Brite™ Roloc™
Anti Loading Surface
Conditioning Disc AL-DR



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



Scotch-Brite™ Roloc™
Strong Edge Surface
Conditioning Disc SE-DR



Scotch-Brite™ Roloc™ Light
Grinding & Blending
Surface Conditioning
Disc GB-DR

2.2 UNITISED INTERNAL ANGLE AND MOLDED WHEELS

- ▶ Precision-shaped ceramic grain in combination with non-woven web
- ▶ Removal and simultaneous first finish in a single step

Suitable for light removal work, depending on the degree of fineness and hardness. All unitised wheels should be aligned. The direction of grain must be observed with convolute wheels!

Normal



Scotch-Brite™ Internal Angle Disc RC-UW



Scotch-Brite™ Rapid Cut Molded Wheel RC-UW

Roloc™



Scotch-Brite™ Rapid Cut Roloc(TM) Discs RC-UR

2.3 NON-WOVEN BELTS



Scotch-Brite™ Durable Flex Non-Woven Belt DF-BL



Scotch-Brite™ Non-woven Belt Scrim Backed SC-BS



Scotch-Brite™ Non-Woven Belt Low Stretch SC-BL



Scotch-Brite™ Non-Woven Belt Film Backed SC-BF

Everything you have come to expect from Scotch-Brite™ belts. Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications
- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discolouration
- ▶ Cleans surfaces quickly and efficiently
- ▶ Stable non-woven web creates a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life
- ▶ Ideally suited to surface correction and improvement
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life

SURFACE CONDITIONING BLENDING



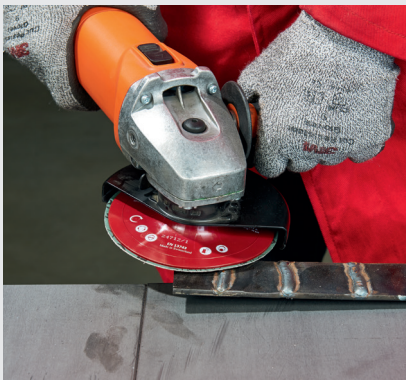
EXPERT TIP

Scotch-Brite™ products do not change the geometry of the workpiece, but effectively remove grinding grooves and avoid creating unwanted surface burr.

When blending, you want to remove or bend in coarser sanding marks from previous process steps.

APPLICATION EXAMPLE: FROM THE REMOVAL OF A WELD SEAM TO A UNIFORM SURFACE

1. Process step: Remove the weld seam with 3M™ Cubitron™ II Fibre Disc 987C



2. Process step: Blend the surface with the Scotch-Brite™ Surface Conditioning Disc SC-DH



3.1 UNITISED WHEELS

- ▶ Precision-shaped ceramic grain in combination with non-woven web
- ▶ Removal and simultaneous first finish in a single step

Suitable for light removal work, depending on the degree of fineness and hardness. All Unitised Wheels should be aligned. The direction of grain must be observed with convolute wheels!

Normal



Roloc™



3.2 NON-WOVEN BELTS



Everything you have come to expect from Scotch-Brite™ belts. Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications



- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discoloration
- ▶ Cleans surfaces quickly and efficiently



- ▶ Stable non-woven web enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



- ▶ Ideally suited to surface correction and improvement
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



Surface
conditioning



CLEANING

CLEANING

Cleaning involves the removal of a layer from a base material that you want to keep or leave unchanged.

Example: Removal of rust, paint, scale or rust discoloration.



EXPERT TIP

Just remove as much as necessary and as much as possible. Choose the product that will only remove the unwanted layer or coating, but does not change the geometry of the workpiece.

CLEANING LIGHT SCALE REMOVAL

Scales are very thin layers of very hard oxide and carbide ceramics. It is not possible to apply technically perfect welds to layers of scale.

3M

EXPERT TIP



On these layers, conventional abrasives, such as fibre discs and flap discs, often cause wear. Scotch-Brite™ Clean and Strip discs are a better choice here. The integrated silicon carbide material breaks the thin ceramic layer, while the rotating movement of the disc removes the abrasion. As a rule, the abrasive does not penetrate the base material.

APPLICATION EXAMPLE: REMOVAL OF LAYERS OF SCALE WITH A SCOTCH-BRITE™ ROLOC™ CLEAN AND STRIP DISC

Scotch-Brite™ Clean and Strip Discs allow light layers of scale to be removed with ease. This makes them the ideal cleaning product for this type of application.

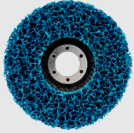


1.1 CLEAN AND STRIP DISCS

Scotch-Brite™ Clean and Strip Discs remove layers of scale without penetrating the base material.

- ▶ Non-woven nylon web with an open structure
- ▶ High occupational safety and productivity
- ▶ Available in different product forms
- ▶ CG: Flexible variant
- ▶ XT Pro: with silicon carbide, perfect for cleaning work
- ▶ XT Pro Extra Cut: particularly resilient thanks to the aluminium oxide

Normal



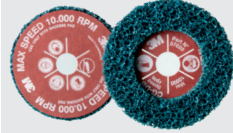
Scotch-Brite™
Clean and Strip Disc
CG-RD



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



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



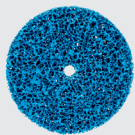
Scotch-Brite™
Clean and Strip Disc
CG-DB



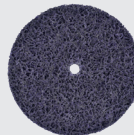
Scotch-Brite™ Clean
and Strip Disc
XT-DB Pro



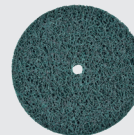
Scotch-Brite™ Clean
and Strip Disc XT-DB
Pro Extra Cut



Scotch-Brite™
Clean and Strip Disc
CG-DC

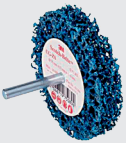


Scotch-Brite™
Clean and Strip Disc
XT-DC Pro



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

With shaft



Scotch-Brite™
Clean and Strip Disc
CG-ZS



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



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

Roloc™



Scotch-Brite™
Roloc™+ Clean
and Strip Disc
CG-ZR



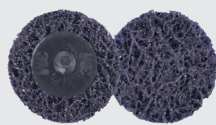
Scotch-Brite™
Roloc™+ Clean
and Strip Disc
XT-ZR Pro



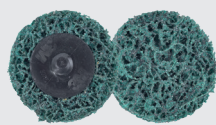
Scotch-Brite™
Roloc™+ Clean
and Strip Disc XT-ZR
Pro Extra Cut



Scotch-Brite™
Roloc™+ Clean
and Strip Disc CR-DR



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



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

CLEANING OXIDE REMOVAL



EXPERT TIP

Corrosion results from the reaction of metals with oxygen at the surface. Unwanted corrosion must be removed in order to allow subsequent coatings, paintwork or welding.

The wide range of Scotch-Brite™ products means there is a solution for every form of corrosion. The product should be selected depending on the severity of the corrosion so as not to damage the workpiece.

FROM RUST FILM TO HEAVY RUST

Rust film	Light rust	Rust	Heavy rust
Scotch-Brite™ 7447 PRO	Scotch-Brite™ SC-DH	Scotch-Brite™ GB-DH	Scotch-Brite™ CG-RD, XT-RD Pro and XT-RD Pro Extra Cut
Scotch-Brite™ Durable Flex Hand Pad MX-HP	Scotch-Brite™ Radial Bristle Brush BB-ZB		
	Scotch-Brite™ Bristle Disc BD-ZB		

2.1 HAND PADS

- ▶ Hand pads come in many different versions
- ▶ Suitable for removing rust film
- ▶ The appropriate hand pad can be selected, depending on the level of rust
- ▶ Also available in rolls

Normal



Scotch-Brite™ Hand Pad 7447 | 7448 PRO



Scotch-Brite™ Durable Flex Hand Pad MX-HP

2.2 SURFACE CONDITIONING DISCS

- ▶ Can be selected according to the required flexibility
- ▶ Any surface burr is smoothed away
- ▶ Achieves a good finish
- ▶ SC: The most flexible, least surface roughness
- ▶ GB: Extremely stable, for light removal work
- ▶ Remove rust and surface adhesions and establish an initial finish

Can only be used with a suitable back up pad!

Normal



Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc GB-DH



Scotch-Brite™ Strong Edge Surface Conditioning Disc SE-DH

Roloc™



Scotch-Brite™ Roloc™ Light Grinding & Blending Surface Conditioning Disc GB-DR



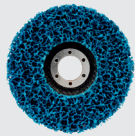
Scotch-Brite™ Roloc™ Strong Edge Surface Conditioning Disc SE-DR

2.3 CLEAN AND STRIP DISCS

Scotch-Brite™ Clean and Strip Discs are the first choice for severe corrosion.

- ▶ Non-woven nylon web with an open structure
- ▶ High occupational safety and productivity
- ▶ Available in different product forms
- ▶ CG: Flexible variant
- ▶ XT Pro: with silicon carbide, perfect for cleaning work
- ▶ XT Pro Extra Cut: particularly resilient thanks to the aluminium oxide

Normal



Scotch-Brite™
Clean and Strip Disc
CG-RD



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



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



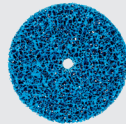
Scotch-Brite™
Clean and Strip Disc
CG-DB



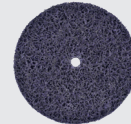
Scotch-Brite™ Clean
and Strip Disc
XT-DB Pro



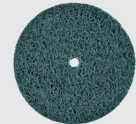
Scotch-Brite™ Clean
and Strip Disc XT-DB
Pro Extra Cut



Scotch-Brite™
Clean and Strip Disc
CG-DC

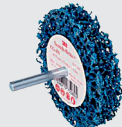


Scotch-Brite™
Clean and Strip Disc
XT-DC Pro



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

With shaft



Scotch-Brite™
Clean and Strip Disc
CG-ZS

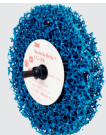


Scotch-Brite™ Clean
and Strip Disc
XT-ZS Pro



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

Roloc™



Scotch-Brite™
Roloc™+ Clean
and Strip Disc
CG-ZR



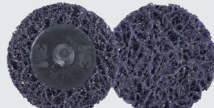
Scotch-Brite™
Roloc™+ Clean
and Strip Disc
XT-ZR Pro



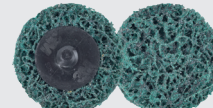
Scotch-Brite™
Roloc™+ Clean
and Strip Disc XT-ZR
Pro Extra Cut



Scotch-Brite™
Roloc™+ Clean
and Strip Disc
CR-DR



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



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

2.4 BRISTLE PRODUCTS

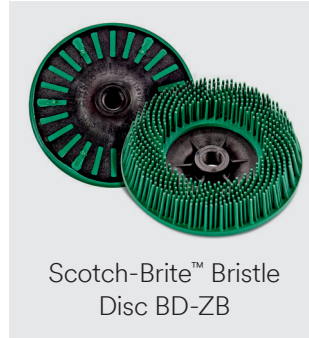
- ▶ Very flexible adaptation to the workpiece
- ▶ In a variation of individual segments, as a pre-assembled brush or with a shaft
- ▶ Increased user safety
- ▶ Also suitable for finishing cavities

Note the direction of grain for Grades A & C!

