

# Belts – Bench Top

For bench top or bench area sanding and grinding, 3M offers products to make your work go fast and easy with superior results.

## 3M™ 777F Regalite™ Polycut™ Resin Bond Cloth YF Wt.

3M 777F Regalite Polycut Resin Bond Cloth combines superb performance with long life to bring quality and economy to a variety of operations. It grinds cool with a high cut rate to deliver the finish you're looking for.

The product is a combination of 3M Cubitron mineral and special aluminum oxide mineral coated on a firm Y wt. synthetic backing. It also incorporates a grinding aid to provide optimum performance on stainless steel and nickel alloy off-hand and medium pressure grinding applications.



74

## 3M™ 707E Regalite™ Polycut™ Resin Bond Cloth JE Wt.

3M 707E Regalite Polycut Resin Bond Cloth provides a smooth, cool, fast cut that you can depend on for high-quality results.

3M 707E incorporates a blend of 3M Cubitron mineral and aluminum oxide minerals and grinding aid on a very flexible J weight synthetic backing.

Ideal for a wide range of applications requiring conformability on a variety of materials, such as stainless steel and high nickel alloys.



75

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.*				
			36	50	60	80	P120
2" x 60"	777F	10/50	†77663				
2" x 60"	777F	25/50			†77152		
2" x 72"	777F	10/50	†76531	76523			
2" x 72"	777F	25/50			†80286	†14884	†81767
3½" x 15½"	777F	10/50	#77336	#77334	#77476	#77333	
6" x 48"	777F	10/20	†82313	†80176			
6" x 48"	777F	20			†76679	†76733	†82153
3½" x 1 5½"	707E	10/50					80246

\* Add Prefix 051144- to UPC No. when ordering.

‡ Filmlok

# Fabrilok

**3M™ 241D Three-M-ite™ Resin Bond Cloth X Wt.**

3M's standard aluminum oxide X-weight cloth.

**3M™ 240D Three-M-ite™ Resin Bond Cloth Open Coat X Wt.**

An aluminum oxide, resin bonded open coat construction on an X-weight drills cloth backing, exhibiting greater flexibility than the closed coat version.



76

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.*													
			24	36	40	50	60	80	100	120	150	180	220	240	320	400
1 1/2" x 60"	241D	10/50	#26443 ‡26441 ‡26440													
1 1/2" x 60"	241D	25/100				‡26438 ‡26436 ‡26435 ‡26434	‡26433 ‡26431	‡26430								
2" x 60"	241D	10/50	‡26426 ‡26425 ‡26424													
2" x 60"	241D	25/50				33640 ‡33639 ‡26420 ‡33667	‡33638 ‡33637 ‡26415 ‡33636									
2" x 72"	241D	10/50	‡26320	#26317												
2" x 72"	241D	25/50				‡26316 ‡33067 ‡26313 ‡26312	‡26309 ‡26307 ‡81752 ‡26305 ‡11658									
2 1/2" x 60"	241D	10/50	‡26408 ‡26405	‡26404												
2 1/2" x 60"	241D	25/50				#26400 ‡26396 ‡33635 ‡26388	‡26386 ‡26385 ‡26383	‡26382								
6" x 48"	241D	10/20	26533 26531 26529	#11645												
6" x 48"	241D	20				26524 26521 26519 26518	26517 26515 26514 26513 26512									
4" x 27"	240D	10/50				27447										

\* Add Prefix 051144- to UPC No. when ordering.

‡ Filmlok

# Fabrilok

Kut stock items

# Deburring Belts – Portable Tool

3M offers a complete line of coated abrasive belt constructions to meet all of your grinding, deburring and sanding needs.

