



SCOTCH-BRITE™ NON-WOVEN ABRASIVES SALES GUIDE

HOW TO USE THIS INTERACTIVE TRAINING TOOL

This tool has been designed to help you narrow down the correct product recommendation(s) for the customer as quickly as possible. By using the navigation buttons at the top, you can jump to the sections that are most relevant for the current scenario.

The links are built into the document, so it doesn't require an internet connection to function.

When you click on the red section divider buttons above, they will reveal sub menus. This allows you to filter by application/process etc.

Once you've opened the sub menus, a grey button indicates the page that you're on, while blue or green buttons represent another page that can be clicked on.

To view more detailed information about a recommendation, simply click on the product image. You'll be taken to a new page showing the features and benefits, and you'll also be able to access the product ordering information.

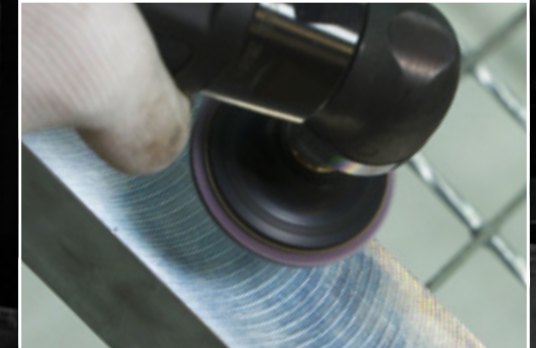
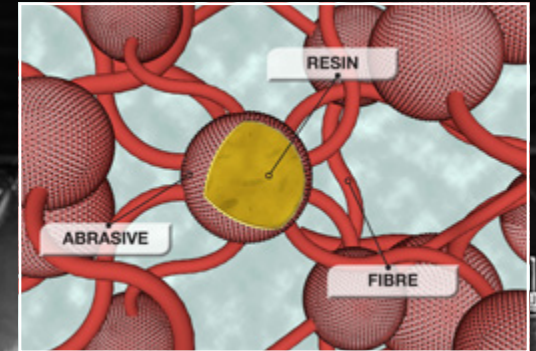
You can always click on the 'home' icon at the bottom to come back to this page.

Click on the left and right arrows to navigate through the document one page at a time.



SCOTCH-BRITE™ NON-WOVEN ABRASIVE TECHNOLOGY

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



- ✓ UNCOMPROMISING QUALITY
- ✓ LASTS LONG, FINISHES STRONG
- ✓ REPEATABLE RESULTS



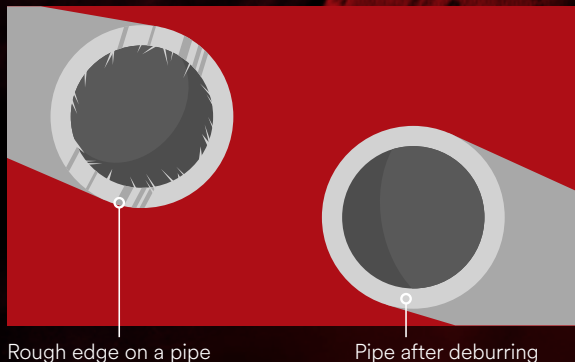
WHAT IS DEBURRING?

WHAT IS A BURR?

A burr is a rough/sharp edge or ridge. Burrs are most commonly created as a result of metal fabrication processes such as cutting, grinding, welding, milling, engraving etc.

WHAT IS DEBURRING?

Deburring is the process of smoothing out the imperfections of the rough/sharp edges or ridges of an object, typically one made of metal. No matter the size of the work, deburring and finishing is an incredibly important process with the view to removing any undesirable flaws and imperfections before moving onto the next stage of work.



WHAT IS THE DIFFERENCE BETWEEN DEBURRING & FINISHING?

Finishing is the process of altering the surface of a workpiece, removing scaling, pitting or machinelines in order to enhance the visible quality of the workpiece or prepare it for a next step in the process e.g. painting.

VARIABLES TO CONSIDER WHEN WORKING TOWARDS THE PERFECT FINISH:

Choosing the right abrasive is critical to achieving a desired finish. Make sure you pay attention to attributes such as:

- » Abrasive type (coated, non-woven, micro replicated etc.)
- » Grade (medium, very fine, 120+, P120 etc.)
- » Mineral (ceramic, aluminium oxide etc.)

WHAT IS CLEANING & SURFACE PREP?

WHAT DOES IT MEAN TO PREP A SURFACE?

Surface preparation is the process of treating a surface in order to increase its adhesion to coatings. Unlike other abrasives, Scotch-Brite™ non-woven products leave micro-scratches on the surface that create a greater surface area for bonding. By producing such micro-scratches the surface area can be increased by up to 40%, which translates to greater adhesion.

WHAT TYPICALLY NEEDS TO BE CLEANED FROM METAL?

Cleaning removes unwanted material from the surface of metal and can be in various forms:

- » Weld discolouration
- » Rust/scale
- » Paint

WHAT IS THE DIFFERENCE BETWEEN CLEANING A SURFACE AND PREPPING IT?

Cleaning is the process of removing unwanted material whereas prepping a surface is the process of creating a surface that improves adhesion for a subsequent coating.



WHAT IS FINISHING & BLENDING?

WHAT DOES THE BLENDING AND FINISHING OF METAL INVOLVE?

Blending is the process of making different surface finishes appear more uniform. Finishing is the process of creating a smoother finish. Scotch-Brite™ non-woven products will leave a smooth, unburred surface.

WHAT IS THE DIFFERENCE BETWEEN BLENDING AND FINISHING?

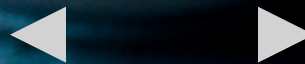
Finishing is the process of improving the finish of a component which then may be different from the original finish, so may need a further process to blend the finishes so they are more similar.

e.g. After manually finishing a stainless steel part with a hand tool, there will be a difference between this finish and the original linear as supplied finish which will then need to be blended with a handpad to soften the difference between the 2 finishes.

VARIABLES TO CONSIDER WHEN WORKING TOWARDS THE PERFECT FINISH:

Choosing the right abrasive is critical to achieving a desired finish. Make sure you pay attention to attributes such as:

- » Abrasive type (coated, non-woven, micro replicated etc)
- » Grade (medium, very fine, P120, 120+ etc)
- » Mineral (ceramic, aluminium oxide etc)



WHAT IS LIGHT GRINDING?

WHAT IS METAL GRINDING?

Metal grinding is the process of removing excess metal from e.g. the casting, forging or welding process to create the desired shape of the component.

Scotch-Brite™ branded products such as Deburr & Finish Pro Unitised Discs or Light Grinding and Blending Surface Conditioning Discs can all be used for light grinding applications, power tool dependent.

WHAT IS THE DIFFERENCE BETWEEN LIGHT AND HEAVY GRINDING?

Light grinding is where there is only a small amount of metal to be removed, such as a TIG weld or die formed forging, where a fine grade coated abrasive or even a non-woven product can be used to remove the excess metal.

Heavy grinding is where there is a larger amount of metal removal involved such as a MIG weld or a casting gate where a coarse grade of coated abrasive is needed to remove the excess metal.



DEBURRING HARD METALS

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Deburr & Finish
Pro Unitised Disc –
DP-UD 6C MED

Small disc sander



Scotch-Brite™
Roloc™ Deburr
& Finish Pro
Unitised Disc

Die grinder



Scotch-Brite™
Deburr & Finish Pro
Unitised Wheel –
DP-UW 6C MED

Hand sanding



Scotch-Brite™
7440 Handpad

File belt machine

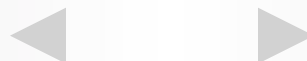


Scotch-Brite™
Durable Flex File
Belt DF-BL A CRS

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Deburring knife
- » Wire brush
- » Wire wheel
- » Sandpaper

Click on a product to find out more



DEBURRING SOFT METALS

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Deburr & Finish
Pro Unitised Disc –
DP-UD 2S FIN

Small disc sander



Scotch-Brite™
Deburr & Finish
Pro Unitised Disc –
DP-UD 2S FIN

Die grinder



Scotch-Brite™
Deburr & Finish Pro
Unitised Wheel –
DP-UW 2S FIN

Hand sanding



Scotch-Brite™
7447 Pro Handpad

File belt machine



Scotch-Brite™
Surface
Conditioning File
Belt SC-BS AVFN

TECH TIP: 
**WHAT TO
LOOK OUT FOR
ON THE WORKBENCH**

- » Deburring knife
- » Wire brush
- » Wire wheel
- » Sandpaper

Click on a product to find out more



CLEANING AND SURFACE PREPARATION — WELD DISCOLOURATION

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Bristle Disc
BD-ZB P80

Small disc sander



Scotch-Brite™
Roloc™ Bristle Disc
RD-ZB P80

Die grinder



Scotch-Brite™
Radial Bristle
BB-ZS P80

Hand sanding



Scotch-Brite™
7447 Pro Handpad

File belt machine



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Flap disc
- » Wire brush
- » Pickling paste

Click on a product to find out more



CLEANING AND SURFACE PREPARATION — RUST/SCALE

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Clean & Strip XT
Pro Disc XO-DB