Normal



Scotch-Brite™ Radial Bristle Brush BB-ZB



Scotch-Brite™ Bristle Disc BD-ZB

2.5 NON-WOVEN BELTS



Scotch-Brite™ Durable Flex Non-Woven Belt DF-BL



Scotch-Brite™ Non-woven Belt Scrim Backed SC-BS



Scotch-Brite™ Non-Woven Belt Low Stretch SC-BL



Scotch-Brite™ Non-Woven Belt Film Backed SC-BF

Everything you have come to expect from Scotch-Brite™ belts. Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications
- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discolouration
- ▶ Cleans surfaces quickly and efficiently
- ▶ Stable non-woven web enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life
- ▶ Ideally suited to surface correction and improvement
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life

CLEANING DISCOLOURATION REMOVAL



EXPERT TIP

For perfect results, the cleaning product should be selected with the geometry and work requirements in mind. The Scotch-Brite™ range includes a variety of cleaning products.

Discolouration results from temperature-related surface changes caused by welding or machining processes. Discolouration is removed for "cosmetic reasons".

3.1 HAND PADS

- ▶ Hand pads come in many different versions
- ▶ The appropriate hand pad can be selected according to severity
- ▶ Also available in rolls

Normal

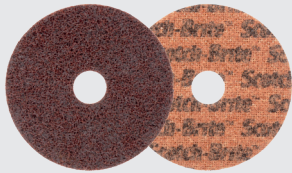


3.2 SURFACE CONDITIONING DISCS

- ▶ Can be selected according to the required flexibility
- ▶ Any surface burr is smoothed away
- ▶ Achieves a good finish
- ▶ Remove rust and surface adhesions and establish an initial finish
- ▶ SC: The most flexible, least surface roughness
- ▶ GB: Extremely stable, for light removal work
- ▶ SE: for moderate applications

Can only be used with a suitable back up pad

Normal



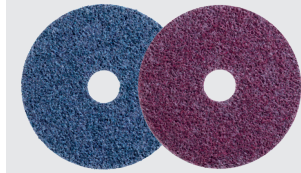
Scotch-Brite™
Anti Loading Surface
Conditioning Disc AL-DH



Scotch-Brite™
Surface Conditioning
Disc SC-DH



Scotch-Brite™
Strong Edge Surface
Conditioning Disc SE-DH



Scotch-Brite™ Light
Grinding & Blending
Surface Conditioning
Disc GB-DH

Roloc™



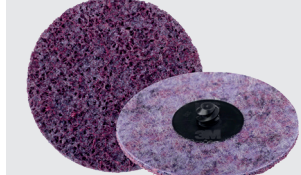
Scotch-Brite™ Roloc™
Anti Loading Surface
Conditioning Disc AL-DR



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



Scotch-Brite™ Roloc™
Strong Edge Surface
Conditioning Disc SE-DR



Scotch-Brite™ Roloc™ Light
Grinding & Blending
Surface Conditioning
Disc GB-DR

3.3 BRISTLE PRODUCTS

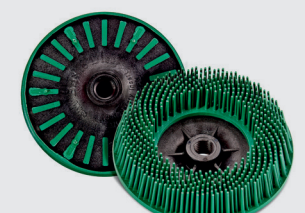
- ▶ Very flexible adaptation to the workpiece
- ▶ Also suitable for finishing cavities
- ▶ In a variation of individual segments, as a pre-assembled brush or with a shaft
- ▶ Increased user safety

Note the direction of grain for Grades A & C!

Normal

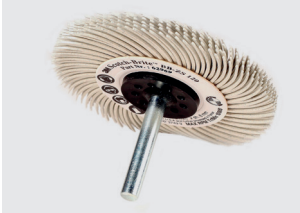


Scotch-Brite™ Radial
Bristle Brush BB-ZB



Scotch-Brite™ Bristle
Disc BD-ZB

With shaft



Scotch-Brite™ Radial
Bristle Brush BB-ZS
with shaft

3.4 NON-WOVEN BELTS



Everything you have come to expect from Scotch-Brite™ belts. Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications



- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discolouration
- ▶ Cleans surfaces quickly and efficiently



- ▶ Stable non-woven web enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



- ▶ Ideally suited to surface correction and improvement
- ▶ Deburs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life

CLEANING VARNISH/PAIN REMOVAL



EXPERT TIP

The thickness of the varnish and paint layers is crucially important when choosing a suitable cleaning product in order not to damage the base material. Various products can be used from Scotch-Brite™ Hand Pads for slightly roughening surfaces, to Scotch-Brite™ Clean and Strip Discs for removing thick layers of paint.

Varnishes and paints must either be roughened or completely removed to allow for further processing. Complete removal requires significantly more material intervention and correspondingly robust grinding tools.

FROM SCUFFING TO REMOVAL

Product performance			
Scuffing			Removal
<p>Scotch-Brite™ Hand Pads 7447 PRO 7448 PRO</p>	<p>Scotch-Brite™ Surface Conditioning Discs SC-DH</p>	<p>Scotch-Brite™ Bristle Disc BD-ZB</p>	<p>Scotch-Brite™ CG-RD, XT-RD Pro and XT-RD Pro Extra Cut</p>
<p>Scotch-Brite™ Durable Flex Hand Pad MX-HP</p>			

Layer thickness

Cleaning

4.1 HAND PADS

- ▶ Hand pads come in many different versions
- ▶ The appropriate hand pad can be selected according to severity
- ▶ Also available in rolls

Normal



4.2 BRISTLE PRODUCTS

- ▶ Very flexible adaptation to the workpiece
- ▶ Also suitable for finishing cavities
- ▶ Increased user safety

Note the direction of grain for Grades A & C!

Normal

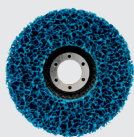


4.3 CLEAN AND STRIP DISCS

Scotch-Brite™ Clean and Strip Discs are highly recommended for particularly thick layers of varnish or paint.

- ▶ Non-woven nylon web with an open structure
- ▶ High occupational safety and productivity
- ▶ Available in different product forms
- ▶ CG: Flexible variant
- ▶ XT Pro: with silicon carbide, perfect for cleaning work
- ▶ XT Pro Extra Cut: particularly resilient thanks to the aluminium oxide

Normal



Scotch-Brite™
Clean and Strip Disc
CG-RD



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



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



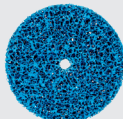
Scotch-Brite™
Clean and Strip Disc
CG-DB



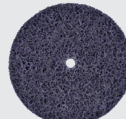
Scotch-Brite™ Clean
and Strip Disc XT-DB
Pro



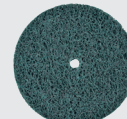
Scotch-Brite™ Clean
and Strip Disc XT-DB
Pro Extra Cut



Scotch-Brite™
Clean and Strip Disc
CG-DC

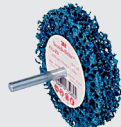


Scotch-Brite™
Clean and Strip Disc
XT-DC Pro



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

With shaft



Scotch-Brite™
Clean and Strip Disc
CG-ZS



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



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

Roloc™



Scotch-Brite™
Roloc™+ Clean
and Strip Disc
CG-ZR



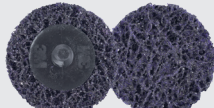
Scotch-Brite™
Roloc™+ Clean
and Strip Disc
XT-ZR Pro



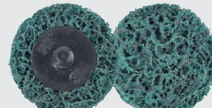
Scotch-Brite™
Roloc™+ Clean
and Strip Disc XT-ZR
Pro Extra Cut



Scotch-Brite™
Roloc™+ Clean
and Strip Disc
CR-DR



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



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



DEBURRING



DEBURRING

Burr is an undesirable side effect of a previous work process. This burr must be removed for technical, textural or visual reasons.

The best 3M product solution is determined according to the type and thickness of the burr.



EXPERT TIP

When deburring surfaces, you should always have a Scotch-Brite™ product in mind.

Processing mild steel with Scotch-Brite™ products provides better protection against the return of rust.

DEBURRING MINOR BURR



Small burrs arise, for example when punching, laser cutting or separating.



EXPERT TIP

Scotch-Brite™ products ensure burrs are perfectly removed and edges are smoothed.

1.1 SURFACE CONDITIONING DISCS

- ▶ Stable base
- ▶ Edge stability
- ▶ Smoothing sharp edges
- ▶ No new secondary burr
- ▶ Increases protection against corrosion
- ▶ First finish

Can only be used with a suitable back up pad

Normal



Scotch-Brite™ Light
Grinding & Blending
Surface Conditioning Disc
GB-DH



Scotch-Brite™ Surface
Conditioning Disc SE-DH

Roloc™



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



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

1.2 INTERNAL ANGLE DISCS AND MOULDED WHEELS

- ▶ Extreme durability
- ▶ Also suitable for areas that are difficult to access, especially for internal deburring
- ▶ Dressable and adaptable to the workpiece
- ▶ Diversity of dimensions and grains also as a mini bob for internal deburring of pipes, bores, etc.
- ▶ Compatible with a wide variety of machines

Pay attention to the direction of grain with convolute wheels.

Normal



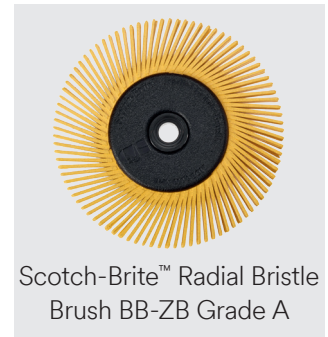
Roloc™



1.3 BRISTLE PRODUCTS

- ▶ Flexible deburring solution, adapts to the workpiece
- ▶ Long service life
- ▶ Increased user safety
- ▶ Even for areas that are difficult to reach

Normal



Scotch-Brite™ Radial Bristle Brush BB-ZB Grade A

Note the direction of grain for Grades A & C!

1.4 NON-WOVEN BELTS



Scotch-Brite™
Durable Flex Non-Woven
Belt DF-BL

Everything you have come to expect from Scotch-Brite™ belts. Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications



Scotch-Brite™
Non-Woven Belt Scrim
Backed SC-BS

- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discolouration
- ▶ Cleans surfaces quickly and efficiently



Scotch-Brite™
Non-woven Belt Low
Stretch SC-BL

- ▶ Stable nylon fibre fleece enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



Scotch-Brite™
Non-Woven Belt Film
Backed SC-BF

- ▶ Ideally suited to surface correction and improvement
- ▶ Deburs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life

DEBURRING SECONDARY BURR



Secondary burr is caused by mechanical processing such as milling, turning and grinding. These burrs are unwanted because they pose a risk of corrosion or minimize paint adhesion.



