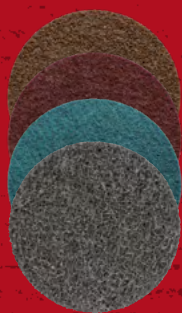




BRINGING NEW SOLUTIONS TO THE SURFACE.

SCOTCH-BRITE™ SURFACE CONDITIONING DISCS

Non-woven abrasives for a quality, consistent finish for every job.

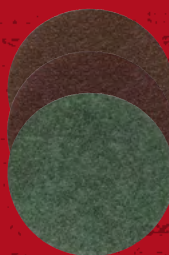


SC

MULTIPURPOSE

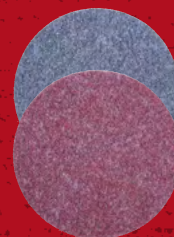


Precision



SE

HEAVY DUTY



Light Grinding and Blending



Uncompromising
Quality



Long
Lasting



Repeatable
Results

3M

BRINGING PRECISION, CONSISTENCY AND QUALITY TO THE SURFACE.

Scotch-Brite™ Surface Conditioning Discs can help with your first step for cleaning, blending, deburring and finishing without undercutting the base material. The durable open web is designed to resist loading — producing a high cut rate, consistent finish and extending operation. With a variety of grades and sizes, this Scotch-Brite™ lineup offers a solution for every surface.

SCOTCH-BRITE™ SURFACE CONDITIONING DISCS		GRADES	CONFORMABLE					DURABLE			SUBSTRATES	KEY FEATURES
			POLISH	CLEAN	RADIUS	FINISH	REFINE	BLEND	DEBURR & EDGE BREAK	GRIND		
MULTIPURPOSE	Precision	VFN FIN MED CRS XCRS	✓	✓	✓	✓	✓	✓	✓	✓ * CRS / XCRS	Can vary by grade Stainless Steel Aluminum Mild Steel Titanium Nickel Alloys	 PSG + Non-woven Features 3M Precision-Shaped Grain for faster cut and longer life; Designed for process optimisation; Balance of conformability and durability to handle a variety of part geometries
	SC	SFN VFN MED CRS	✓	✓	✓	✓	✓	✓			Stainless Steel Aluminum Mild Steel Titanium Nickel Alloy	Aluminum oxide/Silicon carbide mineral for super fine; Conforms well on irregular/contoured surfaces; General purpose for cleaning, blending, light deburring and finishing
HEAVY DUTY	SE	FIN MED CRS					✓	✓	✓		Stainless Steel Aluminum Mild Steel	Aluminum oxide mineral; Designed to be tough for heavy duty deburring, finishing and grinding; Aggressive cut, high to medium pressure applications
	Light Grinding and Blending	HD-CRS SD-CRS						✓	✓	✓	Stainless Steel Aluminum Mild Steel Titanium Nickel Alloys	3M ceramic aluminum oxide blend abrasive grain; Grinds and blends in one step; Long lasting on parts with sharp edges; Aggressive cut with consistent finish



ATTACHMENTS

 Roloc™ TR

 22.23 mm Center Hole

 Hook and Loop

TECH TIP

Scotch-Brite™ Universal Surface Conditioning Back-up Pad is designed to optimise the performance of non-woven abrasive discs. It comes packaged with everything you need for quick and easy tool attachment, including three attachment nuts and an optional snap-in center post. Low-profile design fits within most grinder guards.





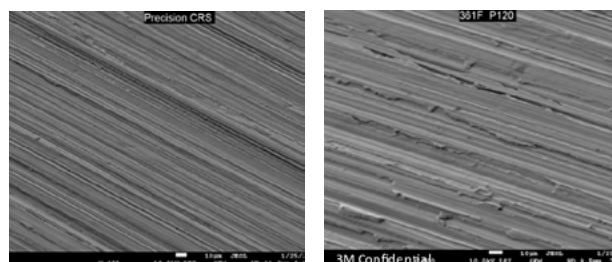
SCOTCH-BRITE™ SURFACE CONDITIONING DISCS

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 non-woven can replace a fibre and flap disc (P120 and finer) to reduce process steps.