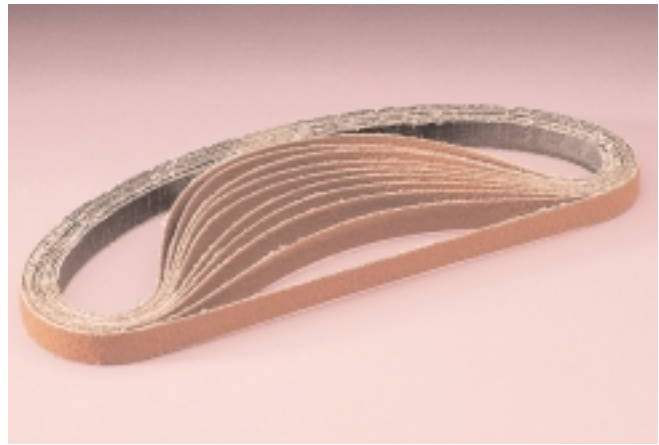
## 3M™ 777F Regalite™ Polycut™ Resin Bond Cloth YF Wt.

The product is a combination of 3M Cubitron™ mineral and special aluminum oxide minerals coated on a firm Y wt. synthetic backing. It also incorporates a grinding aid to provide optimum performance on stainless steel and nickel alloy off-hand and medium pressure grinding applications.

## 3M™ 741E Regalite™ Resin Bond Cloth XE Wt.

## 3M™ 751E Regalite™ Resin Bond Cloth XE Wt.

Unique combination of Cubitron & aluminum oxide minerals on strong rayon backing.



77

## 3M™ 241E Three-M-ite™ Resin Bond Cloth XE Wt. Grades 50 and Finer

## 3M™ 251E Three-M-ite™ Resin Bond Cloth Type HO XE Wt. Grades 36 and 40

A high performance aluminum oxide mineral coated on a firm synthetic backing, providing superior aggressiveness and edge wear resistance.

## 3M™ 240D Three-M-ite™ Resin Bond Cloth Open Coat X Wt.

## 3M™ 241D Three-M-ite™ Resin Bond Cloth X Wt.

Aluminum oxide X-weight cloth.

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.*							
			36	40	50	60	80	100	P120	
1/4" x 24"	741E/751E	50/200				#13280				
1/2" x 12"	741E	50/200				#13276				
1/2" x 18"	777F	50/200				#80551	#80232			
	741E	50/200				#13733				
1/2" x 24"	777F	50/200	#77643		#77408	#77065	#77491		#81064	
	741E/751E	50/200				#13272				
3/4" x 20 1/2"	741E	50/200				#13268				
1" x 30"	777F	50/200	#82252				#77407			
	741E/751E	50/200								
1" x 42"	777F	50/200		‡76527		‡77512				

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.*												
			36	40	50	60	80	100	120	150	180	220	240	320	
1/8" x 24"	241E	50/200				#71053									
1/4" x 24"	241E/251E	50/200		#30290		#26733	#26732	#32407	#26731		#26730			#26729	
1/2" x 12"	241E/251E	50/200		#32417	#26895	#31170	#26894	#26893	#26892		#31074		#32398		
1" x 12"	241D	50/200				26884	26881								
1/2" x 18"	241E/251E	50/200	#77632	#72226		#72227	#72228	#14754	#72229						
1/2" x 24"	241E/251E	50/200	#32375	#26726	#26725	#26723	#26720	#26719	#26717	#26716	#26715	#26714	#32399	#26713	
1/2" x 42"	241E	50/200					#34176								
3/4" x 20 1/2"	241E/251E	50/200	#26784	#26783	#26782	#26781	#26780	#26779	#26778		#26776				
	241D	50/200	#32161			#33911	#33912	#32157	#32158		#32160				
1" x 42"	241E	50/200					‡32090								
	241D	50/200	#26614	#26612	#31823	#26609	‡31774	‡26606	‡33795	‡26602	‡26601	‡26600	‡26599	‡26597	
	240D	50/200													
1 1/2" x 18 5/16"	241D	10/50	26822		26820	26819	26818		26816		26814				

\* Add Prefix 051144- to UPC No. when ordering.

‡ Filmlok

# Fabrilok

Kut stock items

# Belts – Portable

The product selection for portable belts ranges from our standard aluminum oxide to our premium 761D product, which is a blend of 3M's proprietary Cubitron mineral and premium aluminum oxide. These belts deliver a fast cut which means a time savings for you!

## 3M™ 761D Y Wt.

The new 3M 761D portable belts are a revolutionary step in the advancement of coated abrasive belt sanding for portable belt applications.