EXPERT TIP

Scotch-Brite™ products do not generate secondary burrs and help to increase corrosion resistance.

2.1 SURFACE CONDITIONING DISCS

- ▶ Can be selected according to the required flexibility
- ▶ Any surface burr is smoothed away
- ▶ Achieves a good finish
- ▶ GB: Extremely stable, for light removal work
- ▶ SE: for moderate applications

Can only be used with a suitable back up pad!

Normal



Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc GB-DH



Scotch-Brite™ Surface Conditioning Disc SE-DH

Roloc™



Scotch-Brite™ Roloc™ Light Grinding & Blending Surface Conditioning Disc GB-DR



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

2.2 UNITISED WHEELS

- ▶ Dressable and contourable

Pay attention to the direction of grain with convolute wheels.

Normal



Scotch-Brite™
Cut & Polish
Wheel CP-WL



Scotch-Brite™
Unitised Wheel Debur
& Finish Pro
DP-UW and DP-UD



Scotch-Brite™
Finishing Wheel FS-WL



Scotch-Brite™
EXL Unitised
Wheel XL-UW

Roloc™



Scotch-Brite™ Roloc™
EXL Unitised Wheel XL-UR



Scotch-Brite™ Roloc™
Unitised Wheel Debur
& Finish Pro DP-UR

2.3 NON-WOVEN BELTS



Everything you have come to expect from Scotch-Brite™ belts.

Additional benefits:

- ▶ Longer service life
- ▶ Increased cut rate
- ▶ Improved edge stability
- ▶ Considerable increase in flexibility for file belt applications



- ▶ The lattice-reinforced belt made from robust, impregnated non-woven nylon creates an even surface
- ▶ Excellent for removing rust and discoloration
- ▶ Cleans surfaces quickly and efficiently



- ▶ Stable non-woven web enables a replicable surface result thanks to homogeneous mineral distribution
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



- ▶ Ideally suited to surface correction and improvement
- ▶ Deburrs without undercutting and creates a rounded edge
- ▶ Suitable for lighter deburring work; offers consistent results over the entire service life



INDUSTRIAL SAFETY PRODUCTS



INDUSTRIAL SAFETY

Work in the metal industry is often hazardous to health. That is why it is essential to wear personal protective equipment in the various work areas. 3M offers effective products and solutions that offer users the best possible protection and make work safer.



EXPERT TIP

The use of appropriate occupational safety products give users a feeling of security, increasing their productivity and reducing the risk of longer downtimes.

1. WELDING MASKS

A lot of welding and cutting work produces dangerous radiation and welding smoke, which generally contains harmful substances. 3M welding masks provide ideal protection for the user. The 3M™ Speedglas™ automatic welding mask 9100 with safety helmet and respiratory protection sets new standards for professional use.



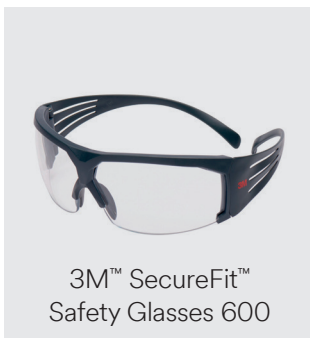
The 3M™ Speedglas™ automatic welding mask 9100 with safety helmet and respiratory protection sets new standards and is an absolute must for professional welders.

2. EYE PROTECTION

Unprotected grinding, drilling, milling and DIY can endanger eyesight. 3M safety glasses provide efficient protection against injury.



These safety glasses consist of frameless lenses with temples and special 3M technology such as additional padded temple ends and a soft, adjustable nose clip. In addition, the 3M™ SecureFit™ 400 safety glasses are available with additional lens colours.



The brand new 3M™ SecureFit™ safety glasses Series 600 offer many special features, first-class comfort and reliable protection. The robust anti-scratch coating makes these glasses five times more scratch-resistant than 3M standard hard coatings. It protects against heavy abrasion and ensures a longer service life.



3M™ GoggleGear 500

These goggles feature a flat design, adjustable double headband and an optional correction insert.

The optional 3M™ Scotchgard™ anti-fog coating prevents fogging for longer than conventional anti-fog coatings.

3. RESPIRATORY PROTECTION

The airways are exposed to significant harmful loads every day. Dust, mist, smoke, but also gases and vapours can cause permanent damage to the lungs, kidneys and liver if respiratory protection solutions are not used. As the inventor of the particulate-filtering half mask, we were the first manufacturer to present this product range.

3M™ Aura™ Folding Mask
Series 9300+

The particularly comfortable and powerful 3M™ Aura™ particle masks of the 9300+ series are characterised by additional comfort features. The three-part design with the newly developed filter fleece for almost problem-free breathing ensures a comfortable fit and thus increases wearer acceptance.

3M™ Face Mask
8835+|8825+

The new, patented 3-dimensional face seal with integrated nose profile of the 3M Premium+ series offers the convenience of a disposable particulate healthcare respirator and at the same time the concept of a precisely fitting face seal of a reusable respirator.

Flexible 3-dimensionality for a more individual fit and a secure seal. Particulate healthcare respirators from the 3M Premium range offer the highest level of safety and meet the special requirements (RD) for masks that can be used for several working days.

3M™ Half Mask
7000 series|7500

Robust and extremely comfortable at the same time. The robust, comfortable and safe 3M™ half masks of the 7500 Series are made of skin-friendly silicone and have a continuous "drop-down" strap assembly. This allows the mask to be worn comfortably on the chest during short work breaks instead of taking it off completely. The 3M™ Cool Flow™ exhalation valve discharges warm and humid exhaled air efficiently. The 7500 Series is also characterised by an extensive range of spare parts and is easy to maintain.

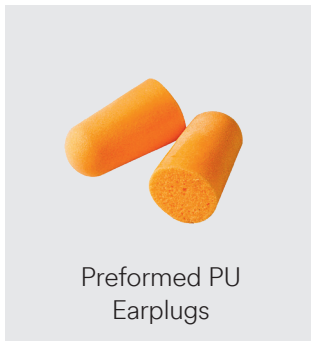
4. EAR PROTECTION

A large number of different types of noise stress many people in their work and private lives. Professional hearing protection from 3M makes sense here in order to avoid permanent hearing damage.



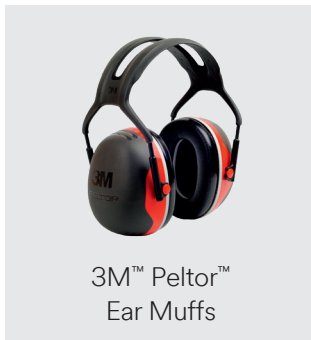
3M™ Banded Ear Plugs

Banded ear plugs are easy to use, practical and comfortable to wear. They are quick to put on or take off and can be worn around the neck when not in use. They are ideal for temporary use and help to protect employees as necessary.



Preformed PU Earplugs

Our single-use earplugs are made from stretchy and resilient polyurethane foam (PU). They offer a high level of comfort and reliable protection. The universal size fits most ear canals, because the foam plug expands in the ear and ensures a secure fit.



3M™ Peltor™ Ear Muffs

The 3M™ Peltor™ ear muffs of the X Series provide reliable protection against noise and achieve impressive results in terms of comfort, durability, aesthetics and modern design. Select the model whose noise reduction meets your requirements from the extensive range. The simple colour code helps you to choose the right product.

5. FURTHER PROTECTION

In addition to the areas already shown, protective helmets and gloves are also an integral part of our extensive product portfolio for all aspects of occupational safety.



This safety helmet is equipped with a 3M™ Peltor™ Uvicator™ sensor. This shows when the helmet needs to be replaced. The short peak provides excellent visibility, more ventilation slots than with conventional helmets ensure optimum ventilation and the soft, round shape reduces the risk of the helmet getting caught on branches, etc.



The gloves offer optimal protection against mechanical risks and at the same time are characterised by maximum comfort and a long service life.



The products shown here are just a small selection of our wide range of occupational safety products. Further information can be found at:

www.3Arbeitsschutz.de
www.3Arbeitsschutz.at
www.3Arbeitsschutz.ch

HAND PADS AND NON-WOVEN ROLLS

Scotch-Brite™ Hand Pad 7447 | 7448 PRO

Catalogue no.	Description	Dimensions (W × L)
7100023339	7447 red Grit: Aluminium oxide very fine	152 mm × 228 mm
7100023340	7448 grey Grit: Silicon carbide ultra fine	152 mm × 228 mm

Scotch-Brite™ Non-Woven Web Roll 7447 | 7448 PRO

Catalogue no.	Description	Dimensions (W × L)
7100061085	7447 red Grit: Aluminium oxide very fine	100 mm × 10 m
7100065112	7448 grey Grit: Silicon carbide ultra fine	100 mm × 10 m
7100061086	7447 red Grit: Aluminium oxide very fine	115 mm × 10 m

Scotch-Brite™ Durable Flex Hand Pad MX-HP

Catalogue no.	Description	Dimensions (W × L)
7100209414	red Grit: Aluminium oxide very fine	115 mm × 228 mm
7100209618	grey Grit: Silicon carbide ultra fine	115 mm × 228 mm

Scotch-Brite™ Durable Flex Non-Woven Web Roll

Catalogue no.	Description	Dimensions (W × L)
7100182483	red Grit: Aluminium oxide very fine	100 mm × 10 m
7100182484	grey Grit: Silicon carbide ultra fine	100 mm × 10 m
7100182487	red Grit: Aluminium oxide very fine 60 perforations	100 mm × 200 mm
7100182488	grey Grit: Silicon carbide ultra fine 60 perforations	100 mm × 200 mm
7100182485	red Grit: Aluminium oxide very fine	125 mm × 10 m
7100182482	grey Grit: Silicon carbide ultra fine	125 mm × 10 m

ACCESSORIES FOR HAND PADS AND NON-WOVEN WEB ROLLS

3M™ Hand Block PH-AC

Catalogue no.	Description	Dimensions (W × L)
7100134185	for hand pads/pieces of non woven material	80 mm × 120 mm

3M™ Mandrel MN-AC 935M

Catalogue no.	Description	Dimension (Ø Shaft)
7100009221	for holding non-woven material and flexible abrasive cloth	6.35 mm (1/4")

