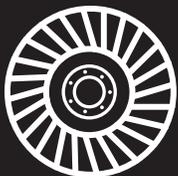




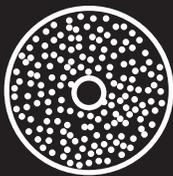
PRECISION IN EVERY DISC.

SCOTCH-BRITE™ SURFACE CONDITIONING DISCS

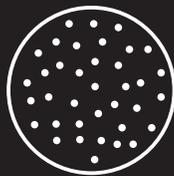
Optimize your process compared to:



Finer Grade Flap Discs



Finer Grade Fibre Discs



Sanding Discs

TURN THE PAGE TO LEARN MORE!

PSG

INTRODUCING SCOTCH-BRITE™ PRECISION AND PRECISION HEAVY DUTY SURFACE CONDITIONING DISCS!

Combined benefits of two 3M technologies

For the first time we merged 3M Precision-Shaped Grain with the nonwoven web technology of our surface conditioning products to quickly and effectively clean and finish surfaces without changing the geometry or dimension of the base material.

Look for the 3M Precision-Shaped Grain icon!



SCOTCH-BRITE™ PRECISION AND PRECISION HEAVY DUTY SURFACE CONDITIONING DISCS

VALUE ADDED BENEFITS OF SURFACE CONDITIONING DISCS COMPARED TO OTHER PRODUCTS

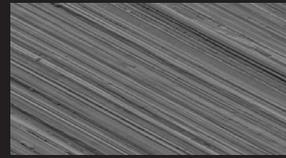
The Scotch-Brite™ Surface Conditioning Disc lineup promises consistency, speed and longer abrasive life. Designed for versatility, these nonwovens can replace a fibre and flap disc (P150 and finer) to reduce process steps.

- ▶ **Two innovative technologies in one disc:** Scotch-Brite™ nonwoven fibers combined with 3M Precision-Shaped Grain deliver improved performance over traditional surface conditioning discs
- ▶ **Scotch-Brite™ Precision Surface Conditioning Discs offer conformability** as nonwovens are designed to not undercut or gouge the surface
- ▶ **Scotch-Brite™ Precision Heavy Duty Surface Conditioning Discs** offer durability and are designed for better edge retention and aggressive applications
- ▶ **Easier to use** for new operators and less likely to damage the surface compared to indirect competition, resulting in less re-work
- ▶ **Process optimization** offers the ability to reduce two step applications into one step
- ▶ **Loading resistance** due to the 3D nature of the Scotch-Brite™ nonwoven web

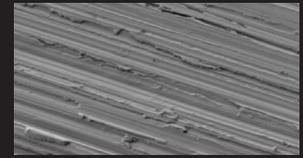
Scotch-Brite™ Precision Surface Conditioning Disc
VFN, FIN, MED, CRS, XCRS

Scotch-Brite™ Precision Heavy Duty Surface Conditioning Disc
MED (150+), CRS (120+), XCRS (80+), XXCRS (60+)

▶ See the difference below for a micro-burr free finish:



Surface Conditioning Disc



Coated Abrasive



Tech Tip

If you're using a fibre or flap disc, there's potential to undercut the surface, requiring an additional step in the process.

Scotch-Brite™ Surface Conditioning Discs are designed for conformability and to make your process more efficient.

Optimize your process with Scotch-Brite™ Precision and Precision Heavy Duty Surface Conditioning Discs:

With 3M Precision-Shaped Grain

Application	Commonly Used Abrasive	Customer Pain Point with Current Abrasive Solution	Benefit of Scotch-Brite™ Precision and Precision Heavy Duty Discs	Recommended Scotch-Brite™ Precision and Precision Heavy Duty Discs
<ul style="list-style-type: none"> Small weld grinding Light corrosion removal 	<ul style="list-style-type: none"> Flap disc (P120 or finer) 	<ul style="list-style-type: none"> Process is taking too long; multiple steps Risk of undercutting Learning curve for new operators 	<ul style="list-style-type: none"> Conformable: Resists undercutting or gouging the surface Process Optimization: 2 steps in 1 Burr free finish: Step reduction Ease of use: Re-work reduction Consistency of finish 	
<ul style="list-style-type: none"> Spot weld and discoloration removal Prep for paint 	<ul style="list-style-type: none"> Flap disc (P120 or finer) 	<ul style="list-style-type: none"> Process is taking too long; multiple step Risk of undercutting Learning curve for new operators Not getting full breakdown of the flap disc 	<ul style="list-style-type: none"> Conformable: Resists undercutting or gouging the surface Process Optimization: 2 steps in 1 Burr free finish: Step reduction Ease of use: Re-work reduction Loading resistance due to 3D nature of web 	
<ul style="list-style-type: none"> Prep for paint 	<ul style="list-style-type: none"> Random orbital sanding disc Rotary paper/cloth disc 	<ul style="list-style-type: none"> Process is taking too long and product isn't lasting long enough Disc changeover time Lower durability on corners and edges Inconsistent pulling out previous step scratches 	<ul style="list-style-type: none"> Increase in productivity Consistency of finish Utilize a higher horsepower tool Burr free finish: Step reduction Durable Loading resistance due to 3D nature of web 	
<ul style="list-style-type: none"> Deburring 	<ul style="list-style-type: none"> Coated abrasive flap disc Cloth disc 	<ul style="list-style-type: none"> Additional steps required Chamfered edge Risk of undercutting Secondary burr creation 	<ul style="list-style-type: none"> Burr free finish: Step reduction Conformable Ease of use 	
<ul style="list-style-type: none"> Edge radiusing 	<ul style="list-style-type: none"> Fibre disc (P120 or finer) Flap Disc (P120 or finer) 	<ul style="list-style-type: none"> Chamfered edge Burr creation: Additional steps required Lower durability on corners and edges 	<ul style="list-style-type: none"> Work on thinner sheet metal Conformable Burr free finish: Step reduction 	
<ul style="list-style-type: none"> Light scale removal 	<ul style="list-style-type: none"> Fibre disc Depressed center grinding wheel Flap disc 	<ul style="list-style-type: none"> Short life/dulling Coarse/rougher finish 	<ul style="list-style-type: none"> Process optimization: Speed Consistency 	

Bring new solutions to your bottom line. [3M.com/ScotchBriteAbrasives](https://www.3M.com/ScotchBriteAbrasives)

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RA Finishing Guide

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