- **Offers conformability** as non-wovens are designed to not undercut or gouge the surface
- **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 (while using a Precision Disc and Light Grinding and Blending Surface Conditioning Disc)
- **Loading resistance** due to the 3D nature of the Scotch-Brite™ Non-woven web

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.



Optimise your process with Scotch-Brite™ Surface Conditioning Discs:

Application	Competitive Abrasive Commonly Used	Customer Pain Point with Current Abrasive Solution	Benefit of Scotch-Brite™ Surface Conditioning Discs	Recommended Scotch-Brite™ Surface Conditioning Discs	
				Primary Solution	Secondary Option
Small Weld Grinding TIG or Spot weld	Fibre Disc (P120 or Finer)	- Process is taking too long; multiple steps - Risk of gouging or undercutting - Learning curve for new operators - Need extra step for finishing	- 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	Precision (PN) (XCRS, CRS, MED)	Light Grinding and Blending (CRS SD)
- Light Corrosion Removal - Paint or coating removal - Discoloration Removal	Flap Disc (P120 or Finer)	- Process is taking too long; multiple step - Risk of undercutting - Learning curve for new operators - High disc consumption due to not getting full breakdown of the flap disc	- 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	Scotch-Brite™ Clean & Strip XT-PRO	Light Grinding and Blending (CRS SD & HD)
Prep metal for Paint or powder coating	- Random Orbital Sanding Disc - Rotary Paper/Cloth Disc - Flap Disc (P120 or Finer)	- Process is taking too long - High abrasive disc consumption - Lower durability on corners and edges - Inconsistent pulling out previous step scratches	- 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	Precision (PN) (CRS)	Light Grinding and Blending (CRS SD)
Deburring	- Fibre Disc (P120 or Finer) - Cloth Disc	- Additional steps required - Chamfered edge - Risk of undercutting - Secondary burr creation	- Burr free finish: Step reduction - Rounded Edge: - Conformable - Ease of use	Light Grinding and Blending (CRS SD, HD)	Precision (PN) (XCRS, CRS & MED)
Edge Radiusing	- Fibre Disc (P120 or Finer) - Flap Disc (P120 or Finer)	- Chamfered edge - Burr creation: Additional steps required - Lower durability on corners and edges	- Conformable : gives rounded edge - No risk of gouging - Burr free finish: Step reduction	Precision (PN) (XCRS, CRS)	SE (CRS & MED)
Light Scale Removal	- Fibre Disc - DCGW - Flap Disc	- Short life/dulling - Coarse/rougher finish - Takes long time to remove scale - Gouging or undercutting - Loading of the disc	- Process optimization: Speed - No change of workpiece geometry - Loading resistance due to 3D nature of web - Conformable: Resists undercutting or gouging the surface	Scotch-Brite™ Clean & Strip XT-PRO	Precision (PN) (XCRS, CRS)

Stainless steel: Finish matters. Scotch-Brite™ Precision Surface Conditioning discs provide high performance results. The broad grade ranges offers multiple possibilities for different, homogeneous finish requirements.

Carbon Steel: When working on mild steel and/ or on sharp edges you need product solutions with higher durability and web resistance. Scotch-Brite™ Surface Conditioning Discs SE or LGB are the preferred solution.

Aluminum: On soft metals & aluminum anti loading ability is very important. Scotch-Brite™ Precision Surface Conditioning discs offer the best anti-loading performance of all Scotch-Brite™ Surface Conditioning Discs.



