

Complete solutions. Commitment to Innovation and Quality.



Complete solutions. It's what you've come to expect from 3M, the leading supplier for metalworking industries. For over 100 years, 3M has been a proven leader, providing advanced technology and innovative solutions for increased productivity, enhanced efficiency and improved manufacturing processes.

This commitment to innovation continues with ongoing new product introductions focused on the complete metalworking experience. Today, 3M Metalworking Products encompass a broad spectrum of solution-specific products from personal safety to abrasives and high-strength adhesives. 3M presents a growing portfolio with each addition to this line of advanced solutions designed for all metalworking processes from start to finish.



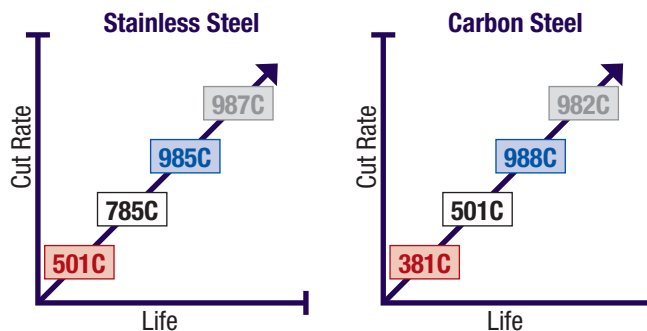
3M™ Fibre Discs

Choose the performance level that fits your needs with a complete offering of 3M™ Fibre Discs. Get great performance at a great price with 3M's general purpose metalworking disc 381C. Or, set a new standard for productivity with 3M™ Cubitron™ II 982C Discs. All of 3M's fibre discs are available in a variety of sizes.

3M™ Fibre Disc Selection Guide

Select Fibre Discs for fast cutting when grinding and blending.

	Product ID	Mineral	Metal Type
Good	381C	Aluminum Oxide	Carbon Steel
	501C	Alumina Zirconia	Stainless/Aluminum
Better	501C	Alumina Zirconia	Carbon Steel
	785C	Ceramic Aluminum Oxide Blend	Stainless/Aluminum
Best	988C	Ceramic Abrasive Grain	Carbon Steel
	985C	Ceramic Abrasive Grain	Stainless/Aluminum
Premium	982C	Precision Shaped Ceramic	Carbon Steel
	987C	Precision Shaped Ceramic	Stainless/Aluminum



524289



3M™ Fibre Discs 381C

- General purpose disc for weld removal, grinding and blending
- Resin bond aluminum oxide provides durability and aggressive stock removal



159094

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case
051144-77595-8	24	13,300	4-1/2" x 7/8"	
051144-77596-5	36			
051144-77597-2	50			
051144-77598-9	60			
051144-77599-6	80			
051144-77600-9	100			
051144-77601-6	120	12,000	5" x 7/8"	25
051144-81369-8	24			
051144-81372-8	36			
051144-81375-9	50			
051144-01727-0	60			
051144-20054-2	80			
051144-20053-5	100	8,600	7" x 7/8"	
051144-20052-8	120			
051144-01745-4	16			
051144-81370-4	24			
051144-81373-5	36			
051144-81376-6	50			
051144-01741-6	60	6,600	9-1/8" x 7/8"	25/100
051144-01740-9	80			
051144-01739-3	100			
051144-01738-6	120			25
051144-81371-1	24			
051144-81373-5	36			
051144-81377-3	50			
051144-01762-1	80			
051144-01761-4†	100			
051144-01760-7†	120			

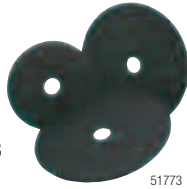
† Made-to-Order

See pages 72–77 for available accessories.

3M™ Fibre Discs (cont.)

3M™ Fibre Discs 501C

- Versatile disc for use on a wide variety of metals
- Aluminum zirconia provides a good option for both stainless and mild steel applications



51773

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case
051111-50409-3	24	13,300	4-1/2" x 7/8"	25/100
051111-50413-0	36			
051111-50414-7	50			
051111-50415-4	60			
051111-50416-1	80			
051111-50417-8	100			
051111-50419-2	120			
051111-50410-9	24	12,000	5" x 7/8"	
051111-50412-3	36			
051111-50420-8	50			
051111-50421-5	60			
051111-50422-2	80			
051111-50423-9	100			
051111-50424-6	120			
051111-50411-6	24	8,600	7" x 7/8"	
051111-50426-0	36			
051111-50425-3	50			
051111-50427-7	60			
051111-50428-4	80			
051125-63799-2†	100			
051111-50430-7†	120			
051111-50432-1†	24	6,600	9-1/8" x 7/8"	
051111-50433-8	36			
051111-50434-5†	50			

† Made-to-Order

3M™ Fibre Discs 785C

- 3M™ Ceramic Aluminum Oxide blend abrasive grain
- An excellent starting point for stainless steel
- Includes a grinding aid for cooler running



60875

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case	
051111-60719-0	36	13,300	4-1/2" x 5/8-11*	25	
051144-80660-7	36	13,300	4-1/2" x 7/8"	25/100	
051144-80661-4	50				
051144-80662-1	60				
051144-80663-8	80				
051144-80665-2	P120				
051144-13931-6	24				12,000
051144-13930-9	36				
051144-13928-6	50				
051144-13977-4	60				
051144-13926-2	80				
051144-80654-6	P100				
051144-80655-3	P120	8,600	7" x 7/8"		
051144-88831-3†	60				7" x 5/8-11*
051144-13937-8	24				
051144-13936-1	36				7" x 7/8"
051144-13934-7	50				
051144-13933-0	60				
051144-13932-3	80				
051144-80656-0	P100				
051144-80657-7	P120	6,600	9-1/8" x 7/8"		
051144-13943-9	24				
051144-13942-2	36				
051144-13940-8	50				
051144-13938-5	80				