3M™ Blockboard CF-AC

Catalogue no.	Description
7000110553	red, for non-woven web rolls

SURFACE CONDITIONING DISCS

Scotch-Brite™ Anti-Loading Surface Conditioning Disc AL-DH without centre hole

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100075580	Grit: Aluminium oxide very fine without centre hole	100 mm	8 000
7100075574	Grit: Aluminium oxide medium without centre hole	100 mm	8 000
7100075889	Grit: Aluminium oxide coarse without centre hole	100 mm	8 000
7100075581	Grit: Aluminium oxide very fine without centre hole	115 mm	8 000
7100075575	Grit: Aluminium oxide medium without centre hole	115 mm	8 000
7100075568	Grit: Aluminium oxide coarse without centre hole	115 mm	8 000
7100075582	Grit: Aluminium oxide very fine without centre hole	125 mm	8 000
7100075577	Grit: Aluminium oxide medium without centre hole	125 mm	8 000

7100075570	Grit: Aluminium oxide coarse without centre hole	125 mm	8 000
7100075584	Grit: Aluminium oxide very fine without centre hole	178 mm	6 000
7100075579	Grit: Aluminium oxide medium without centre hole	178 mm	6 000
7100075572	Grit: Aluminium oxide coarse without centre hole	178 mm	6 000

Scotch-Brite™ Surface Conditioning Disc SC-DH with centre hole

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100233781	blue / Grit: Aluminium oxide / very fine / plain	100 mm 16 mm	8 000
7100233780	red / Grit: Aluminium oxide / medium / plain	100 mm 16 mm	8 000
7100233605	brown / grain: Aluminium oxide / coarse / plain	100 mm 16 mm	8 000
7100233795	blue / Grit: Aluminium oxide / very fine / with centre hole	115 mm 22 mm	8 000
7100233812	red / Grit: Aluminium oxide / medium / with centre hole	115 mm 22 mm	8 000
7100233608	brown / grain: Aluminium oxide / coarse / with centre hole	115 mm 22 mm	8 000
7100234045	blue / Grit: Aluminium oxide / very fine / with centre hole	125 mm 22 mm	8 000
7100233803	red / Grit: Aluminium oxide / medium / with centre hole	125 mm 22 mm	8 000
7100233609	brown / grain: Aluminium oxide / coarse / with centre hole	125 mm 22 mm	8 000
7100233809	blue / Grit: Aluminium oxide / very fine / with centre hole	178 mm 22 mm	6 000
7100233775	red / Grit: Aluminium oxide / medium / with centre hole	178 mm 22 mm	6 000
7100233794	brown / grain: Aluminium oxide / coarse / with centre hole	178 mm 22 mm	6 000

Scotch-Brite™ Surface Conditioning Disc SC-DH without centre hole

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100233439	blue / Grit: Aluminium oxide / very fine / plain	115 mm	8 000
7100233776	red / Grit: Aluminium oxide / medium / plain	115 mm	8 000
7100233774	brown / grain: Aluminium oxide / coarse / plain	115 mm	8 000
7100233440	blue / Grit: Aluminium oxide / very fine / plain	125 mm	8 000
7100233806	red / Grit: Aluminium oxide / medium / plain	125 mm	8 000
7100233623	brown / grain: Aluminium oxide / coarse / plain	125 mm	8 000
7100233805	blue / Grit: Aluminium oxide / very fine / plain	178 mm	6 000
7100233804	red / Grit: Aluminium oxide / medium / plain	178 mm	6 000
7100233606	brown / grain: Aluminium oxide / coarse / plain	178 mm	6 000

Scotch-Brite™ Strong Edge Surface Conditioning Disc SE-DH with centre hole

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100233811	brown / grain: Aluminium oxide / coarse / plain	100 mm 16 mm	8 000
7100233607	brown / grain: Aluminium oxide / coarse / with centre hole	115 mm 22 mm	8 000

Scotch-Brite™ Strong Edge Surface Conditioning Disc SE-DH without centre hole

Catalogue no.	Description	Diameter (Ø)	Max. RPM
7100233797	brown / grain: Aluminium oxide / coarse / plain	100 mm	8 000
7000046214	Grit: Aluminium oxide / fine / plain	115 mm	8 000
7000046034	Grit: Aluminium oxide / medium / plain	115 mm	8 000
7100233779	brown / grain: Aluminium oxide / coarse / plain	115 mm	8 000
7000046091	Grit: Aluminium oxide / medium / plain	125 mm	8 000
7100233816	brown / grain: Aluminium oxide / coarse / plain	178 mm	6 000

Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc GB-DH with centre hole

Catalogue no.	Description	Diameter (Ø)	Max. RPM
7000046264	blue coarse super duty with centre hole	115 mm 22 mm	8 000
7000046263	red coarse heavy duty with centre hole	115 mm 22 mm	8 000
7000046247	blue coarse super duty with centre hole	125 mm 22 mm	8 000
7000046245	red coarse heavy duty with centre hole	125 mm 22 mm	8 000
7000046249	red coarse heavy duty with centre hole	178 mm 22 mm	6 000
7000046248	blue coarse super duty with centre hole	178 mm 22 mm	6 000

ACCESSORIES FOR SURFACE CONDITIONING DISCS

3M™ Adhesive Backing Pad DH-AC with centre hole

Catalogue no.	Description	Dimension (Ø Centre hole)
7000061390	M14 mount with centre hole	115 mm 22 mm
7000061389	M14 mount with centre hole	125 mm 22 mm
7000086464	M14 mount with centre hole	178 mm 22 mm

3M™ Adhesive Backing Pad DH-AC without centre hole

Catalogue no.	Description	Dimension (Ø)
7000038366	M14 mount without centre hole	115 mm
7000028 500	M14 mount without centre	125 mm
7000068111	M14 mount without centre	178 mm

CLEAN AND STRIP DISCS

Scotch-Brite™ Roloc™ Clean and Strip Disc CG-RD

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7000077972	Grit: Silicon carbide extra coarse	115 mm 22 mm	11 000

Scotch-Brite™ Clean and Strip Disc CG-DB

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100093990	Grit: Silicon carbide extra coarse	115 mm 22 mm	10 000
7100093991	Grit: Silicon carbide extra coarse	178 mm 22 mm	6 500

Scotch-Brite™ Clean and Strip Disc CG-DC

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100182633	Grit: Silicon carbide extra coarse	100 mm 13 mm	6 000
7100182637	Grit: Silicon carbide extra coarse	150 mm 13 mm	4 000
7100182579	Grit: Silicon carbide extra coarse	200 mm 13 mm	3 000

Scotch-Brite™ Clean and Strip Disc CG-ZS

Catalogue no.	Description	Dimensions (Ø Arbor hole Ø Shaft)	Max. RPM
7000077890	Grit: Silicon carbide extra coarse	76,2 mm 13 mm 6 mm	10 000
7000077935	Grit: Silicon carbide extra coarse	76,2 mm 25 mm 6 mm	10 000
7100093975	Grit: Silicon carbide extra coarse	100 mm 12 mm 6 mm	8 000
7000077901	Grit: Silicon carbide extra coarse	100 mm 25 mm 6 mm	8 000
7100093983	Grit: Silicon carbide extra coarse	150 mm 13 mm 8 mm	6 000
7000077916	Grit: Silicon carbide extra coarse	150 mm 25 mm 8 mm	6 000

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100192330	Grit: Silicon carbide extra coarse	115 mm 22 mm	13 000
7100192331	Grit: Silicon carbide extra coarse	125 mm 22 mm	12 000
7100192335	Grit: Silicon carbide extra coarse M14 thread	125 mm 22 mm	12 500
7100192332	Grit: Silicon carbide extra coarse	178 mm 22 mm	8 500

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100192333	Grit: Silicon carbide extra coarse	115 mm 22 mm	10 000
7100192334	Grit: Silicon carbide extra coarse	178 mm 22 mm	6 500

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100176374	Grit: Silicon carbide extra coarse	100 mm 13 mm	9 500
7100176347	Grit: Silicon carbide extra coarse	150 mm 13 mm	6 000
7100176348	Grit: Silicon carbide extra coarse	200 mm 13 mm	4 500

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

Catalogue no.	Description	Dimensions (Ø Arbor hole Ø Shaft)	Max. RPM
7100192707	Grit: Silicon carbide extra coarse	75 mm 13 mm 6 mm	10 000
7100192708	Grit: Silicon carbide extra coarse	75 mm 25 mm 6 mm	10 000
7100192709	Grit: Silicon carbide extra coarse	100 mm 13 mm 6 mm	8 000
7100192711	Grit: Silicon carbide extra coarse	100 mm 25 mm 6 mm	8 000
7100192710	Grit: Silicon carbide extra coarse	150 mm 13 mm 6 mm	6 000

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100192336	Grit: Aluminium oxide extra coarse	115 mm 22 mm	13 000
7100192337	Grit: Aluminium oxide extra coarse	125 mm 22 mm	12 000
7100192341	Grit: Aluminium oxide extra coarse M14 thread	125 mm 22 mm	12 500
7100192338	Grit: Aluminium oxide extra coarse	178 mm 22 mm	8 500

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100192339	Grit: Aluminium oxide extra coarse	115 mm 22 mm	10 000
7100192340	Grit: Aluminium oxide extra coarse	178 mm 22 mm	6 500

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

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100175138	Grit: Aluminium oxide extra coarse	100 mm 13 mm	9 500
7100175139	Grit: Aluminium oxide extra coarse	150 mm 13 mm	6 000
7100191877	Grit: Aluminium oxide extra coarse	150 mm 22 mm	6 000
7100175140	Grit: Aluminium oxide extra coarse	200 mm 13 mm	4 500

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

Catalogue no.	Description	Dimensions (Ø Arbor hole Ø Shaft)	Max. RPM
7100192735	Grit: Aluminium oxide extra coarse	75 mm 13 mm 6 mm	10 000
7100192736	Grit: Aluminium oxide extra coarse	75 mm 25 mm 6 mm	10 000
7100192737	Grit: Aluminium oxide extra coarse	100 mm 13 mm 6 mm	8 000
7100192739	Grit: Aluminium oxide extra coarse	100 mm 25 mm 6 mm	8 000
7100192738	Grit: Aluminium oxide extra coarse	150 mm 13 mm 6 mm	6 000