Small disc sander



Scotch-Brite™
Clean & Strip XT
Pro Roloc™ Disc
XO-DR

Die grinder



Scotch-Brite™
Clean & Strip XT
Pro Disc XO-ZS

Hand sanding



Scotch-Brite™
7440 Handpad

File belt machine



Scotch-Brite™
Durable Flex File
Belt DF-BL ACRS

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Flap disc
- » Wire brush
- » Fine grade fibre disc
- » Wire wool

Click on a product to find out more



CLEANING AND SURFACE PREPARATION — PAINT — CLEANING

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Bristle Disc
BD-ZB P50

Small disc sander



Scotch-Brite™
Roloc™ Bristle Disc
RD-ZB P50

Die grinder



Scotch-Brite™
Radial Bristle
BB-ZS P50

Hand sanding



Scotch-Brite™
7447 Pro Handpad

File belt machine



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Flap disc
- » Wire brush
- » Fine grade fibre disc
- » Wire wool
- » Sandpaper

Click on a product to find out more



CLEANING AND SURFACE PREPARATION — BEFORE PAINT/BONDING

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Surface
Conditioning Discs
SC-DH AMED

Small disc sander



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

Die grinder



Scotch-Brite™ Flap
Brush PF-ZS/R (Cut
& Polish) AMED

Hand sanding



Scotch-Brite™
7447 Pro Handpad

File belt machine



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Flap disc
- » Wire brush
- » Fine grade fibre disc

Click on a product to find out more



CLEANING AND SURFACE PREPARATION — REMOVAL OF SEALANTS/ADHESIVES

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Bristle Disc
BD-ZB P50

Small disc sander



Scotch-Brite™
Roloc™ Bristle Disc
RD-ZB P50

Die grinder



Scotch-Brite™
Radial Bristle
BB-ZS P50

Hand sanding



Scotch-Brite™
7447 Pro Handpad

File belt machine



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Flap disc
- » Wire brush
- » Fine grade fibre disc
- » Wire wool
- » Sandpaper

Click on a product to find out more



FINISHING AND BLENDING — BEFORE PAINT/BONDING

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Surface
Conditioning Disc
SC-DH AMED

Random orbital sander



Scotch-Brite™
Production Clean
& Finish Hookit™
Disc PR-HA A VFN

Die grinder



Scotch-Brite™
Flap Brush PF-ZS/R
(Cut & Polish) AMED

Small disc sander



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

Hand sanding



Scotch-Brite™
7447 Pro Handpad

TECH TIP:



WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Fine grade ROS disc
- » Fine grade flap/fibre disc
- » Sandpaper
- » Flap wheel

Click on a product to find out more



FINISHING AND BLENDING – STAINLESS STEEL

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Surface
Conditioning Disc
SC-DH AMED

Die grinder



Scotch-Brite™ Cut
& Polish Flap Brush
PF-ZS/R AMED

Hand sanding



Scotch-Brite™
7447 Pro Handpad

TECH TIP:



WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Fine grade ROS disc
- » Fine grade flap/fibre disc
- » Sandpaper
- » Flap wheel

Click on a product to find out more



FINISHING AND BLENDING – SOLID SURFACE

TOOL

Random orbital sander



RECOMMENDATION

Matt finish



Scotch-Brite™
Production Clean
& Finish Hookit
Disc PR-HA AVFN

Semi gloss finish



Scotch-Brite™
Clean & Finish
Hookit™ Disc
CF-HA SUFN

TECH TIP:



**WHAT TO
LOOK OUT FOR
ON THE WORKBENCH**

- » Other non-wovens:
 - » Handpads
 - » Rolls

Click on a product to find out more



FINISHING AND BLENDING — BLENDING

TOOL

RECOMMENDATION

Right angle grinder



Scotch-Brite™
Surface
Conditioning Disc
SC-DH AMED

Random orbital sander



Scotch-Brite™
Production Clean
& Finish Hookit™
Disc PR-HA AVFN

Die grinder



Scotch-Brite™ Cut
& Polish Flap Brush
PF-ZS/R AMED

Small disc sander



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

Hand sanding



Scotch-Brite™
7447 Pro Handpad

TECH TIP: 
**WHAT TO
LOOK OUT FOR
ON THE WORKBENCH**

- » Fine grade ROS disc
- » Fine grade flap/fibre disc
- » Sandpaper
- » Flap wheel

Click on a product to find out more



LIGHT GRINDING – EXTERNAL TIG WELD – HARD METALS

TOOL

Right angle grinder



Carbon steel



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

Stainless steel



Scotch-Brite™
Deburr & Finish
Pro Unitised Disc
DP-UD 6C MED+

File belt sander



Scotch-Brite™
Durable Flex File
Belt DF-BL ACRS

Small disc sander



Carbon steel



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

Stainless steel



Scotch-Brite™
Roloc™ Deburr &
Finish Pro Unitised
Disc DP-UR, 6C
MED+

RECOMMENDATION

TECH TIP: 
WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Fibre disc
- » Flap disc
- » Coated belts

Click on a product to find out more

LIGHT GRINDING – EXTERNAL TIG WELD – SOFT METALS

TOOL

RECOMMENDATION

Right angle grinder



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

File belt sander



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

Small disc sander



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

TECH TIP:



WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Fibre discs
- » Flap discs
- » Coated abrasive belts

Click on a product to find out more

LIGHT GRINDING – INTERNAL TIG WELD – HARD METALS

TOOL

Small disc sander



Scotch-Brite™
Roloc™ Deburr &
Finish Pro Unitised
Disc DP-UR 8C CRS+

File belt sander



Scotch-Brite™
Durable Flex File
Belt DF-BL ACRS

RECOMMENDATION

TECH TIP:



WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Small coated discs
- » Coated abrasive belts

Click on a product to find out more

LIGHT GRINDING – INTERNAL TIG WELD – SOFT METALS

TOOL

Small disc sander



Scotch-Brite™
Roloc™ Deburr &
Finish Pro Unitised
Disc DP-UR 8C CRS+

File belt sander



Scotch-Brite™
Durable Flex File
Belt DF-BL AMED

RECOMMENDATION

TECH TIP:



WHAT TO
LOOK OUT FOR
ON THE WORKBENCH

- » Small coated discs
- » Coated abrasive belts

Click on a product to find out more

SCOTCH-BRITE™ DEBURR & FINISH PRO UNITISED DISC — DP-UD

TECH TIP:

WHY WILL IT WIN AGAINST FLAP DISCS?

- » Won't gouge surface – reduction in rework, deskills the job
- » Leaves a better finish – removes need for extra steps, reducing production time
- » More conformable – easier to work with and reduces vibration
- » Provides a better deburred surface as produces a true radiused edge



Our Scotch-Brite™ Deburr and Finish PRO Unitised Disc is a new disc designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. This multi purpose disc is unique, because it's engineered to do all three.

- » Unitised production enhances abrasive durability and strength, helping prolong service life
- » 3M precision-shaped grain is engineered to cut fast and sharp, enabling quicker burr removal
- » Open coat construction permits dust and debris to escape, minimising loading
- » Perfect for moderate to heavy stock removal
- » Multi-purpose disc presents economical alternative to cartridge rolls, flap discs, flap discs and coated discs

SCOTCH-BRITE™ DEBURR & FINISH PRO UNITISED WHEEL DP-UW

TECH TIP:

WHY WILL IT WIN AGAINST WIRE BRUSHES AND WHEELS?



- » Safer to use – no danger of flying wires!
- » Provides a better deburred surface as produces a true radiused edge
- » More controlled action working on edge only as opposed to around it as wires splay out



Scotch-Brite™ Debur and Finish PRO Unitised Wheel is a new wheel designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. Our multi purpose wheel is unique, because it's engineered to do all three.

- » Unitised production enhances abrasive durability and strength, helping prolong service life
- » 3M precision-shaped grain is engineered to cut fast and sharp, enabling quicker burr removal
- » Non-woven construction permits dust and debris to escape, minimising loading
- » Conformability allows abrasive to stay in contact with complex-shaped parts in robotic processing
- » Perfect for moderate to heavy deburring
- » Multi-purpose wheel presents economical alternative to cartridge rolls, flap wheels, flap discs and coated discs

SCOTCH-BRITE™ ROLOC™ DEBURR & FINISH PRO UNITISED WHEEL DP-UR

TECH TIP:

WHY WILL IT WIN AGAINST SMALL COATED DISCS?



- » Won't gouge surface – reduction in rework, deskills the job
- » Leaves better finish – removes need for extra steps reducing production time
- » More conformable – easier to work with and reduces vibration
- » Provides a better deburred surface as produces a true radiused edge



Scotch-Brite™ Roloc™ Deburr and Finish PRO Unitised Wheel is a new wheel designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. This multi purpose wheel is unique, because it's engineered to do all three.

- » Unitised production enhances abrasive durability and strength, helping prolong service life
- » Non-woven construction permits dust and debris to escape, minimising loading
- » Perfect for moderate to heavy deburring
- » Roloc™ attachment for swift, easy connection to power tool
- » Multi-purpose wheel presents economical alternative to cartridge rolls, flap wheels, flap discs and coated discs



SCOTCH-BRITE™ HEAVY DUTY HAND PAD 7440

TECH TIP:

WHY WILL IT WIN AGAINST WIRE WOOL AND SANDPAPER?