† Made-to-Order

* Quick Change Tinneman Nut Attachment

Tech Tip

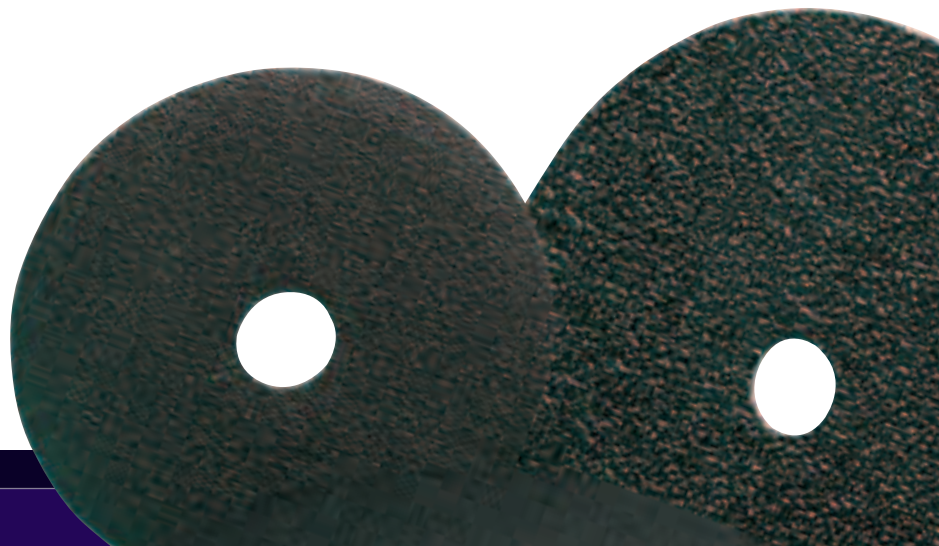
Weld Blending Mild Steel for Paint Prep

Step 1 – Fibre Disc 982C Grade 36+

Step 2 – Scotch-Brite™ Light Grinding and Blending Disc SD on black ribbed pad

Step 3 – Apply 3 mil Paint

Results – Productivity increase
– Abrasive cost improvement

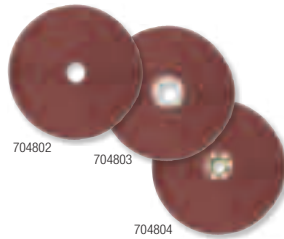


See pages 72–77 for available accessories.

3M™ Fibre Discs (cont.)

NEW! 3M™ Cubitron™ II Fibre Disc 982C

- 3M precision-shaped ceramic grain, engineered with ultra-sharp, fast cutting points that wear evenly, run cool, and optimize mineral breakdown to maximize life
- Best in class for weld prep and removal on carbon steel applications



606708

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case
051141-27400-3	36+	13,300	4-1/2" x 7/8"	25/100
051141-27631-1	60+			
051141-27635-9	80+			
051141-27401-0	36+	12,000	5" x 7/8"	
051141-27632-8	60+			
051141-27636-6	80+			
051141-27402-7	36+	8,600	7" x 7/8"	
051141-27633-5	60+			
051141-27637-3	80+			
051141-27403-4	36+	6,600	9-1/8" x 7/8"	
051141-27634-2	60+			
051141-27638-0	80+			
TN Quick Change				
051141-27425-6	36+	13,300	4-1/2" x 5/8-11*	25/100
051141-27639-7	60+			
051141-27642-7	80+			
051141-27404-1	36+	12,000	5" x 5/8-11*	
051141-27640-3	60+			
051141-27643-4	80+			
051141-27405-8	36+	8,600	7" x 5/8-11*	
051141-27641-0	60+			
051141-27644-1	80+			
GL Quick Change				
051141-27406-5	36+	12,000	5" x 5/8-11*	25/100
051141-27724-0	60+			
051141-27726-4	80+			
051141-27407-2	36+	8,600	7" x 5/8-11*	
051141-27725-7	60+			
051141-27727-1	80+			

* Quick Change Tinneman Nut Attachment

3M™ Fibre Discs 985C

- 3M™ Ceramic abrasive grain
- 3M's better choice for a long-lasting, premium disc for stainless steel
- Includes a grinding aid for cooler running



UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case
051111-55767-9	36	12,000	5" x 7/8"	25/100
051111-55780-8	50			
051111-55776-1	60			
051111-55779-2	80	8,600	7" x 7/8"	
051111-55971-0	24			
051111-55972-7	36			
051111-55973-4	50	8,600	7" x 7/8"	
051111-55974-1	60			
051111-55975-8	80			

Tech Tip

Use 3M™ Red Ribbed Pads to optimize product life of 900 series fibre discs—grades 24 and 36.

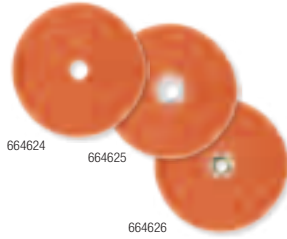
See pages 72–77 for available accessories.

3M™ Fibre Discs (cont.)



3M™ Cubitron™ II Fibre Disc 987C

- 3M precision-shaped ceramic grain, engineered with ultra-sharp, fast cutting points that wear evenly, run cool, and optimize mineral breakdown to maximize life
- Best in class for weld prep and removal on heat sensitive alloys such as stainless steel



UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case	
051141-27447-8	36+	13,300	4-1/2" x 7/8"	25/100	
051141-27653-3	60+				
051141-27657-1	80+				
051141-27448-5	36+	12,000	5" x 7/8"		
051141-27654-0	60+				
051141-27658-8	80+				
051141-27449-2	36+	8,600	7" x 7/8"		
051141-27655-7	60+				
051141-27659-5	80+				
051141-27450-8	36+	6,600	9-1/8" x 7/8"		
051141-27656-4	60+				
051141-27660-1	80+				
TN Quick Change					
051141-27469-0	36+	13,300	4-1/2"	25/100	
051141-27661-8	60+				
051141-27664-9	80+				
051141-27467-6	36+	12,000	5"		
051141-27662-5	60+				
051141-27665-6	80+				
051141-27468-3	36+	8,600	7"		
051141-27663-2	60+				
051141-27666-3	80+				
GL Quick Change					
051141-27728-8	36+	12,000	5"		25/100
051141-27730-1	60+				
051141-27732-5	80+				
051141-27729-5	36+	8,600	7"		
051141-27731-8	60+				
051141-27733-2	80+				

3M™ Fibre Discs 988C

- 3M™ Ceramic abrasive grain
- 3M's best premium disc for long-lasting performance for mild steel grinding



UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Min./Case
051111-55712-9	36	13,300	4-1/2" x 5/8-11*	25/100
051141-27341-9†	36	12,000	5" x 5/8-11*	100
051111-55746-4	24	12,000	5" x 7/8"	25/100
051111-55743-3	36			
051111-55742-6	50			
051111-60319-2	60			
051111-55740-2	80			
051111-55840-9	24	8,600	7" x 5/8-11*	
051111-55715-0	36			
051111-55964-2	24			
051111-55965-9	36			
051111-55966-6	40			
051111-55967-3	50			
051111-55739-6	60			
051111-55968-0	80			
051111-60314-7	24			
051111-55744-0	24			
051111-55735-8	36	6,600	9-1/8" x 7/8"	25/100
051111-55733-4	50			

† Made-to-Order

* Quick Change Tinneman Nut Attachment

See pages 72–77 for available accessories.



624139



631570

3M™ Flap Discs

3M™ Flap Discs offer an unbeatable system for grinding and blending in one easy step. The construction wears away, exposing fresh mineral to extend disc life and provide consistent cut rates. Great for weld grinding, blending, deburring, rust removal, surface prep and edge grinding on all types of metals. Available in both T29 or T27 constructions with or without the 5/8–11 hub.



Type 29

227097



Type 27

227096

3M™ Flap Disc Selection Guide

Select Flap Discs for extended life and single-step grinding/blending on all types of metals.