INTERNAL ANGLE DISCS AND UNITISED WHEELS

UNITISED WHEELS

Scotch-Brite™ Rapid Cut Unitised Wheel RC-UW

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7100015987	Hardness 9 C extra coarse+	127 mm 3.18 mm 25.4 mm	9 000
7100015926	Hardness 9 C coarse+	127 mm 3.18 mm 25.4 mm	9 000
7100016296	Hardness 7 C coarse+	127 mm 6.35 mm 25.4 mm	9 000
7100016778	Hardness 9 C extra coarse+	127 mm 6.35 mm 25.4 mm	9 000
7000028558	Hardness 7 C coarse+	152.4 mm 6.35 mm 12.7 mm	7 500
7100016325	Hardness 7 C extra coarse+	152.4 mm 6.35 mm 25.4 mm	7 500
7100015908	Hardness 7 C coarse+	152.4 mm 6.35 mm 25.4 mm	7 500
7100016297	Hardness 9 C coarse+	152.4 mm 6.35 mm 25.4 mm	7 500
7000046281	Hardness 9 C extra coarse+	152.4 mm 6.35 mm 25.4 mm	7 500
7100016327	Hardness 9 C coarse+	127 mm 6.35 mm 25.4 mm	9 000
7100015903	Hardness 9 C coarse+	152.4 mm 3.18 mm 25.4 mm	7 500
7100015857	Hardness 9 C extra coarse+	152.4 mm 3.18 mm 25.4 mm	7 500

Scotch-Brite™ Rapid Cut Unitised Wheel RC-UW

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000046284	Hardness 7 C coarse+	25.4 mm 25.4 mm 4.76 mm	35 000
7000046291	Hardness 7 C extra coarse+	25.4 mm 25.4 mm 4.76 mm	35 000
7000028557	Hardness 7 C coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046287	Hardness 9 C coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046295	Hardness 9 C extra coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046300	Hardness 9 C extra coarse+	76.2 mm 6.35 mm 9.53 mm	18 100
7000028559	Hardness 9 C coarse+	76.2 mm 6.35 mm 9.53 mm	18 100
7100001086	Hardness 7 C coarse+	152.4 mm 25.4 mm 25.4 mm	7 500
7000046298	Hardness 7 C extra coarse+	152.4 mm 25.4 mm 25.4 mm	7 500
7100001088	Hardness 7 C coarse+	203.2 mm 25.4 mm 25.4 mm	5 500

Scotch-Brite™ EXL Unitised Wheel XL-UW

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000046284	Hardness 7 C coarse+	25.4 mm 25.4 mm 4.76 mm	35 000
7000046291	Hardness 7 C extra coarse+	25.4 mm 25.4 mm 4.76 mm	35 000
7000028557	Hardness 7 C coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046287	Hardness 9 C coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046295	Hardness 9 C extra coarse+	50.8 mm 6.35 mm 6.35 mm	22 100
7000046300	Hardness 9 C extra coarse+	76.2 mm 6.35 mm 9.53 mm	18 100
7000028559	Hardness 9 C coarse+	76.2 mm 6.35 mm 9.53 mm	18 100
7100001086	Hardness 7 C coarse+	152.4 mm 25.4 mm 25.4 mm	7 500
7000046298	Hardness 7 C extra coarse+	152.4 mm 25.4 mm 25.4 mm	7 500
7100001088	Hardness 7 C coarse+	203.2 mm 25.4 mm 25.4 mm	5 500
7000000690	Hardness 2 Grit: Silicon carbide fine	25.4 mm 25.4 mm 4.76 mm	30 100
7000021281	Hardness 2 Grit: Aluminium oxide medium	25.4 mm 25.4 mm 4.76 mm	25 100
7100001140	Hardness 6 Grit: Aluminium oxide medium	25.4 mm 25.4 mm 4.76 mm	25 100
7000148249	Hardness 8 Grit: Aluminium oxide medium	25.4 mm 25.4 mm 4.76 mm	25 100
7000045926	Hardness 8 Grit: Aluminium oxide coarse	25.4 mm 25.4 mm 4.76 mm	35 100
7000045948	Hardness 8 Grit: Aluminium oxide coarse	38.1 mm 3.2 mm 4.76 mm	30 100
7000000696	Hardness 2 Grit: Silicon carbide fine	50.8 mm 6.35 mm 6.35 mm	16 100
7000148251	Hardness 6 Grit: Aluminium oxide medium	50.8 mm 6.35 mm 6.35 mm	16 100
7000046079	Hardness 8 Grit: Aluminium oxide medium	76.2 mm 3.2 mm 9.53 mm	5 000
7000046140	Hardness 8 Grit: Aluminium oxide coarse	76.2 mm 3.2 mm 9.53 mm	18 100
7000000692	Hardness 2 Grit: Silicon carbide fine	76.2 mm 6.35 mm 6.35 mm	18 100

7000028457	Hardness 2 Grit: Aluminium oxide medium	76.2 mm 6.35 mm 6.35 mm	18 100
7000046170	Hardness 3 Grit: Silicon carbide fine	76.2 mm 6.35 mm 6.35 mm	18 100
7000045935	Hardness 6 Grit: Aluminium oxide medium	76.2 mm 6.35 mm 6.35 mm	18 100
7000028450	Hardness 8 Grit: Aluminium oxide coarse	76.2 mm 6.35 mm 6.35 mm	18 100
7000045925	Hardness 2 Grit: Silicon carbide fine	76.2 mm 12.7 mm 6.35 mm	12 100
7000045949	Hardness 2 Grit: Aluminium oxide medium	76.2 mm 12.7 mm 6.35 mm	18 100
7000120678	Hardness 2 Grit: Silicon carbide fine	101.6 mm 12.7 mm 6.35 mm	7 500
7000000747	Hardness 2 Grit: Aluminium oxide medium	152.4 mm 4.0 mm 12.5 mm	5 000
7000028449	Hardness 2 Grit: Silicon carbide fine	152.4 mm 6.35 mm 12.7 mm	5 000
7000000712	Hardness 2 Grit: Aluminium oxide medium	152.4 mm 6.35 mm 12.7 mm	5 000
7000046080	Hardness 2 Grit: Silicon carbide fine	152.4 mm 6.35 mm 25.4 mm	5 000
7000028478	Hardness 2 Grit: Silicon carbide fine	152.4 mm 12.7 mm 12.7 mm	5 000
7000046028	Hardness 2 Grit: Aluminium oxide medium	152.4 mm 12.7 mm 12.7 mm	5 000
7000046027	Hardness 2 Grit: Silicon carbide fine	152.4 mm 12.7 mm 25.4 mm	5 000
7000000695	Hardness 8 Grit: Aluminium oxide medium	152.4 mm 12.7 mm 25.4 mm	5 000
7000046026	Hardness 2 Grit: Silicon carbide fine	152.4 mm 25.4 mm 12.7 mm	5 000
7000028479	Hardness 2 Grit: Silicon carbide fine	152.4 mm 25.4 mm 25.4 mm	5 000
7000028480	Hardness 2 Grit: Aluminium oxide medium	152.4 mm 25.4 mm 25.4 mm	5 000
7000046154	Hardness 2 Grit: Silicon carbide fine	152.4 mm 25.4 mm 50.8 mm	5 000
7000000708	Hardness 2 Grit: Silicon carbide fine	203.2 mm 12.7 mm 12.7 mm	4 000
7000000769	Hardness 2 Grit: Silicon carbide fine	203.2 mm 25.4 mm 12.7 mm	4 000
7000046153	Hardness 2 Grit: Aluminium oxide medium	203.2 mm 25.4 mm 50.8 mm	3 500

Scotch-Brite™ Unitised Wheel Deburr & Finish Pro DP-UW

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7100143465	Hardness 2 Grit: Silicon carbide fine	75 mm 6.35 mm 6.35 mm	18 100
7010365693	Hardness 4 C medium+	75 mm 6.35 mm 6.35 mm	18 100
7010310029	Hardness 4 C medium+	75 mm 13 mm 6.35 mm	18 100
7100053418	Hardness 6 C medium+	75 mm 3 mm 6.35 mm	18 100
7100053419	Hardness 6 C medium+	75 mm 6.35 mm 6.35 mm	18 100
7100053421	Hardness 6 C medium+	75 mm 19 mm 6.35 mm	15 100
7100053422	Hardness 6 C medium+	75 mm 25 mm 6.35 mm	15 100
7100103509	Hardness 6 C medium+	75 mm 3 mm 9.525 mm	18 100
7100105326	Hardness 8 C coarse+	75 mm 3 mm 6.35 mm	18 100
7100105529	Hardness 8 C coarse+	75 mm 6.35 mm 6.35 mm	18 100
7100105530	Hardness 8 C coarse+	75 mm 13 mm 6.35 mm	18 100
7100110912	Hardness 8 C coarse+	75 mm 13 mm 9.525 mm	15 100
7010329496	Hardness 8 C coarse+	75 mm 19 mm 6.35 mm	15 100
7100105568	Hardness 8 C coarse+	75 mm 25 mm 6.35 mm	15 100

Scotch-Brite™ Cut & Polish Molded Wheel CP-UW

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000045846	Hardness 7 Grit: Aluminium oxide medium	25.4 mm 25.4 mm 4.76 mm	35 000
7000046306	Hardness 5 Grit: Aluminium oxide fine	50.8 mm 6.35 mm 6.35 mm	22 100
7000028427	Hardness 7 Grit: Aluminium oxide medium	50.8 mm 3.175 mm 6.35 mm	22 100
7000028477	Hardness 7 Grit: Aluminium oxide medium	50.8 mm 12.7 mm 6.35 mm	22 100
7100001111	Hardness 5 Grit: Aluminium oxide fine	76.3 mm 6.35 mm 6.35 mm	15 100
7000045875	Hardness 7 Grit: Aluminium oxide medium	76.2 mm 3.175 mm 6.35 mm	15 100
7000046304	Hardness 5 Grit: Aluminium oxide fine	76.2 mm 12.7 mm 6.35 mm	15 100

Scotch-Brite™ Molded Wheel Deburr & Finish Pro DP-UD

Catalogue no.	Description	Dimension (Ø Thickness)	Max. RPM
7010412238	Hardness 2 Grit: Silicon carbide fine	115 mm 22 mm	12 100
7100081369	Hardness 6 C medium+	115 mm 22 mm	12 100
7100109111	Hardness 8 C coarse+	115 mm 22 mm	12 100

ACCESSORIES FOR UNITISED WHEELS

3M™ Rapid Cut "Puck" FL-AC

Catalogue no.	Description	Dimension (Ø Arbor hole)
7100023853	for Scotch-Brite™ unitised wheels RC-UW (125 mm 150 mm)	64 mm 12 mm

3M™ Mandrel MN-AC 933M

Catalogue no.	Description	Dimension (Ø shaft for Ø arbor hole)
7000045698	for 50.8 mm and 76.2 mm unitised wheels Radial bristle brushes (pack width: 12.7 mm)	6.0 mm 6.35 mm

3M™ Mandrel MN-AC 936

Catalogue no.	Description	Dimensions (length Ø shaft thickness)
7000046309	for unitised wheels (bobs) with Ø 25.4 mm and 4.76 mm arbor hole	52.4 mm 6.35 mm 19.05 mm