## 3M™ 241D Three-M-ite™ RB Cloth X Wt.

3M's standard aluminum oxide X-weight cloth.

## 3M™ 240D/240A Three-M-ite™ RB Cloth Open Coat X Wt.

An aluminum oxide, resin bonded open coat construction on an X-weight drills cloth backing, exhibiting greater flexibility than the closed coat version.

## 3M™ 441D Three-M-ite™ RB Cloth X Wt.

Silicon carbide mineral coated on a cloth backing.



78

Size	* Prod. I.D.	Min. Pkg./Case	Grade and UPC No.**					
			50	60	80	P100	P120	P150
3" x 18"	761D	5/25	81393	81394	81395	81396	81397	81398
3" x 21"	761D	5/25	81399	81400	81401	81402	81403	81404
3" x 24"	761D	5/25	81410	81411	81412	81413	81414	81415
4" x 24"	761D	5/25	81429	81430	81431	81432	81433	81434

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.** ***						
			24	36	40	50	60	80	100
3" x 18"	241D***	10/40		01416-3		01417-0		01419-4	01420-0
			120	150	180	220	240	320	
			01421-7						
3" x 21"	240D	10/50	24	36	40	50	60	80	100
			120	150	180	220	240	320	
			71785						
3" x 21"	241D***	10/40	02679-1	01422-4	01423-1	01424-8	01425-5	01426-2	01427-9
			120	150	180	220	240	320	
			01428-6 01528-3 01529-0 02689-0						
3" x 24"	240D/240A	10/50	24	36	40	50	60	80	100
			120	150	180	220	240	320	
			27501 27500 27499 27498 27497 27496						
4" x 24"	441D	10/50	24	36	40	50	60	80	100
			120	150	180	220	240	320	
			27495 32943						

\* The color purple is a trademark of 3M.

Kut stock items

## Portable Sander Belts (Continued)

Size	Prod. I.D.	Min. Pkg./Case	Grade and UPC No.** ***							
			24	36	40	50	60	80	100	
3" x 23 <sup>3</sup> / <sub>4</sub> "	241D***	10/40	02645-6							
						26740-8		02648-7		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
240D/240A	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
				27483		27481	27480	27479		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
			27478							
3" x 24"	241D***	10/40	02681-4 01429-3 01430-9 01431-6 01432-3 01433-0 01434-7							
						02657-9		02659-3		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
240D/240A	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
		27477	27476	27475	27474	27473	27472	27471		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
			27470 27469 27468 71521							
441D	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
		<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>			
3 <sup>1</sup> / <sub>2</sub> " x 15 <sup>1</sup> / <sub>2</sub> "	241D***	10/40	*77290-2 *26860-3 •02661-6 *26858-0 *26857-3 *26856-6 *26853-5							
						•02663-0		26851-1		•02665-4
			<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>	
4" x 21"	241D	10/40	01575-7							
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
240D	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
					31412	27494	27493			
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
			74349							
4" x 21 <sup>3</sup> / <sub>4</sub> "	241D***	10/40	02669-2							
						02677-7				
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
240D	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
					27489	27488	27487	27486		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
			27485							
4" x 24"	241D***	10/40	02685-2 01436-1 01437-8 01438-5 01439-2 01440-8 01441-5							
						01539-9				
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
240D/240A	10/50									
		<b>24</b>	<b>36</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>80</b>	<b>100</b>		
		27467-3	27466-6	27465-9	27464	27463	27462	27461		
			<b>120</b>	<b>150</b>	<b>180</b>	<b>220</b>	<b>240</b>	<b>320</b>		
			27460 27459-8 27458							

\*\* For Product I.D. 240A, 240D and 441D, add prefix 051144- to UPC number when ordering.

\*\*\* For Product I.D. 241D, add prefix 078-91040- to UPC number when ordering.

★ Add prefix 051144- to UPC number when ordering.

• Add prefix -078 to UPC number when ordering.