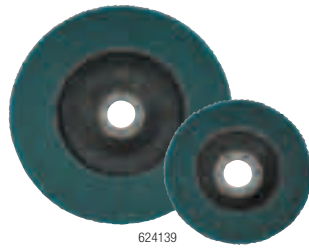
	Product ID	Mineral	4-1/2" x 7/8"		4-1/2" x 5/8-11		7" x 7/8"		7" x 5/8-11	
			T27	T29	T27	T29	T27	T29	T27	T29
Good	546D	Alumina Zirconia	●	●	●	●	●	●	●	●
	577F	Alumina Zirconia	●	●	●	●	●	●	●	●
Better	747D	Ceramic Aluminum Oxide Blend	●		●		●			
Best	947D	Ceramic Abrasive Grain	●	●	●		●	●	●	

See pages 72–77 for available accessories.

3M™ Flap Discs (cont.)

NEW! 3M™ Flap Discs 546D

- Versatile alumina zirconia mineral works on a variety of metals and applications
- Flexible X wt. cotton backing designed for fast cut on light duty grinding/finishing applications



624139

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case		
Type 29						
051115-28874-6†	24	13,300	4-1/2" x 7/8"	10		
051115-28875-3†	36					
051115-28876-0	40					
051115-28877-7	60					
051115-28878-4	80					
051115-28879-1†	120					
051115-28868-5†	24				4-1/2" x 5/8-11*	
051115-28869-2†	36					
051115-28870-8	40					
051115-28871-5	60					
051115-28872-2	80					
051115-28873-9†	120					
051115-28926-2†	24		8,600			7" x 7/8"
051115-28927-9†	36					
051115-28928-6	40					
051115-28929-3	60					
051115-28930-9	80					
051115-28931-6†	120					
051115-28920-0†	24	7" x 5/8-11*				
051115-28921-7†	36					
051115-28922-4	40					
051115-28923-1	60					
051115-28924-8	80					
051115-28925-5†	120					

† Made-to-Order
* Quick Change Hub Attachment

3M™ Flap Discs 546D (cont.)

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case			
Type 27							
051141-30598-1†	36	13,300	4-1/2" x 7/8"	10			
051141-30599-8	40						
051141-30600-1	60						
051141-30601-8	80						
051141-30602-5†	120						
051141-30593-6†	36				4-1/2" x 5/8-11*		
051141-30594-3	40						
051141-30595-0	60						
051141-30596-7	80						
051141-30597-4†	120						
051141-30603-2†	36		8,600			7" x 7/8"	5
051141-30604-9	40						
051141-30605-6	60						
051141-30606-3	80						
051115-28917-0†	120						
051141-30607-0†	36	7" x 5/8-11*					
051141-30608-7	40						
051141-30609-4	60						
051141-30610-0	80						
051115-28919-4†	120						

† Made-to-Order
* Quick Change Hub Attachment

Tech Tip

Flap discs typically provide a finish one grade finer than they are graded.

See pages 72–77 for available accessories.

3M™ Flap Discs (cont.)

NEW! 3M™ Flap Discs 577F

- Versatile alumina zirconia mineral works on a variety of metals and applications
- Durable YF wt. polyester backing designed for long life on the most heavy duty grinding applications



UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case			
Type 29							
051141-30983-5	36	13,300	4-1/2" x 5/8-11	10			
051141-30984-2	40						
051141-30985-9	60						
051141-30986-6	80						
051141-30987-3	36						
051141-30988-0	40		4-1/2" x 7/8"				
051141-30989-7	60						
051141-30990-3	80						
051141-30991-0	36						
051141-30992-7	40						
051141-30993-4	60	8,600	7" x 5/8-11	5			
051141-30994-1	80						
051141-30995-8	36						
051141-30996-5	40						
051141-30997-2	60		7" x 7/8"				
051141-30998-9	80						
Type 27							
051141-30951-4	36				13,300	4-1/2" x 5/8-11	10
051141-30952-1	40						
051141-30953-8	60						
051141-30954-5	80						
051141-30955-2	36						
051141-30956-9	40	4-1/2" x 7/8"					
051141-30957-6	60						
051141-30958-3	80						
051141-30963-7	36		8,600	7" x 5/8-11		5	
051141-30964-4	40						
051141-30965-1	60						
051141-30966-8	80						
051141-30959-0	36	7" x 7/8"					
051141-30960-6	40						
051141-30961-3	60						
051141-30962-0	80						

NEW! 3M™ Giant Flap Discs 577F

- Versatile alumina zirconia mineral works on a variety of metals and applications
- Durable YF wt. polyester backing designed for long life on the most heavy duty grinding applications
- 25% more flaps than standard 3M™ Flap Discs 577F



UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case			
Type 29							
051141-30999-6	36	13,300	4-1/2" x 5/8-11	10			
051141-31000-8	40						
051141-31001-5	60						
051141-31002-2	80						
051141-31003-9	36						
051141-31004-6	40		4-1/2" x 7/8"				
051141-31005-3	60						
051141-31006-0	80						
051141-31011-4	36				8,600	7" x 5/8-11	5
051141-31012-1	40						
051141-31013-8	60						
051141-31014-5	80						
051141-31007-7	36	7" x 7/8"					
051141-31008-4	40						
051141-31009-1	60						
051141-31010-7	80						
Type 27							
051141-30967-5	36	13,300	4-1/2" x 5/8-11	10			
051141-30968-2	40						
051141-30969-9	60						
051141-30970-5	80						
051141-30971-2	36						
051141-30972-9	40		4-1/2" x 7/8"				
051141-30973-6	60						
051141-30974-3	80						
051141-30979-8	36				8,600	7" x 5/8-11	5
051141-30980-4	40						
051141-30981-1	60						
051141-30982-8	80						
051141-30975-0	36	7" x 7/8"					
051141-30976-7	40						
051141-30977-4	60						
051141-30978-1	80						

See pages 72-77 for available accessories.

3M™ Flap Discs (cont.)