3M™ Mandrel MN-AC 990M

Catalogue no.	Description	Dimension (Ø shaft for Ø arbor hole)
7100101327	for 50.8 mm and 76.2 mm unitised wheels Radial bristle brushes (pack width: 6.35 mm 12.7 mm)	6.0 mm 9.5 mm

CONVOLUTE WHEELS

Scotch-Brite™ Cut & Polish Wheel CP-WL

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000045894	Hardness 7 Grit: Aluminium oxide medium	152.4 mm 12.7 mm 25.4 mm	5 000
7000045987	Hardness 7 Grit: Aluminium oxide fine	152.4 mm 25.4 mm 25.4 mm	5 000
7000011912	Hardness 7 Grit: Aluminium oxide medium	152.4 mm 25.4 mm 25.4 mm	5 000
7000045986	Hardness 7 Grit: Aluminium oxide medium	203.2 mm 25.4 mm 76.2 mm	4 500
7000045988	Hardness 7 Grit: Aluminium oxide fine	203.2 mm 25.4 mm 76.2 mm	4 500
7000045985	Hardness 7 Grit: Aluminium oxide medium	203.2 mm 50.8 mm 76.2 mm	4 500
7000045852	Hardness 7 Grit: Aluminium oxide very fine	203.2 mm 50.8 mm 76.2 mm	4 500
7000045848	Hardness 7 Grit: Aluminium oxide medium	304.8 mm 50.8 mm 127 mm	4 500

Scotch-Brite™ Deburring Wheel DB-WL

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000046277	Hardness 11 Grit: Silicon carbide fine	152.4 mm 12.7 mm 25.4 mm	6 000
7000028487	Hardness 8 Grit: Silicon carbide medium	152.4 mm 25.4 mm 25.4 mm	6 000
7000028491	Hardness 7 Grit: Silicon carbide fine	152.4 mm 25.4 mm 25.4 mm	6 000
7000028488	Hardness 9 Grit: Silicon carbide fine	152.4 mm 25.4 mm 25.4 mm	6 000
7100024465	Hardness 9 Grit: Silicon carbide fine	203.2 mm 25.4 mm 50.8 mm	4 500
7000046085	Hardness 8 Grit: Silicon carbide medium	203.2 mm 25.4 mm 76.2 mm	4 500
7000046089	Hardness 7 Grit: Silicon carbide fine	203.2 mm 25.4 mm 76.2 mm	4 500
7000046086	Hardness 9 Grit: Silicon carbide fine	203.2 mm 25.4 mm 76.2 mm	4 500
7000028490	Hardness 8 Grit: Silicon carbide medium	203.2 mm 50.8 mm 76.2 mm	4 500
7000028493	Hardness 7 Grit: Silicon carbide fine	203.2 mm 50.8 mm 76.2 mm	4 500
7000046088	Hardness 9 Grit: Silicon carbide fine	203.2 mm 50.8 mm 76.2 mm	4 500

Scotch-Brite™ Molded Wheel FS-WL

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000028485	Hardness 2 Grit: Silicon carbide medium	152.4 mm 25.4 mm 25.4 mm	6 000
7000046165	Hardness 2 Grit: Silicon carbide medium	152.4 mm 50.8 mm 25.4 mm	6 000
7000028484	Hardness 2 Grit: Silicon carbide coarse	152.4 mm 25.4 mm 25.4 mm	6 000
7000028522	Hardness 5 Grit: Aluminium oxide medium	152.4 mm 25.4 mm 25.4 mm	6 000
7000028494	Hardness 6 Grit: Silicon carbide fine	152.4 mm 25.4 mm 25.4 mm	6 000
7000028486	Hardness 8 Grit: Aluminium oxide medium	152.4 mm 25.4 mm 25.4 mm	6 000
7000046084	Hardness 2 Grit: Silicon carbide medium	203.2 mm 50.8 mm 76.2 mm	4 500
7000046083	Hardness 2 Grit: Silicon carbide coarse	203.2 mm 50.8 mm 76.2 mm	4 500
7000046148	Hardness 5 Grit: Aluminium oxide medium	203.2 mm 50.8 mm 76.2 mm	4 500
7000028492	Hardness 6 Grit: Silicon carbide fine	203.2 mm 50.8 mm 76.2 mm	4 500
7000046087	Hardness 8 Grit: Aluminium oxide medium	203.2 mm 50.8 mm 76.2 mm	4 500

Scotch-Brite™ EXL Deburring Wheel XL-WL

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000000734	Hardness 8 Grit: Aluminium oxide medium	152.4 mm 25.4 mm 25.4 mm	6 000
7000046069	Hardness 9 Grit: Silicon carbide fine	152.4 mm 12.7 mm 25.4 mm	6 000
7000046242	Hardness 11 Grit: Silicon carbide fine	152.4 mm 25.4 mm 25.4 mm	6 000
7000046065	Hardness 8 Grit: Silicon carbide fine	203,2 mm 12,7 mm 76,2 mm	4 500
7000046067	Hardness 8 Grit: Silicon carbide fine	203,2 mm 25,4 mm 127 mm	4 500
7000046061	Hardness 8 Grit: Aluminium oxide medium	203,2 mm 12,7 mm 76,2 mm	4 500
7000000735	Hardness 8 Grit: Aluminium oxide medium	203,2 mm 25,4 mm 76,2 mm	4 500
7100002691	Hardness 8 Grit: Silicon carbide fine	203,2 mm 25,4 mm 76,2 mm	4 500
7000046243	Hardness 11 Grit: Silicon carbide fine	203,2 mm 25,4 mm 76,2 mm	4 500
7100023768	Hardness 11 Grit: Silicon carbide fine	254 mm 25,4 mm 127 mm	4 500
7000046066	Hardness 8 Grit: Silicon carbide fine	304,8 mm 12,7 mm 127 mm	3 000
7000046073	Hardness 9 Grit: Silicon carbide fine	304,8 mm 25,4 mm 127 mm	3 000
7000046074	Hardness 9 Grit: Silicon carbide fine	304,8 mm 50,8 mm 127 mm	3 000

FINISHING BRUSHES

Scotch-Brite™ Cut & Polish Flap Brush CP-FB

Catalogue no.	Description	Dimensions (Ø width arbor hole)
7000091725	Hardness: 5 Grit: Aluminium oxide medium	152 mm 25 mm 50 mm
7000091711	Hardness: 7 Grit: Aluminium oxide medium	200 mm 50 mm 76 mm

Scotch-Brite™ Clean & Finish Flap Brush CF-FB

Catalogue no.	Description	Dimensions (Ø width arbor hole)
7000091714	Hardness: 7 Grit: Aluminium oxide fine	200 mm 25 mm 76 mm

Scotch-Brite™ Mini Brush CP-MB

Catalogue no.	Description	Dimensions (Ø width arbor hole)	Max. RPM
7000091729	brown Grit: Aluminium oxide medium	100 mm 100 mm 19 mm	4 000

Scotch-Brite™ Mini Brush CF-MB

Catalogue no.	Description	Dimensions (Ø width arbor hole)	Max. RPM
7000091723	red Grit: Aluminium oxide fine	100 mm 100 mm 19 mm	4 500
7000091728	grey Grit: Silicon carbide medium	100 mm 100 mm 19 mm	4 500

Scotch-Brite™ Flap Brush CB-ZS

Catalogue no.	Description	Dimensions (Ø width arbor hole)	Max. RPM
7100093980	P80 Grit: Aluminium oxide fine	75 mm 45 mm 6 mm	7 500
7100093977	rot P120 Grit: Aluminium oxide fine	75 mm 45 mm 6 mm	7 500
7100093989	P180 Grit: Aluminium oxide fine	75 mm 45 mm 6 mm	7 500

Scotch-Brite™ Flap Brush FF-ZS

Catalogue no.	Description	Dimensions (Ø width arbor hole)	Max. RPM
7100093988	grey Grit: Silicon carbide fine	75 mm 45 mm 6 mm	8 500
7100093981	red Grit: Aluminium oxide very fine	75 mm 45 mm 6 mm	8 500
7100093987	red Grit: Aluminium oxide coarse	75 mm 45 mm 6 mm	8 500
7000077937	red Grit: Aluminium oxide very fine	100 mm 45 mm 6 mm	6 000
7100093995	grey Grit: Silicon carbide fine	100 mm 45 mm 6 mm	6 000

Scotch-Brite™ Flap Brush PF-ZS

Catalogue no.	Description	Dimensions (Ø width arbor hole)	Max. RPM
7100093979	brown Grit: Aluminium oxide very fine	75 mm 45 mm 6 mm	8 500
7100093971	brown Grit: Aluminium oxide medium	75 mm 45 mm 6 mm	8 500
7100093973	brown Grit: Aluminium oxide medium	100 mm 45 mm 6 mm	6 000

NON-WOVEN BELTS

Scotch-Brite™ Durable Flex Non-Woven Belt DF-BL

Catalogue no.	Description	Dimension	Working speed
7100013687	Grit: Aluminium oxide coarse	configurable	up to 30 m/s
7100012444	Grit: Aluminium oxide fine	configurable	up to 30 m/s
7100013155	Grit: Aluminium oxide medium	configurable	up to 30 m/s

Scotch-Brite™ Non-Woven Belt Low Stretch SC-BL

Catalogue no.	Description	Dimension	Working speed
7100012479	heavy duty coarse	configurable	up to 25 m/s
7100013507	Grit: Aluminium oxide coarse	configurable	up to 25 m/s
7100000134	Grit: Aluminium oxide very fine	configurable	up to 25 m/s
7100012060	super duty coarse	configurable	up to 25 m/s
7100048459	T LS	configurable	up to 25 m/s

Scotch-Brite™ Non-Woven Belt Scrim Backed SC-BS

Catalogue no.	Description	Dimension	Working speed
7100013534	Grit: Aluminium oxide coarse	configurable	up to 25 m/s
7100012358	Grit: Aluminium oxide medium	configurable	up to 25 m/s
7100012347	Grit: Aluminium oxide very fine	configurable	up to 25 m/s
7100012085	Grit: Aluminium oxide super fine	configurable	up to 25 m/s

Scotch-Brite™ Non-Woven Belt Film Backed SC-BF

Catalogue no.	Description	Dimension	Working speed
7100012858	Grit: Aluminium oxide medium	configurable	up to 25 m/s
7100013611	Grit: Aluminium oxide very fine	configurable	up to 25 m/s

BRISTLE PRODUCTS

Scotch-Brite™ Bristle Disc BD-ZB

Catalogue no.	Description	Dimensions (Ø bristle length)	Max. RPM
7100138287	green P50 M14	115 mm 19 mm	12 000
7100138288	yellow P80 M14	115 mm 19 mm	12 000
7100138289	white P120 M14	115 mm 19 mm	12 000