- » More consistent action so results same every time
- » More conformable so able to reach more difficult areas more easily
- » More user friendly reducing risk of injury through splinters/abrasion of skin



The dense construction of Scotch-Brite™ Heavy Duty Hand Pad 7440 makes it our most aggressive and durable hand pad. The super strong pads cut through contaminants and oxides quickly and easily to break down adhesive coatings during heavy cleaning, deburring, and finishing applications.

- » Perform heavy duty cleaning, deburring and finishing applications with an aggressive, durable pad
- » Very high density Scotch-Brite™ pad is super aggressive for quick stock removal
- » Durable construction withstands extremely heavy use on the toughest surfaces
- » Cuts fast to remove coatings and corrosion in demanding cleaning and finishing applications
- » Performance similar to steel wool grade 4 without shredding, rusting, or splintering
- » May be used by hand, with a hand pad block or on an in-line sander



SCOTCH-BRITE™ DURABLE FLEX BELT DF-BL

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE BELTS?



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



Scotch-Brite™ Durable Flex Belt is the most flexible in our Scotch-Brite surface conditioning belt range, engineered for tough detail work such as deburring, blending and finishing, on a variety of metals. A reinforced low stretch backing and highly durable edge offers aggressive cutting ability.

- » Tough non-woven belt for effective deburring blending and cleaning
- » Resists chunking and works well on belt sanders with small contact wheels
- » Low stretch backing offers aggressive conditioning capability
- » Get a controlled cut to eliminate gouging and leave a burr-free finish
- » The most flexible belt in the Scotch-Brite™ surface conditioning belt range



SCOTCH-BRITE™ 7447 PRO HANDPAD

TECH TIP:

WHY WILL IT WIN AGAINST WIRE WOOL AND SANDPAPER?



- » More consistent action so results same every time
- » More conformable so able to reach more difficult areas more easily
- » More user friendly reducing risk of injury through splinters/abrasion of skin



Use Scotch Brite™ Hand Pad 7447 PRO for a wide variety of materials and tasks. It combines flexibility with effective cutting action and precise hand control, for consistent fine finishing results. Our pad features tightly graded aluminium oxide abrasives, designed to leave a smooth, finished surface on wood, metal, plastics, ceramics, porcelain, glass, rubber and composites.

This pad is a unique surface conditioning product, featuring abrasives blended into non woven nylon fibres – a breakthrough fibre coating technology that gives Scotch Brite PRO abrasive products a faster cut rate and more consistent scratch than its competitor non woven abrasive products. Using it reduces time and effort in finishing parts.

- » Superior alternative to steel wool, wire brushes, sandpaper, and other non-woven products for cleaning or finishing tasks
- » Very fine grade aluminium oxide abrasive cleans, finishes, grains, denibs, and defuzzes
- » Pad resists tearing, splintering, shredding, loading and will never rust, providing a long, useful life
- » Can be folded, stacked, or rolled for effective cleaning or conditioning on flat, irregular, or contoured surfaces



SCOTCH-BRITE™ SURFACE CONDITIONING BELT SC-BS

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE BELTS?



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



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

- » Tough, aggressive non-woven belt in a wide range of grades for heavy duty deburring and finishing
- » For use on backstand and off-hand equipment
- » Reinforced backing and non-woven open web material for flexibility in detail work, over contours and edges
- » Reduced loading and heat build-up allow longer operating times and consistent surface conditioning results
- » Aggressive cutting without gouging, removes surface imperfections, grindlines, mill, and other marks



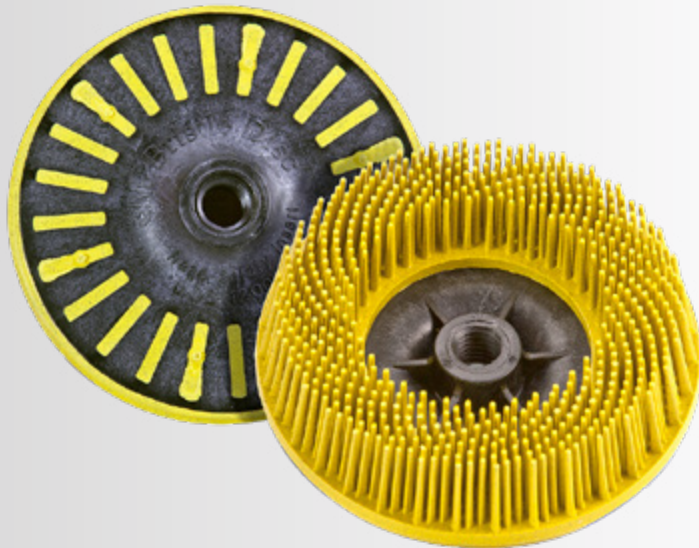
SCOTCH-BRITE™ BRISTLE DISC BD-ZB

TECH TIP:

WHY WILL IT WIN AGAINST WIRE CUP WHEELS?



- » Safer to use – no flying wires!
- » More aggressive for faster and more effective cleaning action
- » More conformable – easier to use with less vibration and better access into tight areas



Scotch-Brite™ Bristle Disc features ceramic abrasive grain and moulded, flexible bristles that provide more surface contact than wire brushes and maintains abrasive property throughout the life of the disc. Our bristle discs remove paint, stains, adhesives, weld burns, rust, heavy oxides and surface contaminants from large areas.

- » 3M™ Ceramic Abrasive Grain provides aggressive cutting and consistent finish quality throughout the life of the disc
- » Bristle spacing is ideal for coating removal and other high-loading substances
- » Contains no wire filaments for improved safety
- » Flexible bristles require less pressure than wire brushes and conform to contours, even on complex parts



SCOTCH-BRITE™ ROLOC™ BRISTLE DISC RD-ZB

TECH TIP:

WHY WILL IT WIN AGAINST SMALL COATED DISCS?



- » More conformable – easier to use with less vibration and better access into tight areas
- » Controlled action – reduces rejects and deskills job
- » Conforms to surface – won't remove excess metal or alter the shape of the part

Combine Scotch-Brite™ Bristle Discs with the Roloc™ Attachment System to help you efficiently clean, strip, deburr, blend, finish, polish, scratch, and remove rust and coatings without damaging the base substrate. The bristles of these discs remain safely in place and work well on steel, aluminium, and a variety of other metals when used in light pressure automotive maintenance and engine rebuilding applications.

- » Proprietary 3M Ceramic Abrasive Grain technology provides a high degree of finish quality
- » Bristle spacing is ideal for removing coatings and other high-loading substances
- » Convenient Roloc™ Attachment System offers quick and easy disc change-out



SCOTCH-BRITE™ RADIAL BRISTLE DISC BB-ZS

TECH TIP:

WHY WILL IT WIN AGAINST WIRE CUP WHEELS?



- » Safer to use – no flying wires!
- » More aggressive for faster and more effective cleaning action
- » More conformable – easier to use with less vibration and better access into tight areas



Scotch-Brite™ Radial Bristle Disc, using proprietary 3M™ Ceramic Abrasive Grain and molded, flexible bristles, provides more surface contact than wire brushes and maintains abrasive property throughout the life of the disc. Our fast running disc removes paint, stains, adhesives, weld burns, rust, heavy oxides, and surface contaminants from large areas.

- » Moulded, abrasive-filled bristles strip, deburr, blend, finish, polish, clean, and remove coatings more effectively, with less pressure than wire brushes
- » Flexible bristles require less pressure than wire brushes and conform to contours, even on complex parts
- » Bristle spacing is ideal for coating removal and other high-loading substances
- » Free from wire filaments for improved safety
- » Proprietary 3M™ Ceramic Abrasive Grain provides aggressive cutting and consistent finish quality throughout the life of the disc



SCOTCH-BRITE™ CLEAN AND STRIP XT PRO DISC XO-DB

TECH TIP:

WHY WILL IT WIN AGAINST WIRE-BASED PRODUCTS?



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



Scotch-Brite™ Clean and Strip XT Pro Disc features silicon carbide abrasive mineral incorporated into an open nylon web. Our discs effectively remove rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material.

- » Scotch-Brite™ Clean and Strip XT Pro Disc features silicon carbide abrasive mineral incorporated into an open nylon web. Our discs effectively remove rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material
- » High-strength fibre resists chunking and performs well on edges
- » High conformability provides a larger contact patch for faster removal rates
- » Silicon carbide mineral cuts aggressively and leaves a fine finish
- » Resists loading for consistent cutting action
- » High speed rating, low vibration and low spark



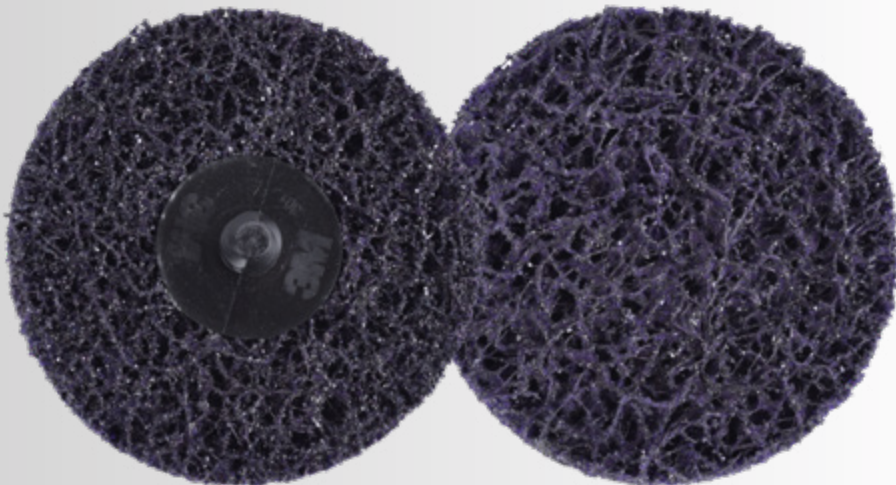
SCOTCH-BRITE™ CLEAN AND STRIP XT PRO DISC XO-ZS

TECH TIP:

WHY WILL IT WIN AGAINST WIRE-BASED PRODUCTS?