3M™ Flap Discs 747D

- 3M™ Ceramic Aluminum Oxide blend abrasive grain provides extended cut and life on hard metals



84696

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case		
Type 27						
051111-49613-8	36	13,300	4-1/2" x 7/8"	10		
051111-49614-5	50					
051111-49615-2	60					
051111-49616-9	80					
051111-49617-6	P120					
051111-55805-8	36					
051111-61057-2†	50		4-1/2" x 5/8-11*			
051111-61058-9†	60					
051111-61059-6†	80					
051111-61060-2†	P120					
051111-49608-4	36				8,600	7" x 7/8"
051111-49609-1	50					
051111-49610-7	60					
051111-49611-4	80					
051111-49612-1†	120					

† Made-to-Order

* Quick Change Tinneman Nut Attachment

3M™ Flap Discs 947D

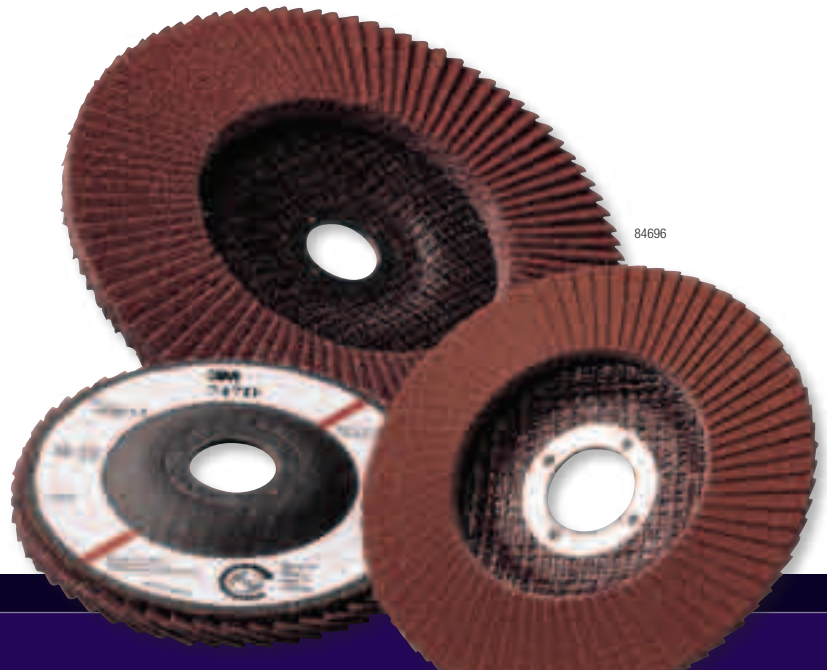
- Excellent option for stainless steel finishing
- 3M™ Ceramic abrasive grain for exceptional cut and life on hard metals



360834

UPC	Grade	Max. RPM	Dia. x Ctr. Hole	Qty./Case		
Type 27						
051111-61187-6	40	13,300	4-1/2" x 7/8"	10		
051111-61188-3	60					
051111-61189-0	80					
051111-61190-6	120					
051111-61191-3	40					
051111-61192-0	60					
051111-61193-7	80		4-1/2" x 5/8-11*			
051111-61194-4	120					
051111-61195-1	40				8,600	7" x 7/8"
051111-61196-8	60					
051111-61197-5	80					
051111-61198-2	120					
051111-61199-9	40					
051111-61200-2	60	7" x 5/8-11*				
051111-61201-9	80					

* Quick Change Hub Attachment



84696

See pages 72–77 for available accessories.

3M™ Stikit™ and PSA Discs

3M™ Stikit™ and PSA Discs are designed to handle a wide range of sanding and finishing needs. These discs have a pressure sensitive adhesive coating on the back side for easy application and clean removal.

3M™ Stikit™ and PSA Disc Selection Guide

	3M ID	Anti-Loading	Backing	Application		Metal Type					
				Blending	Finishing	Stainless Steel	Aluminum	Carbon Steel	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
Good	NX	Yes	C & D wt. Paper	●	●	●	●	●			
	341D	—	X wt. Cloth	●	●		●	●			●
Better	236U	Yes	C wt. Paper	●	●		●	●			
	426U	Yes	A wt. Paper		●	●	●	●			
	363I	—	F wt. Paper	●	●		●	●			
	202DZ	—	J wt. Cloth	●	●		●				●
	348D	—	X wt. Cloth	●			●	●			
Best	735U	Yes	C wt. Paper	●	●		●	●			
	763U	—	F wt. Paper	●	●	●	●	●			
	777F	—	Y wt. Cloth	●	●	●		●	●	●	
	900DZ	—	J wt. Cloth	●	●		●				

3M™ Stikit™ Discs

3M™ Stikit™ Disc 202DZ

- Aluminum oxide on a durable J wt. cloth backing
- Excellent for use on aluminum and brass
- Open coat resists loading
- Individual discs with liners



148265

UPC	Grade	Diameter	Min./Case
Paper Backing			
051111-50450-5	80	5"	50/250
051111-50451-2	P100		
051111-50452-9	P120		
051111-50453-6	P150		
051111-50454-3	P180		
051111-50455-0	P220		
051111-50459-8	80	6"	
051111-50460-4	P100		
051111-50461-1	P120		
051111-50462-8	P150		
051111-50463-5†	P180		
051111-50464-2	P220		

† Made-to-Order

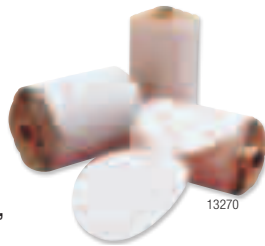
ATTENTION: See backup pad maximum operating speed for the appropriate operating speed for the 3M™ Stikit™ and PSA Discs.

See pages 72–77 for available accessories.

3M™ Stikit™ Discs (cont.)

NEW! 3M™ NX Disc Roll

- Aluminum oxide on a C wt. (P100–P400) or D wt. (40, P60, P80) paper backing
- Load resistant coating
- Excellent for sanding on whitewood, primer, paint sealers and topcoats



UPC	Grade	Diameter	Min./Case		
Paper Backing					
051141-31181-4	P80	5" x NH	100/4		
051141-31182-1	P100				
051141-31183-8	P120				
051141-31184-5	P150				
051141-31185-2	P180				
051141-31186-9	P220				
051141-27672-4	P240				
051141-27674-8	P320				
051141-27676-2	P400	6" x NH	100/4		
051141-31189-0	P80				
051141-31190-6	P100				
051141-31191-3	P120				
051141-31192-0	P150				
051141-31193-7	P180				
051141-31194-4	P220				
051141-27673-1	P240				
051141-27675-5	P320	6" x NH	50/250		
051141-27677-9	P400				
Paper Backing with Tabbed Liner					
051141-31211-8	40			5" x NH	50/250
051141-31212-5	P60	5" x NH			
051141-31219-4	40				
051141-31220-0	P60	6" x NH			

3M™ Stikit™ Disc Roll 236U

- Aluminum oxide on a C wt. paper backing
- Discs for paint, primer, wood, metal, plastic and fiberglass
- Strong paper backing provides durability and increased cut rate
- Open coat minimizes loading
- Load resistant coating



UPC	Grade	Diameter	Discs/Roll	Qty./Case
Paper Backing				
051144-86488-1	P80	5"	100	4
051144-86489-8	P100			
051144-86490-4	P120			
051144-86491-1	P150			
051144-86492-8	P180			
051144-86493-5	P220			
051144-86494-2	P240			
051144-86495-9	P320			
051144-86496-6	P400			
051144-86497-3	P500			
051144-86468-3	P80			
051144-86469-0	P100			
051144-86470-6	P120			
051144-86471-3	P150			
051144-86472-0	P180			
051144-86473-7	P220			
051144-86474-4	P240			
051144-86475-1	P320			
051144-86476-8	P400			
051144-86477-5	P500			

NEW! 3M™ Stikit™ Disc Roll 341D

- Aluminum oxide on a durable X wt. cloth backing
- Resin bonded for heat resistance



UPC	Grade	Diameter	Discs/Roll	Qty./Case
Paper Backing				
051144-21752-6	50	5" X NH	100	4
051144-21751-9	60			
051144-21750-2	80			
051144-21749-6	P100			
051144-21748-9	P120			
051144-21746-5	P180	6" X NH	100	4
051144-21762-5	60			
051144-21761-8	80			

See pages 72–77 for available accessories.