Scotch-Brite™ Radial Bristle Brush BB-ZB with plastic flange

Catalogue no.	Description	Dimension (Ø Thickness)	Max. RPM
7000046180	orange 6 micron Grade C	152.4 mm 12.7 mm	6 000
7100138290	brown P36 Grade A	152.4 mm 12.7 mm	6 000
7100138347	green P50 Grade A	152.4 mm 12.7 mm	6 000
7100138300	yellow P80 Grade C	152.4 mm 12.7 mm	6 000
7100138291	yellow P80 Grade A	152.4 mm 12.7 mm	6 000
7100138298	white P120 Grade C	152.4 mm 12.7 mm	6 000
7100138299	red P220 Grade C	152.4 mm 12.7 mm	6 000
7100138337	yellow P80 Grade C	193.5 mm 25.4 mm	6 000
7100138338	white P120 Grade C	193.5 mm 25.4 mm	6 000
7100138335	red P220 Grade C	193.5 mm 25.4 mm	6 000
7100138336	blue P400 Type c	193.5 mm 25.4 mm	6 000
7100138332	green P50 Type S	203.2 mm 25.4 mm	6 000
7100138333	yellow P80 Type S	203.2 mm 25.4 mm	6 000
7100138334	white P120 Type S	203.2 mm 25.4 mm	6 000

Scotch-Brite™ Radial Bristle Brush BB-ZB Single Segment

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100138292	brown P36 Grade A Refill pack	152.4 mm	6 000
7100138327	green P50 Grade A Refill pack	152.4 mm	6 000
7100138194	yellow P80 Grade A Refill pack	152.4 mm	6 000
7100138301	yellow P80 Grade C Refill pack	152.4 mm	6 000
7000021285	white P120 Type C Refill pack	152.4 mm	6 000
7100138302	red P220 Grade C Refill pack	152.4 mm	6 000
7000144604	blue P400 Grade C Refill pack	152.4 mm	6 000
7100138339	green P50 Grade S Refill pack	203.2 mm	6 000
7100138340	yellow P80 Grade S Refill pack	203.2 mm	6 000
7100138303	yellow P80 Grade C Refill pack	193.5 mm	6 000
7100138304	white P120 Type C Refill pack	193.5 mm	6 000
7100138341	red P220 Grade C Refill pack	193.5 mm	6 000

Scotch-Brite™ Bristle Disc BB-ZS with shaft

Catalogue no.	Description	Dimension (Ø Thickness)	Max. RPM
7000078180	yellow P80 Grade C	50.8 mm 6.0 mm	15 000
7000078175	white P120 Grade C	50.8 mm 6.0 mm	15 000
7000078179	brown P220 Grade C	50.8 mm 6.0 mm	15 000
7000078176	yellow P80 Grade C	76.2 mm 6.0 mm	10 000
7000078177	white P120 Grade C	76.2 mm 6.0 mm	10 000
7000078178	brown P220 Grade C	76.2 mm 6.0 mm	10 000

Scotch-Brite™ Radial Bristle Brush RB-ZB

Catalogue no.	Description	Dimension (Ø Thickness)	Max. RPM
7000046126	Pumice stone Grade C	14.2 mm 1.0 mm	35 000
7000000764	white P120 Grade C	14.2 mm 1.0 mm	35 000
7100002321	red P220 Grade C	14.2 mm 1.0 mm	35 000
7000046125	blue P400 Type c	14.2 mm 1.0 mm	35 000
7000000760	pink Grade C	19 mm 1.0 mm	35 000
7000000766	orange 1 micron Grade C	19 mm 1.0 mm	35 000
7000000765	orange 6 micron Grade C	19 mm 1.0 mm	35 000
7000000757	yellow P80 Grade C	19 mm 1.0 mm	35 000
7100138342	P120 Grade C	19 mm 1.0 mm	35 000
7000000758	red P220 Grade C	19 mm 1.0 mm	35 000
7000000759	blue P400 Type c	19 mm 1.0 mm	35 000
7100138326	brown P36 Grade C	25.4 mm 3.0 mm	35 000
7000000761	green P50 Grade C	25.4 mm 3.0 mm	35 000
7000000762	yellow P80 Grade C	25.4 mm 3.0 mm	35 000
7000000763	white P120 Grade C	25.4 mm 3.0 mm	35 000
7000046158	Pumice stone Grade C	50.8 mm 9.5 mm	30 000
7000046160	light green 1 micron Grade C	50.8 mm 9.5 mm	30 000
7000046159	orange 6 micron Grade C	50.8 mm 9.5 mm	30 000
7100138293	yellow P80 Grade C	50.8 mm 9.5 mm	30 000
7100138294	white P120 Grade C	50.8 mm 9.5 mm	30 000
7100138295	red P220 Grade C	50.8 mm 9.5 mm	30 000
7000028529	blue P400 Type c	50.8 mm 9.5 mm	30 000
7100007341	light green 1 micron Grade C	76.2 mm 9.5 mm	20 000
7000046161	orange 6 micron Grade C	76.2 mm 9.5 mm	20 000
7100138323	green P50 Grade A	76.2 mm 9.5 mm	20 000
7100138324	yellow P80 Grade A	76.2 mm 9.5 mm	20 000
7000000771	yellow P80 Grade C	76.2 mm 9.5 mm	20 000
7000000749	white P120 Grade A	76.2 mm 9.5 mm	20 000
7100138296	white P120 Grade C	76.2 mm 9.5 mm	20 000
7100138297	red P220 Grade C	76.2 mm 9.5 mm	20 000
7000046182	green P360 Grade A	76.2 mm 9.5 mm	20 000
7000028532	blue P400 Type C	76.2 mm 9.5 mm	20 000
7000021284	blue P400 Type C	152.4 mm 12.7 mm	6 000

3M™ ROLOC™ PRODUCTS

Scotch-Brite™ Roloc™ Anti Loading Surface Conditioning Disc AL-DR

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100075931	Grit: Aluminium oxide very fine	25 mm	
7100075932	Grit: Aluminium oxide medium	25 mm	
7100075900	Grit: Aluminium oxide coarse	25 mm	
7100075534	Grit: Aluminium oxide very fine	38 mm	
7100075533	Grit: Aluminium oxide medium	38 mm	
7100075532	Grit: Aluminium oxide coarse	38 mm	
7100075708	Grit: Aluminium oxide very fine	50 mm	
7100075707	Grit: Aluminium oxide medium	50 mm	
7100075554	Grit: Aluminium oxide coarse	50 mm	
7100075555	Grit: Aluminium oxide very fine	75 mm	
7100075556	Grit: Aluminium oxide medium	75 mm	
7100075557	Grit: Aluminium oxide coarse	75 mm	
7100075535	Grit: Aluminium oxide very fine	100 mm	
7100075536	Grit: Aluminium oxide medium	100 mm	
7100075537	Grit: Aluminium oxide coarse	100 mm	

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

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000021279	blue Grit: Aluminium oxide very fine	25 mm	25 000
7000021280	red Grit: Aluminium oxide medium	25 mm	25 000
7000000704	brown Grain Aluminium oxide coarse	25 mm	25 000
7000045888	red Grit: Aluminium oxide medium	38 mm	23 000
7000000753	grey Grit: Silicon carbide super fine	50 mm	23 000
7000000750	blue Grit: Aluminium oxide very fine	50 mm	23 000
7000000751	red Grit: Aluminium oxide medium	50 mm	23 000
7000000752	brown Grit: Aluminium oxide coarse	50 mm	23 000
7000028501	grey Grit: Silicon carbide super fine	75 mm	18 000
7000000754	blue Grit: Aluminium oxide very fine	75 mm	18 000
7000000755	red Grit: Aluminium oxide medium	75 mm	18 000
7000000756	brown Grit: Aluminium oxide coarse	75 mm	18 000

Scotch-Brite™ Roloc™ Strong Edge Surface Conditioning Disc SE-DR

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000046110	Grit: Aluminium oxide medium	50,8 mm	23 000
7000046111	Grit: Aluminium oxide coarse	50,8 mm	23 000
7000046149	Grit: Aluminium oxide fine	76,2 mm	18 000
7000046112	Grit: Aluminium oxide medium	76,2 mm	18 000
7000042733	Grit: Aluminium oxide coarse	76,2 mm	18 000

Scotch-Brite™ Roloc™ Light Grinding & Blending Surface Conditioning Disc GB-DH

Catalogue no.	Description	Diameter (Ø)	Max. RPM
7100019197	red / Grit: Aluminium oxide / coarse super duty	25 mm	25 000
7100048019	blue / Grit: Aluminium oxide / coarse super duty	38 mm	23 000
7000046250	red / Grit: Aluminium oxide / coarse heavy duty	50 mm	18 000
7000046251	blue / Grit: Aluminium oxide / coarse super duty	50 mm	18 000
7100007318	red / Grit: Aluminium oxide / coarse heavy duty	75 mm	15 000
7100009310	blue / Grit: Aluminium oxide / coarse super duty	75 mm	15 000

Scotch-Brite™ Roloc™+ Clean and Strip Disc CG-ZR

Catalogue no.	Description	Dimension (Ø Arbor hole)	Max. RPM
7100093978	Grit: Silicon carbide extra coarse	100 mm 13 mm	8 000

Scotch-Brite™ Roloc™+ Clean and Strip Disc CR-DR

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000046010	Grit: Silicon carbide extra coarse	50 mm	18 000
7000046009	Grit: Silicon carbide extra coarse	75 mm	15 000

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

Catalogue no.	Description	Dimensions (Ø Arbor hole Shaft)	Max. RPM
7100192704	Grit: Silicon carbide extra coarse	100 mm 13 mm 6 mm	8 000
7100192705	Grit: Silicon carbide extra coarse	125 mm 13 mm 6 mm	7 000
7100192706	Grit: Silicon carbide extra coarse	150 mm 13 mm 6 mm	6 000

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

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100175521	Grit: Silicon carbide extra coarse	50 mm	18 000
7100173795	Grit: Silicon carbide extra coarse	75 mm	15 000

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

Catalogue no.	Description	Dimensions (Ø Arbor hole Shaft)	Max. RPM
7100192712	Grit: Silicon carbide extra coarse	100 mm 13 mm 6 mm	8 000
7100192733	Grit: Silicon carbide extra coarse	125 mm 13 mm 6 mm	7 000
7100192734	Grit: Silicon carbide extra coarse	150 mm 13 mm 6 mm	6 000

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

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7100179815	Grit: Silicon carbide extra coarse	50 mm	18 000
7100173790	Grit: Silicon carbide extra coarse	75 mm	15 000