Scotch-Brite™ Precision Surface Conditioning Disc PN-DH

Stock ID (code)	Diameter	Center Hole	Grade
7100274706	100 mm	No Hole	Extra Coarse
7100274705	100 mm	No Hole	Coarse
7100274669	100 mm	No Hole	Medium
7100274670	100 mm	No Hole	Fine
7100274671	100 mm	No Hole	Very Fine
7100274270	115 mm	No Hole	Extra Coarse
7100274273	115 mm	No Hole	Coarse
7100274223	115 mm	No Hole	Medium
7100274222	115 mm	No Hole	Fine
7100274224	115 mm	No Hole	Very Fine
7100274272	125 mm	No Hole	Extra Coarse
7100274275	125 mm	No Hole	Coarse
7100274271	125 mm	No Hole	Medium
7100274274	125 mm	No Hole	Fine
7100274277	125 mm	No Hole	Very Fine
7100274661	150 mm	No Hole	Extra Coarse
7100274660	150 mm	No Hole	Coarse
7100274662	150 mm	No Hole	Medium
7100274663	150 mm	No Hole	Fine
7100274704	150 mm	No Hole	Very Fine
7100275256	178 mm	No Hole	Extra Coarse
7100275259	178 mm	No Hole	Coarse
7100275258	178 mm	No Hole	Medium
7100275255	178 mm	No Hole	Fine
7100275253	178 mm	No Hole	Very Fine
7100275260	100 mm	16 mm	Extra Coarse
7100275261	100 mm	16 mm	Coarse
7100275899	100 mm	16 mm	Medium
7100275837	100 mm	16 mm	Fine
7100275838	100 mm	16 mm	Very Fine
7100274225	115 mm	22.23 mm	Extra Coarse
7100274279	115 mm	22.23 mm	Coarse
7100275844	115 mm	22.23 mm	Medium
7100275836	115 mm	22.23 mm	Fine
7100275845	115 mm	22.23 mm	Very Fine
7100274226	125 mm	22.23 mm	Extra Coarse
7100274227	125 mm	22.23 mm	Coarse
7100274229	125 mm	22.23 mm	Medium
7100276268	125 mm	22.23 mm	Fine
7100274228	125 mm	22.23 mm	Very Fine
7100274664	178 mm	22.23 mm	Extra Coarse
7100274665	178 mm	22.23 mm	Coarse
7100274666	178 mm	22.23 mm	Medium
7100274667	178 mm	22.23 mm	Fine
7100274668	178 mm	22.23 mm	Very Fine

Scotch-Brite™ Universal Surface Conditioning Back-up Pad

Stock ID (code)	Diameter
7100276338	100 mm
7100276340	115 mm
7100276339	125 mm



Learn more at:
3M.co.uk/ScotchBriteAbrasives

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www.3M.co.uk/abrasives

3M Ireland Limited
The Iveagh Building
The Park
Carrickmines
Dublin 18
Ireland
Tel: 1 800 320 500

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

Stock ID (code)	Diameter	Grade
7100270872	101.6 mm	Extra Coarse
7100264203	101.6 mm	Coarse
7100264142	101.6 mm	Medium
7100264204	101.6 mm	Fine
7100264199	101.6 mm	Very Fine
7100264150	25.4 mm	Extra Coarse
7100271028	25.4 mm	Coarse
7100264161	25.4 mm	Medium
7100264159	25.4 mm	Fine
7100264156	25.4 mm	Very Fine
7100264165	38.1 mm	Extra Coarse
7100264170	38.1 mm	Extra Coarse
7100264164	38.1 mm	Coarse
7100264169	38.1 mm	Coarse
7100264163	38.1 mm	Medium
7100264168	38.1 mm	Medium
7100264152	38.1 mm	Fine
7100264167	38.1 mm	Fine
7100264151	38.1 mm	Very Fine
7100264166	38.1 mm	Very Fine
7100264091	50.8 mm	Extra Coarse
7100264172	50.8 mm	Extra Coarse
7100264090	50.8 mm	Coarse
7100272236	50.8 mm	Coarse
7100264089	50.8 mm	Medium
7100272016	50.8 mm	Medium
7100264171	50.8 mm	Fine
7100264174	50.8 mm	Fine
7100264138	50.8 mm	Very Fine
7100264173	50.8 mm	Very Fine
7100272237	50.8 mm	Very Fine
7100264198	76.2 mm	Extra Coarse
7100264197	76.2 mm	Coarse
7100264196	76.2 mm	Medium
7100264195	76.2 mm	Fine
7100264194	76.2 mm	Very Fine

Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc PN-DR (Bulk, 1000/ carton)

Stock ID (code)	Diameter	Grade
7100264193	50.8 mm	Extra Coarse
7100264092	50.8 mm	Coarse
7100264141	50.8 mm	Medium
7100264139	50.8 mm	Fine
7100264138	50.8 mm	Very Fine
7100264438	76.2 mm	Extra Coarse
7100264427	76.2 mm	Coarse
7100264428	76.2 mm	Medium
7100271030	76.2 mm	Fine
7100264429	76.2 mm	Very Fine

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