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



Scotch Brite™ Roloc™ Clean and Strip XT Pro Disc features silicon carbide abrasive mineral incorporated into an open nylon web. It effectively removes rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material. The high strength fibres are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece.

- » Quickly removes rust, paint, mill scale and coatings from metal
- » High-strength fiber resists chunking and performs well on edges
- » High conformability provides a larger contact patch for faster removal rates
- » Silicon carbide mineral cuts aggressively and leaves a fine finish
- » Resists loading for consistent cutting action
- » High speed rating, low vibration and low spark
- » Roloc™ attachment system makes disc changes easy
- » Requires use of Roloc™ backup pad (sold separately)



SCOTCH-BRITE™ SURFACE CONDITIONING DISC SC-DH

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE DISCS?



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



Scotch-Brite™ Surface Conditioning Disc comes in a wide variety of grades and sizes and is an ideal first step for cleaning, blending, deburring, and finishing. Durable, non-woven fibre construction conforms well on irregular or contoured surfaces without undercutting or damaging the base material.

- » Variety of abrasive grades and sizes provide an ideal starting point for cleaning, finishing, blending, and light deburring
- » Open web material runs cool and resists loading for prolonged operation
- » Conformable disc conditions surfaces without gouging, undercutting, or damaging the base material
- » Suitable for metal, composite, plastics, and other materials
- » Hook and loop attachment system provides fast disc change-out for multi-step finishing processes



SCOTCH-BRITE™ ROLOC™ SURFACE CONDITIONING DISC SC-DR

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE DISCS?



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

The Scotch-Brite™ Roloc™ Surface Conditioning Disc combines our durable, non woven disc with the efficient 3M™ Roloc™ quick change attachment system for an effective disc that cleans, finishes, blends, and deburrs. Our non woven fibre construction conforms well to help preserve irregular or contoured surfaces and the Roloc™ backing supports the disc for aggressive cutting.

- » Tough non-woven disc aggressively deburrs and finishes
- » Conformable, non-woven disc combined with 3M™ Roloc™ backing allows for aggressive cutting
- » Open-web construction resists loading and runs cool, allowing for consistent finishes
- » Convenient 3M™ Roloc™ attachment system offers quick and easy disc change-out for multi-step finishing processes



SCOTCH-BRITE™ SHAFT MOUNTED FLAP BRUSH PF-ZS

TECH TIP:

WHY WILL IT WIN AGAINST ABRASIVE FLAP/COMBI WHEELS?



- » Produces a finer more consistent finish resulting in less part to part variation
- » More conformable for better access to surface variations
- » and improved operator comfort
- » Less aggressive so reducing the likelihood of rejects and deskilling the job

Use Scotch-Brite™ Shaft Mounted Flap Brush to give a fine uniform finish to a variety of metal work pieces, without leaving chatter marks. The fine, matt scratch pattern offered by our shaft mounted flap brushes results in a finer finish compared to a combi wheel.

- » With a fine, matt scratch pattern that produces a finer finish than a combi wheel
- » Designed for use on all metals
- » Give a uniform finish to work pieces, without leaving chatter marks
- » Suitable for light deburring



SCOTCH-BRITE™ HOOKIT™ PRODUCTION CLEAN AND FINISH DISC PR-HA

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE PAPER DISCS?



- » More consistent finish leading to less part to part variation
- » Produces a better blended finish
- » More conformable so better able to deal with variations on the surface of the part



Scotch-Brite™ Hookit™ Production Clean and Finish Disc uses an aluminium oxide abrasive, which is a popular choice among industrial professionals because of its fast cut rate and long life. Our discs are unique surface conditioning products with abrasives incorporated into non woven nylon fibres.

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



SCOTCH-BRITE™ HOOKIT™ CLEAN AND FINISH DISC CF-HA

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE PAPER DISCS?



- » More consistent finish leading to less part to part variation
- » Produces a better blended finish
- » More conformable so better able to deal with variations on the surface of the part



Scotch-Brite™ Hookit™ Clean and Finish Disc is a durable finishing disc that gives you effective light to moderate cleaning, scratch blending, deburring, and creating satin finishes on aluminium, stainless steel, and other metals, and is also suitable for use on plastics, wood and fibreglass.

- » Ultra fine grade is effective for light to moderate cleaning, satin finishing, scratch blending and deburring
- » Conformability to access hard-to-reach and contoured areas
- » Non-woven 3D structure provides long life and consistent finishes
- » 3M™ Hookit™ quick-change system provides fast and easy disc attachment and removal



SCOTCH-BRITE™ LIGHT GRINDING AND BLENDING DISC GB-DH

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE DISCS?



- » Produces more consistent results reducing part to part variation
- » Leaves a better surface finish resulting in improved part appearance
- » Won't gouge surface reducing rejects and desking job
- » Able to remove weld in one step leaving a better finish – removes need for extra steps reducing production time

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

- » Grinds and blends in a single step
- » Ceramic aluminium oxide abrasives cut fast and consistent over the life of the disc
- » Durable construction resists edge wear
- » Scotch-Brite™ material won't melt on hot welds, allowing blending without waiting
- » Non-woven web is load and heat-resistant



SCOTCH-BRITE™ LIGHT GRINDING AND BLENDING DISC GB-DR

TECH TIP:

WHY WILL IT WIN AGAINST COATED ABRASIVE DISCS?



- » Produces more consistent results reducing part to part variation
- » Leaves a better surface finish resulting in improved part appearance
- » Won't gouge surface reducing rejects and desking job
- » Able to remove weld in one step leaving a better finish – removes need for extra steps reducing production time

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

- » Grinds and blends in a single step
- » Ceramic aluminium oxide abrasives cut fast and consistent over the life of the disc
- » Durable construction resists edge wear
- » Scotch-Brite™ material won't melt on hot welds, allowing blending without waiting
- » Roloc™ attachment system offers quick and easy disc change-out for multi-step finishing processes



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ DEBURR & FINISH PRO UNITISED DISC — DP-UD

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|--------|---------------|---------|----------|
| 7010412238 | DP-UD D&F PRO 2SFN UTZ 4-1/2X7/8 IN DC | S FIN | Unitised Disc | 5 | 5 |
| 7100081369 | DP-UD D&F 6C MED+ UTZ 4-1/2 X 7/8 IN DC | C MED+ | Unitised Disc | 5 | 5 |
| 7100109111 | DP-UD D&F PRO 8C CRS+ UTZ 4-1/2X7/8IN DC | C CRS+ | Unitised Disc | 5 | 5 |

SCOTCH-BRITE™ ROLOC™ DEBURR & FINISH PRO UNITISED WHEEL DP-UR

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|--------|----------------------|---------|----------|
| 7010329346 | DP-UR D&FROLOC 2SFIN TRUTZ 3X1/4INXNH WL | S FIN | Roloc Unitised Wheel | 10 | 40 |
| 7010295274 | DP-UR D&FPRO 4CMED+ TR UTZ 3X1/4INXNH WL | C MED+ | Roloc Unitised Wheel | 10 | 40 |
| 7100081368 | DP-UR D&FROLOC 6CMED+TRUTZ 2X1/8INXNH WL | C MED+ | Roloc Unitised Wheel | 15 | 60 |
| 7100081367 | DP-UP D&FROLOC 6CMED+TRUTZ 2X1/4INXNH WL | C MED+ | Roloc Unitised Wheel | 15 | 60 |
| 7100081366 | DP-UR D&FROLOC 6CMED+TRUTZ 3X1/8INXNH WL | C MED+ | Roloc Unitised Wheel | 10 | 40 |
| 7100081365 | DP-UR D&FROLOC 6CMED+TRUTZ 3X1/4INXNH WL | C MED+ | Roloc Unitised Wheel | 10 | 40 |
| 7100109130 | DP-UR D&FROLOC 8CCRS+TRUTZ 3X1/8INXNH WL | C CRS+ | Roloc Unitised Wheel | 10 | 40 |
| 7100109110 | DP-UR D&FROLOC 8CCRS+TRUTZ 3X1/4INXNH WL | C CRS+ | Roloc Unitised Wheel | 10 | 40 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ DEBURR & FINISH PRO UNITISED WHEEL DP-UW

(further options on next page)