3M™ Stikit™ Discs (cont.)

3M™ Stikit™ Disc Roll 363I

- Aluminum oxide on an extra heavy F wt. paper backing
- Resin bonded for heat resistance



105480

UPC	Grade	Diameter	Discs/Roll	Qty./Case
Paper Backing				
051144-21800-4	60	5" x NH	100	4
051144-21799-1	80			
051144-21798-4	P100			
051144-21797-7	P120			
051144-21796-0	P150			
051144-21795-3	P180			
051144-21794-6	60	6" x NH		
051144-21793-9	80			
051144-21792-2	P100			
051144-21791-5	P120			
051144-21790-8	P150			
051144-21789-2	P180			



3M™ Stikit™ Disc Roll 426U

- Silicon carbide abrasive on a flexible A wt. paper backing
- Features a load resistant coating
- Delivers good cut and excellent finish



715682

UPC	Grade	Diameter	Discs/Roll	Qty./Case
051141-27775-2	80	5" x NH	125	10
051141-27776-9	100			
051141-27777-6	120			
051141-27778-3	150			
051141-27779-0	180			
051141-27780-6	220			
051141-27781-3	240	6" x NH	175	6
051141-27782-0	280			
051141-27783-7	320			
051141-27784-4	400			
051141-27785-1	80			
051141-27786-8	100			
051141-27787-5	120	6" x NH	125	10
051141-27788-2	150			
051141-27789-9	180			
051141-27790-5	220			
051141-27791-2	240			
051141-27792-9	320			

Tech Tip

3M™ Disc Finish and Life (comparing grade 180)

Get the most out of your 900DZ disc by pairing it with our 2-Handed 3M™ Random Orbital Sander (PN28337)



Best Finish (fewest swirl marks)

- ↑
- 426U
 - NX
 - 236U
 - 363I
 - 735U
 - 763U
 - 202DZ
 - 341D
 - 900DZ
- ↓

Coarsest Finish

Longest Life (related to mineral dulling)

- ↑
- 900DZ
 - 777F
 - 341D
 - 202DZ
 - 763U
 - 735U
 - 363I
 - 236U
 - NX
 - 426U
- ↓

Least Life

ATTENTION: See backup pad maximum operating speed for the appropriate operating speed for the 3M™ Stikit™ and PSA Discs.

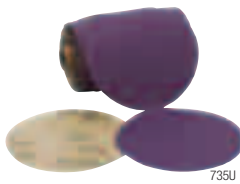
See pages 72–77 for available accessories.

3M™ Stikit™ Discs (cont.)



3M™ Stikit™ Disc/ Disc Roll 735U

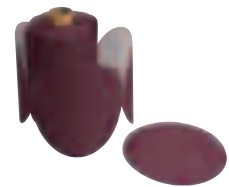
- 3M™ Ceramic Aluminum Oxide blend abrasive grain on a C wt. paper
- Load-resistant coating
- Sharp-cutting and durable
- Ideal for wood, soft metals, fiberglass and solid surface



UPC	Grade	Diameter	Discs/Roll	Qty./Case
Disc Rolls				
051111-51229-6	P80	5" x NH	100	4
051111-51230-2	P100			
051111-51231-9	P120			
051111-51232-6	P150			
051111-51233-3	P180			
051111-51234-0	P220			
Paper Backing with Tabbed Liner				
051141-20760-5	P80	5" x NH	50	5
051141-20762-9	P100			
051141-20764-3	P120			
051141-20766-7	P150			
051141-20768-1	P180			
051141-20770-4	P220	6" x NH	50	5
051141-24042-8	P80			
051141-24043-5	P100			
051141-24044-2	P120			
051141-24045-9	P150			
051141-24046-6	P180			
051141-24047-3	P220			

3M™ Stikit™ Disc Roll 763U

- 3M™ Ceramic Aluminum Oxide blend abrasive grain on a heavy F wt. paper backing



UPC	Grade	Diameter	Discs/Roll	Qty./Case
Paper Backing				
051144-80942-4	60	5" x NH	100	4
051144-80943-1	80			
051144-80944-8	P100			
051144-80945-5	P120	6" x NH	100	4
051144-80946-2	60			
051144-80947-9	80			

3M™ Stikit™ Disc 900DZ

- High performance 3M™ Ceramic abrasive grain on a J wt. backing
- Open coat to reduce loading
- Individual discs with liner



UPC	Grade	Diameter	Min./Case
Paper Backing			
051111-49639-8	80	5" x NH	50/250
051111-49640-4	P100		
051111-49641-1	P120		
051111-49643-5	P150		
051111-49642-8	P180		
051111-49644-2	P220		

ATTENTION: See backup pad maximum operating speed for the appropriate operating speed for the 3M™ Stikit™ and PSA Discs.

See pages 72–77 for available accessories.



3M™ PSA Discs

NEW! 3M™ PSA Cloth Disc 348D

- Aluminum oxide on an X wt. cloth backing
- Heavy-duty, cloth-backed discs for more aggressive applications
- Provides excellent adhesion while removing easily



UPC	Grade	Diameter	Min./Case	
Cloth Backing				
051144-20913-2	36	2"	50/200	
051144-20911-8	50			
051144-20910-1	60			
051144-20909-5	80			
051144-20908-8	P100			
051144-20907-1	P120			
051144-01335-7	40	3"		
051144-01334-0	50			
051144-01333-3	60			
051144-01332-6	80			
051144-01331-9	P100			
051144-01330-2	P120			
051144-20891-3	36	5"	50/250	
051144-20890-6	40			
051144-20889-0	50			
051144-20888-3	60			
051144-20887-6	80			
051144-20886-9	P100			
051144-20885-2	P120			
051144-20884-5	P150			
051144-20883-8	P180			
051144-20881-4	P240			
051144-21639-0	36			6"
051144-21731-1	40			
051144-20879-1	50			
051144-20878-4	60			
051144-20877-7	80			
051144-20876-0	P100			
051144-21497-6	P120	8"		
051144-20874-6	36			
051144-20873-9	40			
051144-20871-5	60			
051144-20870-8	80			
051144-20868-5	P120			
051144-88906-8	36	12"		10
051144-88905-1	40			
051144-88904-4	50			
051144-88903-7	60			
051144-88902-0	80			
051144-88901-3	P100			

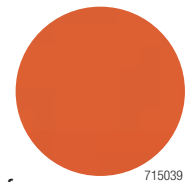


3M™ PSA Cloth Disc 348D (cont.)