Kut stock items



# Scotch-Brite™ Surface Conditioning

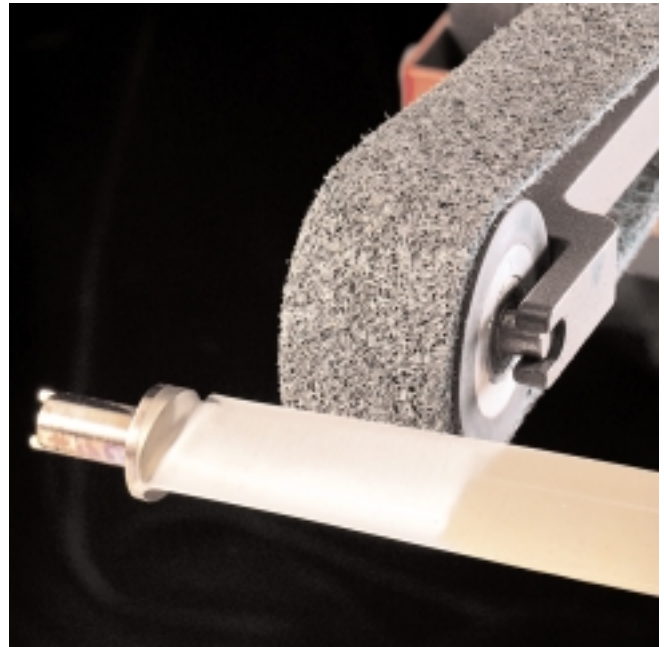
Scotch-Brite surface conditioning belts are used worldwide to finish, polish and buff metal, wood and plastic surfaces.

## Recommended operating speeds:

Generally, low speeds are recommended for generating very uniform satin finishes, finishing aluminum alloys without lubricants, and woodworking applications. Higher speeds are recommended when removing imperfections prior to buffing. High belt speed will result in faster cut along with finer finishes.

Application	Recommended SFPM
Decorative Finishing	500-3,000 SFPM
Wood Sanding	1,200-2,700 SFPM
Deburring	5,000-6,500 SFPM
Cleaning and Conditioning	2,000-5,000 SFPM
Oxide Removal	4,500-6,500 SFPM

SFPM = Surface Feet Per Minute



79

## Polishing: fewer steps

Scotch-Brite surface conditioning belts refine rough surfaces with little or no dimensional change to the workpiece—and they can finish the job in fewer steps than conventional products, while generating a uniform scratch pattern.



80

## Grindline conditioning: fast and easy

Grindlines, milling marks or microburrs left by cutting tools or other abrasives can be quickly and easily conditioned with Scotch-Brite belts, leaving a consistent and burr-free surface. The belts will also blend scratches and blemishes so they won't show through most paint systems. Surfaces conditioned with Scotch-Brite belts are easy-to-clean and easy-to-coat, reducing production steps and costs.



81

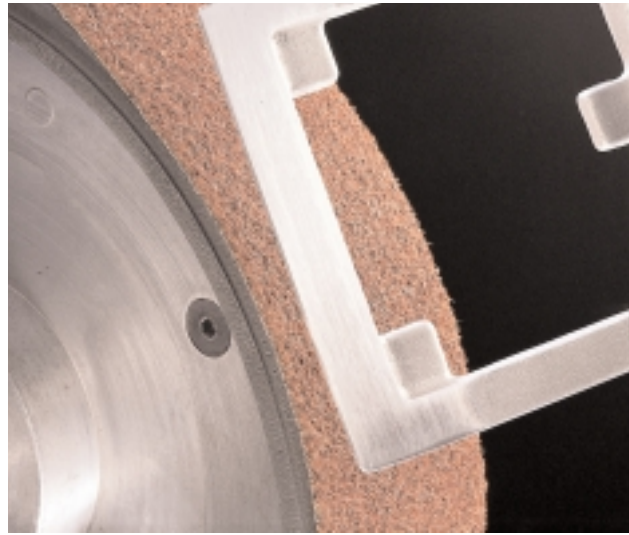
## Satin Finishing: quick and consistent

With Scotch-Brite belts on your automatic equipment or portable power tools, you can quickly produce consistent satin finishes on a variety of metals. And using Scotch-Brite belts in tandem with 3M coated abrasive discs and belts on stainless steel, you can match #3 and #4 finishes.