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|--------|----------------|---------|----------|
| 7100143465 | DP-UW D&F 2S FN UTZ 3 X 1/4 X 1/4 IN WL | S FIN | Unitised Wheel | 40 | 40 |
| 7100143460 | DP-UW D&F 2S FN UTZ 6 X 1/2 X 1 IN WL | S FIN | Unitised Wheel | 4 | 4 |
| 7100143476 | DP-UW D&F 2S FN UTZ 6 X 1 X 1 IN WL | S FIN | Unitised Wheel | 2 | 2 |
| 7010300983 | DP-UW D&FPRO 4CMED+ TR UTZ 3X1/8INXNH WL | C MED+ | Unitised Wheel | 10 | 40 |
| 7010365693 | DP-UW D&F PRO 4C MED+ UTZ 3X1/4X1/4IN WL | C MED+ | Unitised Wheel | 10 | 40 |
| 7010310029 | DP-UW D&F PRO 4C MED+ UTZ 3X1/2X1/4IN WL | C MED+ | Unitised Wheel | 20 | 20 |
| 7100083512 | DP-UW D&F 6C MED+ UTZ 1 X 1 X 3/16 IN WL | C MED+ | Unitised Wheel | 50 | 50 |
| 7100053413 | DP-UW D&F 6C MED+ UTZ 2 X 1/8 X 1/4IN WL | C MED+ | Unitised Wheel | 60 | 60 |
| 7100053414 | DP-UW D&F 6C MED+ UTZ 2 X 1/4 X 1/4IN WL | C MED+ | Unitised Wheel | 60 | 60 |
| 7100053418 | DP-UW D&F 6C MED+ UTZ 3 X 1/8 X 1/4IN WL | C MED+ | Unitised Wheel | 40 | 40 |
| 7100053419 | DP-UW D&F 6C MED+ UTZ 3 X 1/4 X 1/4IN WL | C MED+ | Unitised Wheel | 40 | 40 |
| 7100053421 | DP-UW D&F 6C MED+ UTZ 3 X 3/4 X 1/4IN WL | C MED+ | Unitised Wheel | 20 | 20 |
| 7100053422 | DP-UW D&F 6C MED+ UTZ 3 X 1 X 1/4IN WL | C MED+ | Unitised Wheel | 10 | 10 |
| 7010310028 | DP-UW D&F 6C MED+ UTZ 6 X 1/8 X 1/2IN WL | C MED+ | Unitised Wheel | 16 | 16 |
| 7100088615 | DP-UW D&F 6C MED+ UTZ 6 X 1/8 X 1 IN WL | C MED+ | Unitised Wheel | 16 | 16 |
| 7100088614 | DP-UW D&F 6C MED+ UTZ 6 X 1/4 X 1 IN WL | C MED+ | Unitised Wheel | 8 | 8 |
| 7100088613 | DP-UW D&F 6C MED+ UTZ 6X1/2X1/2 IN WL | C MED+ | Unitised Wheel | 4 | 4 |
| 7010310025 | DP-UW D&F PRO 6C MED+ UTZ 6X1/2X1 IN WL | C MED+ | Unitised Wheel | 4 | 4 |



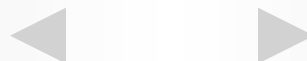
PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ DEBURR & FINISH PRO UNITISED WHEEL DP-UW

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|--------|----------------|---------|----------|
| 7100088655 | DP-UW D&F 6C MED+ UTZ 6 X 1 X 1/2 IN WL | C MED+ | Unitised Wheel | 2 | 2 |
| 7100066553 | DP-UW D&F 6C MED+ UTZ 6 X 1 X 1 IN WL | C MED+ | Unitised Wheel | 2 | 2 |
| 7100110967 | DP-UW D&F 8C CRS+ UTZ 2 X 1/8 X 1/4IN WL | C CRS+ | Unitised Wheel | 60 | 60 |
| 7100105326 | DP-UW D&F 8C CRS+ UTZ 3 X 1/8 X 1/4IN WL | C CRS+ | Unitised Wheel | 40 | 40 |
| 7100105529 | DP-UW D&F 8C CRS+ UTZ 3 X 1/4 X 1/4IN WL | C CRS+ | Unitised Wheel | 40 | 40 |
| 7100105530 | DP-UW D&F 8C CRS+ UTZ 3 X 1/2 X 1/4IN WL | C CRS+ | Unitised Wheel | 20 | 20 |
| 7100110912 | DP-UW D&F 8C CRS+ UTZ 3 X 1/2 X 3/8IN WL | C CRS+ | Unitised Wheel | 20 | 20 |
| 7010329496 | DP-UW D&F PRO 8C CRS+ UTZ 3X3/4X1/4IN WL | C CRS+ | Unitised Wheel | 20 | 20 |
| 7100105568 | DP-UW D&F 8C CRS+ UTZ 3 X 1 X 1/4 IN WL | C CRS+ | Unitised Wheel | 10 | 10 |
| 7100110911 | DP-UW D&F 8C CRS+ UTZ 6 X 1/2 X 1 IN WL | C CRS+ | Unitised Wheel | 4 | 4 |
| 7100111228 | DP-UW D&F 8C CRS+ UTZ 6 X 1 X 1 IN WL | C CRS+ | Unitised Wheel | 2 | 2 |

SCOTCH-BRITE™ HEAVY DUTY HAND PAD 7440

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---------------------------------|-------|----------|---------|----------|
| 7100182601 | CP-SH 7440 A MED 158 X 224MM SH | A MED | Hand Pad | 20 | 60 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ DURABLE FLEX BELT DF-BL

(further options on next page)

| SAP ID | Description | Grade | Form | Width (mm) | Length (mm) | Case qty |
|------------|---------------------------------------|-------|------------|------------|-------------|----------|
| 7000067935 | DF-BL A CRS 6X457 25/CTN 64696 | ACRS | File Belts | 6.0 | 457.0 | 25 |
| 7000067877 | SCOTCH-BRITE DF-BL A CRS 6X520 25/CTN | ACRS | File Belts | 6.0 | 520.0 | 25 |
| 7000067941 | DF-BL A CRS 6X610 25/CTN 64697 | ACRS | File Belts | 6.0 | 610.0 | 25 |
| 7000067929 | SCOTCH-BRITE DF-BL A CRS 13X30525/CTN | ACRS | File Belts | 13.0 | 305.0 | 25 |
| 7000067932 | DF-BL A CRS 13X61025/CTN 64699 | ACRS | File Belts | 13.0 | 610.0 | 25 |
| 7000067944 | SCOTCH-BRITE DF-BL A CRS 19X45725/CTN | ACRS | File Belts | 19.0 | 457.0 | 25 |
| 7000067933 | DF-BL A FIN 6X457 25/CTN 64693 | AFIN | File Belts | 6.0 | 457.0 | 25 |
| 7000067940 | DF-BL A FIN 6X610 25/CTN 64694 | AFIN | File Belts | 6.0 | 610.0 | 25 |
| 7000067937 | DF-BL A FIN 13X45725/CTN 64670 | AFIN | File Belts | 13.0 | 457.0 | 25 |
| 7000067930 | DF-BL A FIN 13X61025/CTN 64671 | AFIN | File Belts | 13.0 | 610.0 | 25 |
| 7000067942 | DF-BL A FIN 19X45725/CTN 64712 | AFIN | File Belts | 19.0 | 457.0 | 25 |
| 7000067873 | SCOTCH-BRITE DF-BL A MED 6X305 25/CTN | AMED | File Belts | 6.0 | 305.0 | 25 |
| 7000067934 | DF-BL A MED 6X457 25/CTN 64689 | AMED | File Belts | 6.0 | 457.0 | 25 |
| 7000067914 | SB DF-BL A MED 6X520 25/CTN | AMED | File Belts | 6.0 | 520.0 | 25 |
| 7000067939 | DF-BL A MED 6X610 25/CTN 64690 | AMED | File Belts | 6.0 | 610.0 | 25 |
| 7000067928 | SCOTCH-BRITE DF-BL A MED 13X30525/CTN | AMED | File Belts | 13.0 | 305.0 | 25 |
| 7000067936 | DF-BL A MED 13X45725/CTN 64691 | AMED | File Belts | 13.0 | 457.0 | 25 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ DURABLE FLEX BELT DF-BL

| SAP ID | Description | Grade | Form | Width (mm) | Length (mm) | Case qty |
|------------|--------------------------------|-------|------------|------------|-------------|----------|
| 7000067936 | DF-BL A MED 13X45725/CTN 64691 | AMED | File Belts | 13.0 | 457.0 | 25 |
| 7000067931 | DF-BL A MED 13X61025/CTN 64692 | AMED | File Belts | 13.0 | 610.0 | 25 |
| 7000067943 | DF-BL A MED 19X45725/CTN 64708 | AMED | File Belts | 19.0 | 457.0 | 25 |

SCOTCH-BRITE™ 7447 PRO HANDPAD

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---|-------|----------|---------|----------|
| 7100023339 | 7447 PRO HANDPAD, 20 PADS/BOX, 3 BOX/CV | A VFN | Hand Pad | 20 | 60 |