Scotch-Brite™ Rapid Cut Unitised Wheel RC-UR

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000046303	Hardness 9 C coarse+	50,8 mm	22 100
7000046276	Hardness 9 C coarse+	76,2 mm	15 000
7000028561	Hardness 9 C extra coarse+	76,2 mm	15 000

Scotch-Brite™ Roloc™ EXL Unitised Wheel XL-UR

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000045976	Hardness 2 Grit: Silicon carbide fine	50 mm	22 100
7000045977	Hardness 6 Grit: Silicon carbide fine	50 mm	22 100
7100000860	Hardness 2 Grit: Aluminium oxide medium	50 mm	22 100
7000045979	Hardness 6 Grit: Aluminium oxide medium	50 mm	22 100
7000045980	Hardness 8 Grit: Aluminium oxide medium	50 mm	22 100
7100000871	Hardness 8 Grit: Aluminium oxide coarse	50 mm	22 100
7100005209	Hardness 2 Grit: Silicon carbide fine	75 mm	15 000
7000045978	Hardness 6 Grit: Silicon carbide fine	75 mm	15 000
7100000858	Hardness 2 Grit: Aluminium oxide medium	75 mm	15 000
7000028469	Hardness 6 Grit: Aluminium oxide medium	75 mm	15 000
7000045981	Hardness 8 Grit: Aluminium oxide medium	75 mm	15 000
7000028470	Hardness 8 Grit: Aluminium oxide coarse	75 mm	15 000

Scotch-Brite™ Roloc™ Unitised Wheel Deburr & Finish Pro DP-UR

Catalogue no.	Description	Dimension (Ø Thickness)	Max. RPM
7010329346	Hardness 2 Grit: Silicon carbide fine	75 mm 6 mm	15 100
7010300983	Hardness 4 C medium+	75 mm 3 mm	15 100
7010295274	Hardness 4 C medium+	75 mm 6 mm	15 100
7100081368	Hardness 6 C medium+	50 mm 3 mm	22.100
7100081367	Hardness 6 C medium+	50 mm 6 mm	22.100
7100081366	Hardness 6 C medium+	75 mm 3 mm	15 100
7100081365	Hardness 6 C medium+	75 mm 6 mm	15 100
7100109130	Hardness 8 C coarse+	75 mm 3 mm	15 100
7100109110	Hardness 8 C coarse+	75 mm 6 mm	15 100

Scotch-Brite™ Roloc™ Cut & Polish Unitised Wheel CP-UR

Catalogue no.	Description	Dimension (Ø Thickness Arbor hole)	Max. RPM
7000078002	Hardness 5 Grit: Aluminium oxide fine	50 mm 3 mm 10 mm	22 100
7000078003	Hardness 5 Grit: Aluminium oxide fine	50 mm 6 mm 10 mm	22 100
7000078 000	Hardness 5 Grit: Aluminium oxide fine	75 mm 3 mm 10 mm	15 000
7000078001	Hardness 5 Grit: Aluminium oxide fine	75 mm 6 mm 10 mm	15 000

Scotch-Brite™ Roloc™ Flap Brush CB-ZR

Catalogue no.	Description	Dimension (Ø Width)	Max. RPM
7000077912	rot P80 Grit: Aluminium oxide fine	63 mm 32 mm	7 000
7000077906	rot P120 Grit: Aluminium oxide fine	63 mm 32 mm	7 000
7000077939	rot P180 Grit: Aluminium oxide fine	63 mm 32 mm	7 000

Scotch-Brite™ Roloc™ Flap Brush FF-ZR

Catalogue no.	Description	Dimension (Ø Width)	Max. RPM
7000077926	red Grit: Aluminium oxide very fine	50 mm 25 mm	12 000
7000077905	grey Grit: Silicon carbide fine	50 mm 25 mm	12 000
7000077921	red Grit: Aluminium oxide very fine	63 mm 32 mm	9 000
7000077899	grey Grit: Silicon carbide fine	63 mm 32 mm	9 000
7000077914	red Grit: Aluminium oxide very fine	75 mm 35 mm	7 500
7000077909	grey Grit: Silicon carbide fine	75 mm 35 mm	7 500
7000077917	red Grit: Aluminium oxide coarse	75 mm 35 mm	7 500

Scotch-Brite™ Roloc™ Flap Brush PF-ZR

Catalogue no.	Description	Dimension (Ø Width)	Max. RPM
7000077928	brown Grit: Aluminium oxide medium	50 mm 25 mm	12 000
7000077933	brown Grit: Aluminium oxide medium	63 mm 32 mm	9 000
7000077904	brown Grit: Aluminium oxide medium	75 mm 35 mm	8 000

Scotch-Brite™ Roloc™ Flap Brush MS-ZR

Catalogue no.	Description	Dimension (Ø Width)	Max. RPM
7100093976	white Grade T	75 mm 35 mm	7 500

Scotch-Brite™ Roloc™ Bristle Disc RD-ZB

Catalogue no.	Description	Dimension (Ø)	Max. RPM
7000000740	green P50	25 mm	30 000
7100138319	yellow P80	25 mm	30 000
7000000741	white P120	25 mm	30 000
7000000775	purple P36	50 mm	25 000
7100138285	green P50	50 mm	25 000
7100138284	yellow P80	50 mm	25 000
7100138286	white P120	50 mm	25 000

7000000777	purple P36	75 mm	18 000
7100138305	green P50	75 mm	18 000
7100138307	yellow P80	75 mm	18 000
7100138306	white P120	75 mm	18 000

ACCESSORIES FOR 3M™ ROLOC™ PRODUCTS

3M™ Roloc™ Mandrel ZR-AC

Catalogue no.	Description	Dimension (Ø for disc thickness)
7000077896	blue for Scotch-Brite™ Roloc™ Unitised Wheel CP-UR	6.0 mm 3.175 mm (1/8")
7000077907	red for Scotch-Brite™ Roloc™ Unitised Wheel CP-UR	6.0 mm 6.35 mm (1/4")
7000077893	black for Scotch-Brite™ Roloc™ Unitised Wheel CP-UR	6.0 mm 12.7 mm (1/2")

3M™ Roloc™+ Mandrel ZR-AC

Catalogue no.	Description	Abrasive mount (Ø)
7000077929	6 mm shaft	50 mm
7000077929	6 mm shaft	50 mm
7000033538	6 mm shaft	75 mm
7000033538	6 mm shaft	75 mm

3M™ Roloc™ Abrasive Disc Pad DR-AC with M14 Mount

Catalogue no.	Description	Abrasive mount (Ø)
7000045693	soft (S) M14 mount	75 mm
7000045695	medium (M) M14 mount	75 mm
7000028376	hard (H) M14 mount	75 mm
7000045692	extra hard (X) M14 mount	75 mm

3M™ Roloc™ Abrasive Disc Pad DR-AC with 1/4" Mount

Catalogue no.	Description	Abrasive mount (Ø)
7000045278	soft (S) 1/4" mount	50 mm
7000045282	medium (M) 1/4" mount	50 mm
7000000441	hard (H) 1/4" mount	50 mm
7000045284	extra hard (X) 1/4" mount	50 mm
7100010386	soft (S) 1/4" mount	75 mm
7000000602	medium (M) 1/4" mount	75 mm
7100002305	hard (H) 1/4" mount	75 mm
7000045285	extra hard (X) 1/4" mount	75 mm

3M™ Roll Pin with 6 mm Shaft

Catalogue no.	Description	Sank (Ø)
7000045678	for 3M™ Roloc™ Abrasive Disc Pad DR-AC with 1/4" Mount	6 mm

INDUSTRIAL SAFETY PRODUCTS

WELDING MASKS

3M™ Speedglas™ Automatic Welding Mask 9100

Catalogue no.	Description
7000000215	Welding mask without side window
7000000218	Welding mask with side window

EYE PROTECTION

3M™ SecureFit™ Safety Glasses 400

Catalogue no.	Description
7100078989	clear Anti-scratch Anti-fog
7100078987	grey Anti-scratch Anti-fog
7100078986	yellow Anti-scratch Anti-fog
7100078988	mirrored Anti-scratch

3M™ SecureFit™ Safety Glasses 600

Catalogue no.	Description
7100112717	clear grey frame Anti fog
7100112716	grey grey frame Anti fog
7100112712	yellow grey frame Anti fog
7100112721	grey frame IR 1.7
7100112724	grey frame IR 3.0
7100112715	grey frame IR 5.0

3M™ GoggleGear 500

Catalogue no.	Description
7100074368	clear

RESPIRATORY PROTECTION

3M™ Aura™ Folding Mask Series 9300+

Catalogue no.	Description
7000088724	FFP1
7000088722	FFP2
7100101249	FFP3
7000088725	FFP1
7000088723	FFP2
7000088812	FFP3

3M™ Face Mask 8835+ | 8825+

Catalogue no.	Description
7100081542	FFP3
7100081543	FFP2

3M™ Half Mask Series 7000 | 7500

Catalogue no.	Description
7000104176	Series 7500 Silicone version Size S
7000104177	Series 7500 Silicone version Size M
7000104178	Series 7500 Silicone version Size L
7000108591	Series 7000 Natural rubber and silicone-free Size M
7000108592	Series 7000 Natural rubber and silicone-free Size L

EAR PROTECTION

3M Banded Ear Plugs

Catalogue no.	Description
7000103729	blue SNR = 23 db
7000103753	blue SNR = 21 db
7000103756	SNR = 21 db
7000103730	yellow Replacement earbuds 500 pairs

Preformed PU Earplugs

Catalogue no.	Description
7000073415	in aluminium box SNR = 37 db
7100100637	without cord SNR = 37 db
7100100638	with cord SNR = 37 db
7100100640	with cord SNR = 34 db
7100100639	without cord SNR = 34 db

3M™ Peltor™ earmuffs

Catalogue no.	Description
7000039616	3M™ Peltor™ OPTIME™ I yellow SNR = 27 db
7000103987	3M™ Peltor™ X1 green SNR = 27 db
7000103989	3M™ Peltor™ X2 yellow SNR = 31 db
7000103991	3M™ Peltor™ X3 red SNR = 35 db
7000103993	3M™ Peltor™ X4 light green SNR = 33 db
7000103995	3M™ Peltor™ X5 black SNR = 37 db

FURTHER PROTECTION

3M™ Peltor™ Safety Helmet G3000

Catalogue no.	Description
7100001960	white ventilated with ratchet and plastic sweatband
7000039720	orange ventilated with ratchet and plastic sweatband
7000108315	green ventilated with ratchet and plastic sweatband
7000039721	red ventilated with ratchet and plastic sweatband
7000009701	yellow ventilated with ratchet and plastic sweatband

3M™ PU-coated Protective Glove

Catalogue no.	Description
7000061523	Size 8 Small
7000061524	Size 9 medium
7000032384	Size 10 Large
7000032385	Size 11 Extra large





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