## Surface Conditioning Belts

A reinforced non-woven nylon material spliced into belt form provides a more consistent, more appealing finish in decorative finishing applications. Resists loading and reduces heat build-up, increasing life and improving performance. Designed for cleaning, finishing and light deburring operations using standard abrasive belt equipment.

A VFN - Blue                      A CRS - BROWN  
 A MED - Maroon                S SFN - Gray



## SE Surface Conditioning Belts

New Scotch-Brite brand "SE" surface conditioning products feature a more aggressive mineral in this non-woven nylon abrasive impregnated web construction than regular Scotch-Brite surface conditioning belts.

**Front Color      Back Color**

A CRS            Brown            Blue  
 A MED            Maroon           Blue

82

Size	Belts/Case	Mineral Type/Grade    UPC No.				
		A CRS	A MED	A VFN	S SFN	T
1/4" x 18"	20	048011-13290	048011-14276			
1/4" x 24"	20	048011-13132	048011-13131	048011-13287		
1/2" x 12"	20		048011-17515	048011-19688		
1/2" x 18"	20	048011-08858	048011-08857	048011-08856	048011-08855	
1/2" x 24"	20	048011-05741	048011-03998	048011-04299	048011-17516	
3/4" x 18"	20	048011-13639	048011-15899	048011-14543	048011-15898	
1" x 18"	10	048011-14278	048011-14398	048011-17517		
1" x 30"	10	048011-08887	048011-08898	048011-08920		
1" x 42"	10		048011-04189	048011-04190		
2" x 18 <sup>15/16</sup> "	10	048011-08889				
2" x 34"	10		048011-08905			
2" x 48"	10		048011-08915	048011-04295		
2" x 60"	10	048011-05020	048011-08916	048011-08922		
2" x 72"	10		048011-00580	048011-00579		
2" x 132"	5	048011-05021	048011-03999	048011-04297		
2 <sup>1/2</sup> " x 60"	10		048011-00581			
2 <sup>3/4</sup> " x 15 <sup>1/2</sup> "	10	048011-05022	048011-05227			
3" x 10 <sup>11/16</sup> "	10	048011-05820	048011-05783	048011-09650		
3" x 18"	10	048011-14284	048011-14285	048011-14550		
3" x 21"	10		048011-08906			
3" x 24"	10	048011-08880	048011-00583	048011-04298		
3" x 72"	10		048011-14548			
3" x 132"	5	048011-05023	048011-00568	048011-04289	048011-08893	
3 <sup>1/2</sup> " x 15 <sup>1/2</sup> "	10	048011-05016	048011-05228	048011-05643	048011-05644	048011-14121
4" x 24"	10		048011-00585			
4" x 90"	10				048011-15879	
4" x 132"	5	048011-05018	048011-00570	048011-04281		
4" x 168"	5		048011-00589			
6" x 48"	5	048011-05019	048011-00590	048011-04283		
<b>SE</b>						
1/4" x 18"	20	048011-18495				
1/4" x 24"	20	048011-18496				
1/2" x 18"	20	048011-18087	048011-18480			
1/2" x 24"	20	048011-18088	048011-18479			
3/4" x 18"	20	048011-19697				
3 <sup>1/2</sup> " x 15 <sup>1/2</sup> "	10	048011-18089	048011-18478			

## Introductory Packs

Convenient introductory packs of Scotch-Brite surface conditioning and 3M coated abrasive belts.

Products	Contents	
518S	777S Regalite Polycut RB Cloth Belts 1/2" x 18" 2 ea. 60YF 2 ea. 80YF 241S Three-M-ite RB Cloth Belt 1/2" x 18" 2 ea. 120XE Surface Conditioning Belts 1/2" x 18" 1 ea. A VFN 1 ea. A MED 1 ea. A CRS	
524S	777S Regalite Polycut RB Cloth Belts 1/2" x 24" 2 ea. 60YF 2 ea. 80YF 2 ea. 120YF Surface Conditioning Belts 1/2" x 24" 1 ea. A VFN 1 ea. A MED 1 ea. A CRS	
Product	Packs/Case	UPC No.
518S	5	051144-82897
524S	5	051144-82898



83