SCOTCH-BRITE™ SURFACE CONDITIONING BELT SC-BS

(further options on next page)

| SAP ID | Description | Grade | Form | Width (mm) | Length (mm) | Box qty | Case qty |
|------------|--|-------|------------|------------|-------------|---------|----------|
| 7000068158 | SCOTCH-BRITE SC-BS A CRS 25/CTN 6X610 | ACRS | File Belts | 6.0 | 610.0 | 25 | 25 |
| 7000068033 | SC-BS A CRS 25/CTN 13X457 65347 | ACRS | File Belts | 13.0 | 457.0 | 25 | 25 |
| 7000068023 | SC-BS A CRS 25/CTN 13X610 65350 | ACRS | File Belts | 13.0 | 610.0 | 25 | 25 |
| 7000068132 | SC-BS A CRS 10/CTN 20X457 (UK/BE) | ACRS | File Belts | 20.0 | 457.0 | 10 | 10 |
| 7100030137 | SCOTCH-BRITE SC-BS A CRS 10/CTN 20X520 | ACRS | File Belts | 20.0 | 520.0 | 10 | 10 |
| 7000068156 | SCOTCH-BRITE SC-BS A MED 25/CTN 6X457 | AMED | File Belts | 6.0 | 457.0 | 25 | 25 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ SURFACE CONDITIONING BELT SC-BS

| SAP ID | Description | Grade | Form | Width (mm) | Length (mm) | Box qty | Case qty |
|------------|--|-------|------------|------------|-------------|---------|----------|
| 7000068164 | SCOTCH-BRITE SC-BS A MED 25/CTN 6X610 | AMED | File Belts | 6.0 | 610.0 | 25 | 25 |
| 7000068165 | SC-BS A MED 25/CTN 13X305 65345 | AMED | File Belts | 13.0 | 305.0 | 25 | 25 |
| 7000068161 | SC-BS A MED 25/CTN 13X457 65348 | AMED | File Belts | 13.0 | 457.0 | 25 | 25 |
| 7000068169 | SCOTCH-BRITE SC-BS A MED 25/CTN 13X520 | AMED | File Belts | 13.0 | 520.0 | 25 | 25 |
| 7000068162 | SCOTCH-BRITE SC-BS A MED 25/CTN 13X533 | AMED | File Belts | 13.0 | 533.0 | 25 | 25 |
| 7000068014 | SC-BS A MED 25/CTN 13X610 65351 | AMED | File Belts | 13.0 | 610.0 | 25 | 25 |
| 7000068163 | SCOTCH-BRITE SC-BS A MED 25/CTN 19X457 | AMED | File Belts | 19.0 | 457.0 | 25 | 25 |
| 7000068133 | SC-BS A MED 10/CTN 20X457 (UK/NE) | AMED | File Belts | 20.0 | 457.0 | 10 | 10 |
| 7000068152 | SCOTCH-BRITE SC-BS A MED 10/CTN 20X520 | AMED | File Belts | 20.0 | 520.0 | 10 | 10 |
| 7000068040 | SCOTCH-BRITE SC-BS A VFN 25/CTN 6X610 | AVFN | File Belts | 6.0 | 610.0 | 25 | 25 |
| 7000068160 | SC-BS A VFN 25/CTN 13X305 65346 | AVFN | File Belts | 13.0 | 305.0 | 25 | 25 |
| 7000068170 | SC-BS A VFN 25/CTN 13X457 65349 | AVFN | File Belts | 13.0 | 457.0 | 25 | 25 |
| 7000068015 | SC-BS A VFN 25/CTN 13X610 65352 | AVFN | File Belts | 13.0 | 610.0 | 25 | 25 |
| 7000068038 | SCOTCH-BRITE SC-BS A VFN 25/CTN 19X457 | AVFN | File Belts | 19.0 | 457.0 | 25 | 25 |
| 7000032773 | SB SC-BS A VFN (UK)10/CTN 20X457 | AVFN | File Belts | 20.0 | 457.0 | 10 | 10 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ BRISTLE DISC BD-ZB

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--------------------------------------|-------|--------------|---------|----------|
| 7100138287 | BD-ZB BRST 50 4.5 X M14-2 THREAD DC | B 50 | Bristle Disc | 5 | 10 |
| 7100138288 | BD-ZB BRST 80 4.5 X M14-2 THREAD DC | B 80 | Bristle Disc | 5 | 10 |
| 7100138289 | BD-ZB BRST 120 4.5 X M14-2 THREAD DC | B 120 | Bristle Disc | 5 | 10 |

SCOTCH-BRITE™ ROLOC™ BRISTLE DISC

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|-------|--------------|---------|----------|
| 7000000740 | RD-ZB ROLOC BRST 50 1 X 5/8 IN DC | B 50 | Bristle Disc | 20 | 80 |
| 7100138319 | RD-ZB ROLOC BRST 80 1 X 5/8 IN DC | B 80 | Bristle Disc | 20 | 80 |
| 7100138284 | 07525 80 ROLOC BRST MED TPD 2X5/8 IN DC | B 80 | Bristle Disc | 10 | 40 |
| 7100138286 | 07528 RD-ZB ROLOC BRST 120 WHT 2 IN DC | B 120 | Bristle Disc | 10 | 40 |
| 7100138305 | 07526 RD-ZB ROLOC BRST 50 W/INS 76MM DC | B 50 | Bristle Disc | 10 | 40 |
| 7100138307 | 07527 RD-ZB ROLOC BRST 80 W/INS 76 MM DC | B 80 | Bristle Disc | 10 | 40 |
| 7100138306 | 07529 RD-ZB ROLOC BRST 120 W/INS 76MM DC | B 120 | Bristle Disc | 10 | 40 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ RADIAL BRISTLE DISC BB-ZS

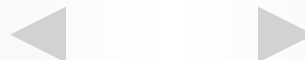
| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|-------|---------------------------|---------|----------|
| 7000078180 | BB-ZS SM RADIAL BRISTLE DISC 50MM P80 | B 80 | Radial Bristle Brush/Disc | 6 | 6 |
| 7000078175 | BB-ZS SM RADIAL BRISTLE DISCS 50 MM P120 | B 120 | Radial Bristle Brush/Disc | 6 | 6 |
| 7000078179 | BB-ZS SM RADIAL BRISTLE DISCS 50MM P220 | B 220 | Radial Bristle Brush/Disc | 6 | 6 |
| 7000078176 | BB-ZS SM RADIAL BRISTLE DISCS 76 MM P80 | B 80 | Radial Bristle Brush/Disc | 6 | 6 |
| 7000078177 | BB-ZS SM RADIAL BRISTLE DISCS 76 MM P120 | B 120 | Radial Bristle Brush/Disc | 6 | 6 |
| 7000078178 | BB-ZS SM RADIAL BRISTLE DISCS 76 MM P220 | B 220 | Radial Bristle Brush/Disc | 6 | 6 |

SCOTCH-BRITE™ CLEAN AND STRIP XT PRO DISC XO-DB

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|-------------------------------------|-------|------|---------|----------|
| 7100192333 | 51880 XO-DB PRO S XCRS 115X22MM DC€ | XCS | Disc | 10 | 10 |
| 7100192334 | 51881 XO-DB PRO S XCRS 178X22MM DC | XCS | Disc | 10 | 10 |

SCOTCH-BRITE™ ROLOC™ CLEAN AND STRIP XT PRO DISC XO-DR

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|-------|------------|---------|----------|
| 7100176087 | XO-DR ROL PROBKHB S XCS1-1/2 X 5/8 IN DC | S XCS | Roloc Disc | 10 | 10 |
| 7100175521 | XO-DR C&S XT PRO S XCS TR 2 IN DC | S XCS | Roloc Disc | 10 | 10 |
| 7100173795 | XO-DR C&S XT PRO ROLOC S XCS TR 3 IN DC | S XCS | Roloc Disc | 10 | 10 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ ROLOC™ CLEAN AND STRIP XT PRO DISC XO-ZS

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---------------------------------------|--------|------|---------|----------|
| 7100192707 | 51927 XO-ZS PRO S XCRS 75X13X6MM DC | S XCRS | Disc | 10 | 10 |
| 7100192709 | 51924 XO-ZS PRO S XCRS 100X13X6MM DC | S XCRS | Disc | 10 | 10 |
| 7100192710 | 51926 XO-ZS PRO S XCRS 150X13X8MM DC€ | S XCRS | Disc | 6 | 6 |

SCOTCH-BRITE™ SURFACE CONDITIONING DISC SC-DH

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|-------|---------|---------|----------|
| 7000068093 | SCOTCH-BRITE SC-DH A CRS 20/CTN 115XNH | A CRS | SC Disc | 20 | 20 |
| 7000032767 | SCOTCH-BRITE SC-DH A CRS 20/CTN 125XNH | A CRS | SC Disc | 20 | 20 |
| 7000032766 | SCOTCH-BRITE SC-DH A CRS 20/CTN 178XNH | A CRS | SC Disc | 20 | 20 |
| 7000067815 | SC-DH A MED 115X22 20/CTN 60982 | AMED | SC Disc | 20 | 20 |
| 7000032769 | SCOTCH-BRITE SC-DH A MED 125XNH | A MED | SC Disc | 20 | 20 |
| 7000032768 | SCOTCH-BRITE SC-DH A MED 20/CTN 178XNH | A MED | SC Disc | 20 | 20 |
| 7000068096 | SCOTCH-BRITE SC-DH A VFN 20/CTN 115XNH | A VFN | SC Disc | 20 | 20 |
| 7000067849 | SCOTCH-BRITE SC-DH A VFN 125X22 20/CTN | AVFN | SC Disc | 20 | 20 |
| 7000068088 | SC-DH A VFN DISC 20/CTN 150XNH | A VFN | SC Disc | 20 | 20 |
| 7000068095 | SCOTCH-BRITE SC-DH A VFN 20/CTN 178XNH | A VFN | SC Disc | 20 | 20 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ ROLOC™ SURFACE CONDITIONING DISC SC-DR