UPC	Grade	Diameter	Min./Case
051144-88890-0	36	16"	10
051144-88889-4	40		
051144-88887-0	60		
051144-88886-3	80	18"	
051144-88882-5	36		
051144-88880-1	60		
051144-88878-8	36	20"	
051144-88877-1	40		
051144-88876-4	50		
051144-88875-7	60		
051144-88874-0	80	24"	
051144-20802-9	36		
051144-20801-2	40		
051144-20798-5	80		

3M™ PSA Disc 777F

- 3M™ Ceramic Aluminum Oxide blend abrasive grain on a polyester cloth backing
- Heavy-duty YF wt. backing provides great strength and flexibility
- Provides long life and fast cut on multiple surfaces
- Includes a grinding aid for cooler running



UPC	Grade	Diameter	Qty./Case
Cloth Backing			
051144-88869-6	36	12"	10
051144-88873-3	40		
051144-88872-6	50		
051144-88871-9	60		
051144-88870-2	80		

See pages 72–77 for available accessories.

3M™ Roloc™ Discs

3M™ Roloc™ Discs provide a fast, efficient method for grinding, blending, leveling and finishing on all types of metal. They lock securely in place with just a half twist...another half twist and they're off. Each disc is color coded by grade. (This does not include 3M Roloc TSM products.)

3M™ Roloc™ Disc Button Color/Grade Chart

- 24/Black
- 80/Yellow
- 150/Black
- 36/Brown
- 100/Blue
- 180/Brown
- 50/Green
- 120/White
- 240/Green
- 60/Orange

■ Mild Steel ■ Stainless Steel

Key: Colored square indicates recommended usage.

3M™ Roloc™ Cloth Disc Selection Guide

	Product ID	Mineral	Features	Metal Type	Grinding	Light Grinding	Blending	Deburring
Good	361F	Aluminum Oxide	General purpose grinding, light grinding, blending, and deburring on all metals	All Metals	●	●	●	●
	461F	Silicon Carbide	Ideal for grinding glass, titanium and non-ferrous metals	Titanium		●	●	●
Better	777F	Ceramic A/O* Blend	Durable Y wt. Cloth backing; Grinding aid	Stainless Steel, Nickel Alloy	●	●	●	●
Best	963G	Ceramic Abrasive Grain	Durable backing	Carbon Steel	●	●	●	●
	977F		Durable 2-ply backing; Grinding aid	Stainless Steel, Nickel Alloy	●	●	●	●

*A/O – Aluminum Oxide

3M™ Roloc™ Fiber Disc Selection Guide


	Product ID	Mineral	Features	Metal Type	Grinding	Light Grinding	Blending	Deburring
Good	501C	Aluminum Zirconia	Versatile disc for use on a wide variety of metals; General purpose grinding, blending and finishing on all metals	All Metals	●	●		●
Better	785C	Ceramic A/O* Blend	Excellent for stainless steel; Grinding aid	Stainless Steel	●	●		●
Best	983C/988C	Ceramic Abrasive Grain	Fast cutting; Long life; Designed for a variety of carbon steel applications	Carbon Steel	●	●		●
	988R		Unique single-piece construction that can eliminate button delamination and enhance disc performance; Cut through metal stock to quickly level welds and take on tough jobs in small areas	Mild Steel	●	●		●

*A/O – Aluminum Oxide


3M™ Roloc™ Attachment System Guide

Product ID	Attachment				Dia.	Attachment			
	TP	TR	TSM	TS		TP	TR	TSM	TS
361F	●	●	●		3/4"	●	●		●
461F		●			1"	●	●	●	●
777F		●	●	●	1-1/2"	●	●	●	●
963G		●			2"	●	●	●	●
977F		●			3"	●	●	●	●
501C		●	●		4"	●	●		●
785C		●							
983C/988C		●							
988R		●							


TP




TR



TSM



TS



Optimum Tool Speeds to Maximize 3M™ Roloc™ Disc Cut Rates and Life

Disc Size	Material Type			
	Stainless	Aluminum	Steel	Titanium
1-1/2"	20,000 RPM	30,000 RPM	30,000 RPM	9,000 RPM
2"	15,000 RPM	20,000 RPM	20,000 RPM	7,000 RPM
3"	10,000 RPM	15,000 RPM	15,000 RPM	4,500 RPM
4"	8,000 RPM	9,000 RPM	9,000 RPM	3,000 RPM

See pages 72–77 for available accessories.

3M™ Roloc™ Discs

3M™ Roloc™ Disc 361F ■

- Aluminum oxide on a YF wt. cloth backing
- General purpose grinding, blending and finishing on all metals



UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button)				
051144-11412-2	36	30,000	1"	50/500
051144-11411-5	50			
051144-11417-7	60			
051144-11416-0	80			
051144-11415-3	P100			
051144-11414-6	P120			
051144-11452-8†	24	30,000	1-1/2"	
051144-22396-1	36			
051144-11137-4	50			
051144-22397-8	60			
051144-22407-4	80			
051144-22408-1	P100			
051144-22409-8	P120	25,000	2"	
051144-11000-1	24			
051144-22398-5	36			
051144-22399-2	50			
051144-22400-5	60			
051144-22401-2	80			
051144-22402-9	P100			
051144-22403-6	P120			
051144-14559-1	P150			
051144-13873-9	P180			
051144-11419-1	P240			

† Made-to-Order

3M™ Roloc™ Disc 361F (cont.)

UPC	Grade	Max. RPM	Diameter	Min./Case		
Roloc TR (Plastic Button)						
051144-22392-3	24	20,000	3"	50/200		
051144-22393-0	36					
051144-22394-7	50					
051144-22395-4	60					
051144-22404-3	80					
051144-22405-0	P100					
051144-22406-7	P120	12,000	4"			
051144-82244-7	P150					
051144-11418-4	P240					
051144-76429-7	36					
051144-11421-4	60					
051144-11420-7	80				Roloc TSM (Metal Button)	
051111-49932-0	36	30,000	1-1/2"	50/500		
051111-49933-7	60					
051111-49934-4	80					
051111-51039-1	P100					
051111-51038-4†	P120					
051111-49936-8	36				25,000	2"
051111-49937-5	60					
051111-49938-2	80					
051111-51034-6	P100					
051111-49939-9	P120					
051111-51033-9	36	20,000	3"			
051111-49940-5	60					
051111-49941-2	80					
051111-49942-9	P100					
051111-49943-6	P120			Roloc TP (Metal Button)		
051111-82401-4	40			25,000	2"	50/200
051111-76806-6	60					
051111-76810-3	80					
051111-77115-8†	100					
051111-22393-0	36	20,000	3"			
051111-22394-7	50					
051111-22395-4	60					
051111-22404-3	80					
051111-22405-0	P100					

† Made-to-Order

■ Mild Steel ■ Stainless Steel

See pages 72–77 for available accessories.