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---|-------|---------------|---------|----------|
| 7000000704 | SC-DR S/COND ROLOC A CRS TR 1 IN DC | A CRS | Roloc SC Disc | 50 | 200 |
| 7000000752 | SC-DR S/CON ROLOC A CRS TR W/SCRM 2IN DC | A CRS | Roloc SC Disc | 50 | 200 |
| 7000000756 | SC-DR S/COND ROLOC A CRS TR W/SCRM 3IN DC | A CRS | Roloc SC Disc | 25 | 100 |
| 7000021280 | SC-DR S/COND ROLOC A MED TR 1 IN DC | A MED | Roloc SC Disc | 50 | 200 |
| 7000045888 | SC-DR S/COND ROLOC TR A MED 1-1/2 IN DC | A MED | Roloc SC Disc | 50 | 200 |
| 7000000751 | SC-DR S/COND ROLOC A MED TR 2 IN DC | A MED | Roloc SC Disc | 50 | 200 |
| 7000000755 | SC-DR S/COND TR A MED 3 IN DC | A MED | Roloc SC Disc | 25 | 100 |
| 7000021279 | SC-DR S/COND ROLOC TR A VFN 1 IN DC | A VFN | Roloc SC Disc | 50 | 200 |
| 7000000750 | SC-DR S/COND ROLOC A VFN TR 2 IN DC | A VFN | Roloc SC Disc | 50 | 200 |
| 7000000754 | SC-DR S/COND TR A VFN 3 IN DC | A VFN | Roloc SC Disc | 25 | 100 |
| 7000000753 | SC-DR S/COND TR S SFN 2 IN DC | S SFN | Roloc SC Disc | 50 | 200 |
| 7000028501 | SC-DR S/COND ROLOC S SFN TR 3 IN DC | S SFN | Roloc SC Disc | 25 | 100 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ SHAFT MOUNTED FLAP BRUSH PF-ZS

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|-----------------------------------|--------|------------|---------|----------|
| 7100093982 | PF-ZS A MED 50X25X6MM 25/CTN | A MED | Flap Brush | 25 | 25 |
| 7100093971 | PF-ZS TYPE A MED 75X45X6 10/CTN | A MED | Flap Brush | 10 | 10 |
| 7000077931 | PF-ZS TYPE A T F 100X45X6 10/CTNS | A MED | Flap Brush | 10 | 10 |
| 7100093979 | PF-ZS TYPE A T 75X45X6 10/CTN | TYPE T | Brush | 10 | 10 |

SCOTCH-BRITE™ HOOKIT™ PRODUCTION CLEAN AND FINISH DISC PR-HA

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---------------------------------|-------|------|---------|----------|
| 7100138328 | PR-HA C&F HK A VFN 5 IN X NH DC | A VFN | Disc | 40 | 40 |
| 7100138329 | PR-HA C&F HK A VFN 6 IN X NH DC | A VFN | Disc | 40 | 40 |

SCOTCH-BRITE™ HOOKIT™ CLEAN AND FINISH DISC CF-HA

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|---------------------------------|-------|------|---------|----------|
| 7000100197 | SB HOOK C&F A VFN 125MM X NCH | A VFN | Disc | 20 | 20 |
| 7100138330 | CF-HA C&F HK S ULF 6 IN X NH DC | S ULF | Disc | 40 | 40 |



PRODUCT ORDERING INFORMATION

SCOTCH-BRITE™ LIGHT GRINDING AND BLENDING DISC GB-DH

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|----------|---------|---------|----------|
| 7000046244 | GB-DH G&B S/COND HDA CRS 4-1/2X7/8 IN DC | A CRS HD | SC Disc | 50 | 50 |
| 7000046245 | GB-DH G&B S/COND HDA CRS 5X7/8 IN DC | A CRS HD | SC Disc | 50 | 50 |
| 7000046247 | GB-DH G&B S/COND SDA CRS 5X7/8 IN DC | A CRS SD | SC Disc | 50 | 50 |
| 7000046249 | GB-DH LI G&B HDA CRS 7X7/8 IN DC | A CRS HD | SC Disc | 25 | 25 |
| 7000046248 | GB-DH G&B S/COND SDA CRS 7X7/8 IN DC | A CRS SD | SC Disc | 25 | 25 |

SCOTCH-BRITE™ ROLOC™ LIGHT GRINDING AND BLENDING DISC GB-DR

| SAP ID | Description | Grade | Form | Box qty | Case qty |
|------------|--|----------|---------------|---------|----------|
| 7100019197 | GB-DR ROL TR LG BL DC SDA CRS 1XNH 200/C | A CRS SD | Roloc SC Disc | 50 | 200 |
| 7100048019 | GB-DR ROL TR GB SCD SDA CRS 1-1/2XNH | A CRS SD | Roloc SC Disc | 50 | 200 |
| 7000046250 | GB-DR LI G&B ROLOC A CRS HD 2 IN DC | A CRS HD | Roloc SC Disc | 50 | 200 |
| 7000046251 | GB-DR LI G&B ROLOC SDA CRS TR 2 IN DC | A CRS SD | Roloc SC Disc | 50 | 200 |
| 7100007318 | GB-DR LI G&B ROLOC HDA CRS TR 3 IN DC | A CRS HD | Roloc SC Disc | 25 | 100 |
| 7100009310 | GB-DR LI G&B ROLOC SDA CRS TR 3 IN DC | A CRS SD | Roloc SC Disc | 25 | 100 |



2 STEP WELD REFINEMENT

- » Welding is used to join metal parts together to create a solid joint
- » In many cases, end customers demand the weld is levelled
- » Levelling the weld, i.e. removing the 'face' of the weld, creates a different surface texture
- » The surfaces (ground and unground) need to be blended together

- » Grinding marks need to be taken out quickly so as not to add cost
- » Typically it can be done with a non-woven disc using same rotary power tool

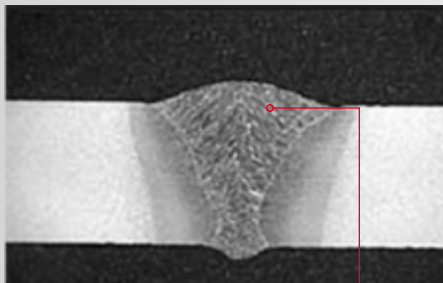
WELD REFINEMENT IS THEREFORE A 2 STEP PROCESS

Fibre disc + non-woven

- » In some cases (typically mild steel), parts need to be painted. This requires a third step with an orbital sander

Fibre disc + non-woven + sanding disc

- » This removes the rotary pattern, which can show through some paint systems



Weld x section



Welded assembly



Assembly refined with a non-woven



Step 2 – grinder Step 3 – orbital

Face and reinforcement zone

Rotary marks from grinding



WELD REFINEMENT PROCESS

TWO STEP PROCESS – FIBRE DISC & SURFACE CONDITIONING DISC

- » Stainless steel heat exchanger casing welded fabrication
- » Ideal opportunity for Scotch-Brite™ Light Grinding and Blending Surface Conditioning Disc GB-DH, 115mm



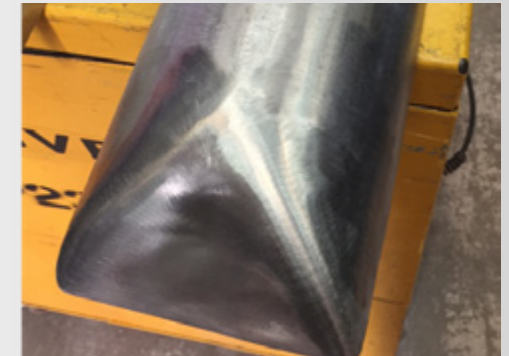
Weld prep marked



Weld prep – 3M™ 987C/787C 60+ Fibre Disc



Weld removed, whole surface refined



Finished – fibre disc marks removed and whole surface blended



WELD REFINEMENT PROCESS

Right angle grinder + back up pad
+ Fibre disc



- » 3M™ Cubitron™ II 9 Series
- » 3M™ 7 series



Right angle grinder + back up pad
+ Surface conditioning disc



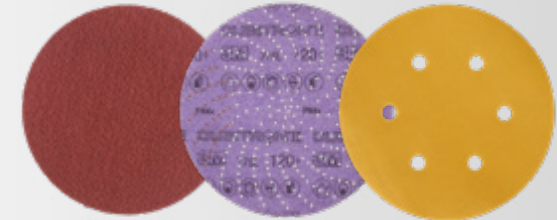
- » Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc, GB-DH
- » Scotch-Brite™ Surface Conditioning Disc, SC-DH



5mm random orbital sander*
+ Sanding disc



- » 3M™ Cubitron™ II 947A Cloth Backed Disc
- » 3M™ Cubitron™ II 775L Film Backed Disc
- » 3M™ 255P Paper Backed Disc



**Typically when parts are to be painted*



3M'S ULTIMATE SOLUTION



3M™ 7 Series Fibre Disc

Scotch-Brite™ Light Grinding and Blending Surface Conditioning Disc

- » Simply switch from fibre disc to Scotch-Brite™ disc
 - » No need to change tool or back up pad!
- » Up to 3x faster
- » Lasts up to 6x longer

- » Increased durability due to fibre disc back up pads with increased conformability (unlike fibre-backed surface conditioning discs)

1.4x FASTER

COMPETITOR

3M SOLUTION

3 mins

2 mins

2 mins 30 secs

2 mins

4 mins

2 mins 30 secs

**COMPETITOR
TOTAL TIME:**

09:30

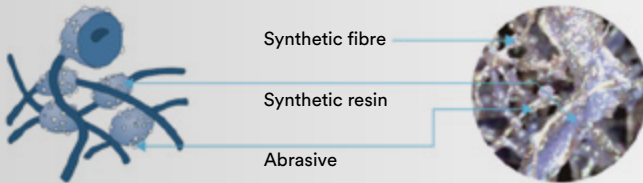
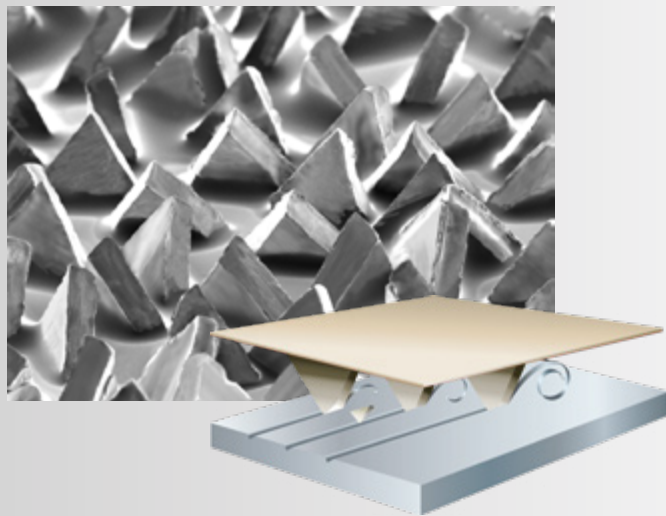
**3M SOLUTION
TOTAL TIME:**

06:30



3M'S ULTIMATE SOLUTION

INNOVATIVE TECHNOLOGIES



INNOVATIVE PRODUCTS



3M™ 7 Series Fibre Disc



Scotch-Brite™ Light Grinding and Blending Surface Conditioning Disc

WINNING SOLUTION

LESS VIBRATION

40% less exposure to vibration

» Speeds up the job, reduces vibration

CONSISTENCY

3M Precision Shaped Grain (PSG) provides more precise cut

» Less time to refine coated stage

LONGER LASTING

PSG lasts 3-4x longer

» Reducing consumable costs

DURABILITY

Scotch-Brite won't break down

» Reducing consumable costs

PRODUCTIVITY IMPROVEMENTS

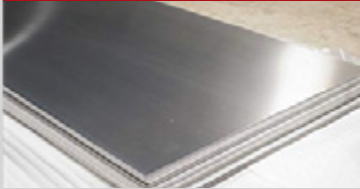
No need to change right angle grinder or back up pads

» Saves time



METAL FABRICATION STARTING PROCESS. COMMON FOR BOTH STAINLESS AND CARBON STEEL

PRIMARY STEEL



CUTTING



Guillotine



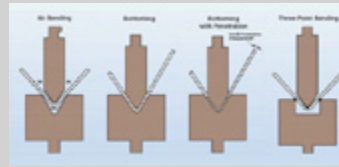
Laser cutter



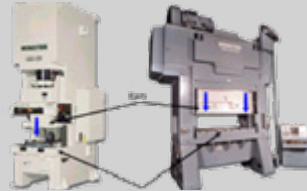
By hand with cut off wheel



FOLDING, BENDING



Bending and forming



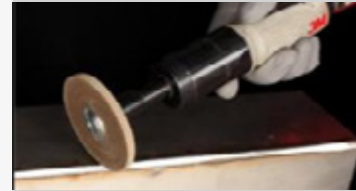
Hydraulic press



DEBURRING



Right angle grinder/tool



Die grinder



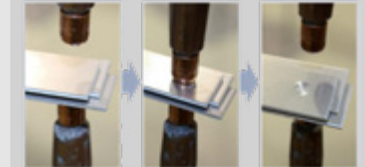
Fixed/bench motor



File belt tool



WELDING



Spot weld



TIG weld – light









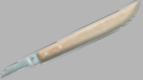

MIG/CO₂ weld – heavy

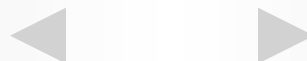


INDIRECT COMPETITION

Non-woven surface conditioning products are not necessarily always going to compete against a like-for-like product. Often there are many large indirect competition opportunities to spot!

Use the table below to identify the typical indirect product you may see being used and how, and then the best Scotch-Brite™ solution to compete against it:

| TYPE OF INDIRECT COMPETITION/ PRODUCT | WHAT'S IT USED FOR/APPLICATION? | WHICH SCOTCH-BRITE™ SOLUTION OR SOLUTIONS ARE MORE SUITED? | WHY 3M'S SCOTCH-BRITE SOLUTION IS BETTER/MORE SUITED/SAFER ETC |
|--|---|--|--|
| Wire brush  | Weld cleaning | Scotch-Brite™ Shaft Mounted Bristle Brush BB-ZS P80 | Scotch-Brite™ Shaft Mounted Bristle Brushes are more conformable and aggressive to give a more efficient cleaning action, and are much safer with no danger of flying steel wires. |
| Wire wheel  | Removal of rust/corrosion/ coatings from surface of steel | Scotch-Brite™ Clean and Strip XT Pro Disc XO-ZS | Scotch-Brite™ Clean & Strip XT Pro provides a faster, more aggressive clean for a better cleaned surface without the danger of flying steel wires, therefore is much safer. |
| Wire/steel wool  | Light cleaning of rust/ corrosion/contamination in hard to reach areas | Scotch-Brite™ Handpad 7447 Pro/7447+ | Scotch-Brite™ Handpad 7447 Pro/+ are more conformable for better access, more aggressive for better cleaning and more comfortable for hand use. |
| Wire cup  | Removal of heavy corrosion or scale on an angle grinder | Scotch-Brite™ Clean and Strip XT Pro Extra Cut, Type 27 Disc XC-RD | Scotch-Brite™ Clean & Strip XT Pro Extra Cut ,Type 27 Discs are more aggressive for a better cleaned surface, even removing the pits and are much safer with no danger of flying steel wires. |
| Flap disc  | Refining coarser grade scratch marks from fibre disc stage OR Corner TIG weld removal | Scotch-Brite™ Deburr & Finish Pro Type 27 Unitised Disc DP-UD 6C MED+ | Scotch-Brite™ Deburr & Finish Pro Unitised Discs provide a more controlled cut to reduce chance of rejects, and produces perfect rounded edges as well as being more comfortable to use with less vibration transfer to hands. |
| Fibre disc  | Small weld removal and coarse grade scratch refinement from coarser fibre discs on heavier weld | Scotch-Brite™ Light Grinding and Blending Surface Conditioning Disc GB-DH SD A CRS | Scotch-Brite™ Light Grinding and Blending Surface Conditioning Discs provide a more controlled cut to reduce chance of rejects and leaves a better finish, potentially allowing 2 steps to be replaced with 1 – saving time. |
| Deburring knife  | Deburring sharp edges on metal after cutting/machining operation | Scotch-Brite™ Deburring Wheel DB-WL on a bench motor OR 3M™ Scotch-Brite™ Deburr & Finish Pro Type 27 Unitised Disc DP-UD 6C MED+ on a right angle grinder | Scotch-Brite™ Deburring Wheels and Unitised Discs are easier and faster to use, whilst producing a better deburred edge with less chance of rejects. |
| Sandpaper  | General clean up applications | Scotch-Brite™ Handpad 7440 | Scotch-Brite™ Handpad 7440 is gentler on the hands, more conformable to access harder to reach areas and produces a better finish. |



QUESTIONS TO HELP YOU FIND THE BEST SOLUTION:

What do you manufacture on this site?

Which substrates do you typically work with?

Mild steel

Stainless steel

Aluminium

What process steps are involved in the manufacture of your products?

What is the process before the abrasive process?

What is your final surface finish required?

Measured

Cosmetic

What is the final process step?

Wet paint

Powder coat

What machines do you currently use?

What is the tool speed/power?

What type of back up pad do you use?

Hard

Flexible

What sequence of abrasive products do you use?

What is your current usage?

Weekly

Monthly

Which areas in the current process cause the most issues (rate below 1 to 5)?

Production cost?

Product quality?

Reduction of rejects?

Productivity?

Operator welfare?

Are there any constraints with the work piece that could prevent change?

Would investment in new machinery help improve the process?

Can you measure value/performance?





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