3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Disc 461F


- Silicon carbide on a YF wt. cloth backing gives stainless steel a brighter finish
- Ideal for grinding glass, titanium and non-ferrous metals



51704



524509



UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-12956-0	P60	25,000	2"	50/200
051144-12954-6	P80			
051144-12957-7	P60	20,000	3"	
051144-12955-3	P80			

3M™ Roloc™ Fibre Disc 501C ■

- Aluminum zirconia – Fibre
- Versatile disc for use on a wide variety of metals

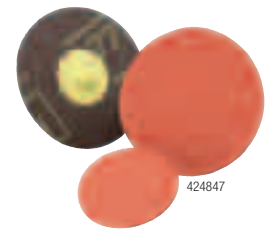


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UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051141-20645-5	36	25,000	2"	50/200
051111-50748-3	50			
051111-50749-0	60			
051111-50750-6	80	20,000	3"	
051111-50743-8	36			
051111-50744-5	50			
051111-50745-2	60			
Roloc TSM (Metal Button) 				
051111-50755-1	36	25,000	2"	50/200
051111-50756-8	50			
051111-50757-5	60			
051111-50758-2	80	20,000	3"	
051111-50751-3	36			
051111-50752-0	50			
051111-50753-7	60			
051111-50754-4	80			

3M™ Roloc™ Disc 777F ■

- 3M™ Ceramic Aluminum Oxide blend abrasive grain
- Cloth backing for durability
- Grinding aid for cooler running



424847




UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-76622-2	36	30,000	1"	50/500
051144-76623-9	50			
051144-76624-6	60			
051144-76625-3	80			
051144-80510-5	P120	25,000	1-1/2"	
051144-76626-0	36			
051144-76627-7	50			
051144-76628-4	60			
051144-14660-4	80	20,000	3"	50/200
051144-80511-2	P120			
051144-76629-1	36			
051144-76630-7	50			
051144-76433-4	60	25,000	2"	
051144-14661-1	80			
051144-80508-2	P100			
051144-80512-9	P120			
051144-76631-4	36	20,000	3"	
051144-76632-1	50			
051144-76633-8	60			
051144-76634-5	80			
051144-80509-9	P100			
051144-80513-6	P120			

■ Mild Steel ■ Stainless Steel

See pages 72–77 for available accessories.

3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Disc 777F (cont.)


UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TSM (Metal Button) 				
051111-49949-8	36	25,000	2"	50/200
051111-50253-2	60			
051111-50254-9	80			
051111-50255-6	100			
051111-50256-3	P120			
051111-50257-0	36	20,000	3"	
Roloc TP (Metal Button) 				
051144-76770-0†	60	25,000	2"	50/200
051144-76743-4†	36	20,000	3"	
051144-76763-2†				
051144-76767-0†				
051144-76767-0†				
Roloc TS (Plastic Button) 				
051144-76742-7	36	25,000	2"	50/200
051144-76746-5	50			
051144-76750-2	60			
051144-76743-4†	36	20,000	3"	
051144-76747-2†	50			
051144-76751-9	60			
051144-76755-7	80			

† Made-to-Order

3M™ Roloc™ Fibre Disc 785C ■

- 3M™ Ceramic Aluminum Oxide blend abrasive grain – Fibre
- An excellent starting point for stainless steel
- Includes a grinding aid for cooler running

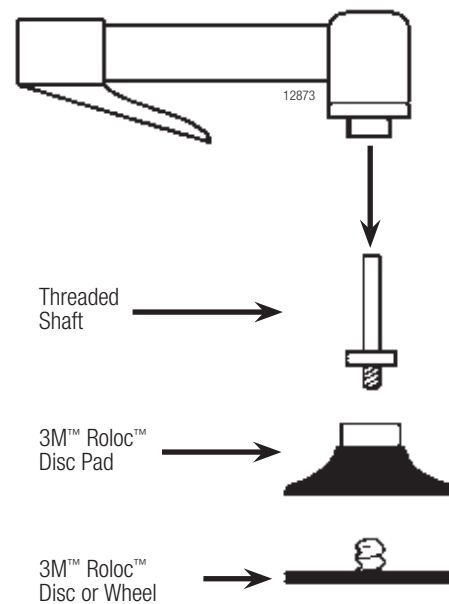


UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-85882-8†	24	20,000	3"	50/100
051144-85883-5	36			
051144-85884-2	50			
051144-85885-9	60			
051144-85886-6	80			
051144-85887-3	P100	50/200		
051144-85888-0	P120			
051144-83690-1	36	12,000	4"	25/100
051144-83691-8	50			
051144-83692-5	60			
051144-83693-2	80			
051144-83694-9	P100			
051144-83695-6	P120			

† Made-to-Order

■ Mild Steel ■ Stainless Steel

See pages 72–77 for available accessories.




3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Cloth Disc 963G ■

- 3M™ Ceramic abrasive grain
- Durable cloth backing

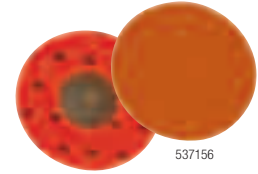




UPC	Grade	Max. RPM	Diameter	Min./Case		
Roloc TR (Plastic Button) 						
051144-11422-1†	50	30,000	1"	50/500		
051144-11428-3	60					
051144-11427-6	80					
051144-11425-2	120					
051144-11450-4	36					
051144-11448-1	60		1-1/2"			
051144-11455-9	80					
051144-11454-2†	100					
051144-11453-5	120					
051144-11113-8	24				25,000	2"
051144-11112-1	36					
051144-76436-5	40					
051144-11111-4	50					
051144-11110-7	60					
051144-11109-1	80					
051144-11107-7	100					
051144-11106-0	120					
051144-11108-4	24	20,000	3"			
051144-11105-3	36					
051144-11104-6	50					
051144-11103-9	60					
051144-11102-2	80					
051144-11101-5	100					
051144-11100-8	120					

† Made-to-Order

3M™ Roloc™ Durable Edge Disc 977F ■

- 3M™ Ceramic abrasive grain
- Features a durable backing and a grinding aid
- For grinding, blending and deburring of light to medium pressure applications for virtually all metal types



UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-24094-7	36	25,000	2"	50/200
051144-24096-1	50			
051144-24098-5	60			
051144-24100-5	80			
051144-24095-4	36	20,000	3"	
051144-24097-8	50			
051144-24099-2	60			
051144-24102-9	80			
Roloc TSM (Metal Button) 				
051141-24005-3	36	30,000	1-1/2"	50/500
051141-27348-8†	36			
051141-27393-8	50			
051141-27346-4†	60			
051141-27347-1†	36	25,000	2"	50/200
051141-27392-1†	50			
051141-27345-7†	60			

† Made-to-Order

■ Mild Steel ■ Stainless Steel



See pages 72–77 for available accessories.

3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Disc 977F ■

- 3M™ Ceramic abrasive grain
- Features a grinding aid
- Excellent for stainless steel, titanium and high nickel alloys.




UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-83587-4	36	25,000	2"	50/200
051144-83588-1	60			
051144-83589-8	80			
051144-83590-4†	36	20,000	3"	
051144-83591-1	60			
051144-83592-8	80			
Roloc TSM (Metal Button) 				
051141-24005-3	36	30,000	1-1/2"	50/500
051141-24006-0	60			
051141-24003-9	36	25,000	2"	50/200
051141-24004-6	60			

† Made-to-Order

3M™ Roloc™ Fibre Disc 983C/988C ■

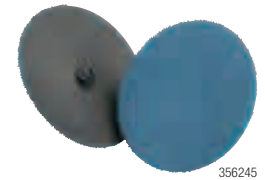
- 3M™ Ceramic abrasive grain content for fast cutting and long life
- Fibre backing for durability
- Designed for high-pressure weld leveling and deburring




UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051144-22352-7	36	25,000	2" 983C	50/200
051111-50005-7	50			
051144-22353-4	60			
051144-22354-1	80			
051144-22349-7	36	20,000	3" 983C	
051144-85890-3	50			
051144-22350-3	60			
051144-22351-0	80			
051111-55753-2	36	12,000	4" 988C	25/100
051111-55754-9	50			
051111-55755-6	60			
051111-55756-3	80			

3M™ Roloc™ Discs 988R ■

- 3M™ Ceramic abrasive grain
- Cuts through metal stock to quickly level welds and take on tough jobs in small areas
- A unique single-piece construction that can eliminate button delamination and enhance disc performance



UPC	Grade	Max. RPM	Diameter	Min./Case
Roloc TR (Plastic Button) 				
051141-20626-4	24	25,000	2"	50/200
051141-20627-1	36			
051141-20628-8	50			
051141-20629-5	60			
051141-20630-1	80	20,000	3"	
051141-20024-8	24			
051141-20025-5	36			
051141-20026-2	50			
051141-20030-9	60	80		
051141-20027-9	80			

■ Mild Steel ■ Stainless Steel

See pages 72–77 for available accessories.

3M™ Belts

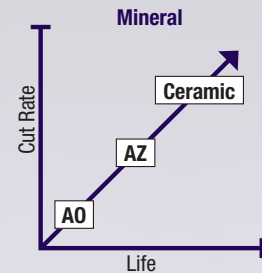
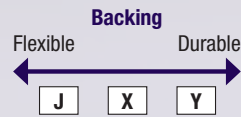
3M is the one-stop shop for all of your coated abrasive metalworking belt needs! We offer a product tailored to nearly every application and performance level. To select the best product for your application, check out our easy-to-use Belt Selection Guide. Each tier of product offers best-in-class performance at various price points. Once you have selected the product, use the Availability Guide to select your grade. The following section includes our most popular belt items, but remember, we can provide any size belt that you might need!

Abrasive Speed Recommendations for Off-Hand Applications

Alloy	Belt Speed (surface feet per minute)	Applicable Belt Grades
Cast Iron	7,000	24–120
Carbon Steel	6,500	24–120
Stainless Steel	6,500–7,000	36–120
Nickel Alloys	6,000	36–120
Titanium	2,500–3,000	36–180
Aluminum	7,500–8,500	24–120
	6,500–7,000	Fine Grades
Brass	7,000–8,000	36–180
Rubber	4,500	36–180
Glass	2,500–5,000	80–400
	6,000–8,000	
Stone	7,000	36–180

Tech Tip

Keep Things Cool — When working on heat sensitive alloys like stainless steel, nickel alloys and cobalt alloys, choose a product with a grinding aid.



3M™ Coated Belt Availability Guide

3M ID	Mineral	Backing	Grinding Aid	Use Dry/Wet	600	500	400	320	240	220	180	150	120	100	80	60	50	40	36	24
241E	Aluminum Oxide	XE		Dry				P		P	P	P	P	P	●					
302D		J		Dry	P	P	P	P	P	P	P	P	P	P	●	●				
332D		Flex X		Dry			P	P	P	P	P	P	P	P	●	●				
341D		X		Dry			P	P	P	P	P	P	P	P	●	●	●	●	●	●
361F		XF		Dry/Wet			P	P	P	P	P	P	P	P	●	●	●	●	●	●
461F	Silicon Carbide	XF		Dry/Wet	P		P	P	P	P	P	P	P	P	P	P		P	P	
577F	Alumina Zirconia	YF	Yes	Dry/Wet							●	●	●	●	●	●	●	●	●	●
747D	Ceramic A/O* Blend	X	Yes	Dry								P	P	P	●	●	●		●	
777F		YF	Yes	Dry/Wet							P	P	P	P	●	●	●	●	●	
963G	Ceramic	YN		Dry/Wet									●	●	●	●	●	●	●	●
966F		YF		Dry/Wet										●	●	●	●	●	●	●
977F		YF	Yes	Dry/Wet									●	●	●	●	●	●	●	●
984F	Precision Shaped Ceramic	YF	Yes	Dry/Wet											●	●			●	

*A/O – Aluminum Oxide

See pages 72–77 for available accessories.

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

How to Use the Coated Abrasive Belt Selection Guide

1. Find the machine type that you will run this belt on.
2. Move down to the metal type that is being worked on.
3. Select the product from the list of **Good** – **Better** – **Best** finishing belts.
4. Check the Availability Guide for the grade.
5. Find the product on the following pages for available sizes.
6. If your size is not listed, contact your 3M distributor or 3M representative for ordering instructions.

Note

For the ultimate in performance for coarse grade grinding in any application, be sure to try the latest innovation: 3M™ Cubitron™ II Metalworking Belts 984F.

3M™ Coated Abrasive Belt Selection Guide



		Portable/ File Tool	Coarse Grade Power Grinding/ High Pressure	Slack of Belt Sander	Stroke Sander	Bench Top Belt Machine	Backstand/ Off Hand	Centerless & Roll Grinding		Flat Finishing	
								Dry	Wet	Dry	Wet
Carbon Steel	Good	241E	577F	341D	—	341D	341D	—	—	341D	361F
	Better	577F	963G	577F	—	577F	577F	577F	577F	577F	577F
	Best	984F	984F	—	—	984F	984F	966F	966F	966F	966F
	Finishing Belt	N/A	N/A	341D/ Trizact*	—	341D/ Trizact*	3XXD**/ Trizact*	777F/ Trizact*	Trizact*	461F	461F
Stainless Steel	Good	—	—	577F	341D	577F	577F	—	—	341D	361F
	Better	577F	577F	777F	—	777F	777F	577F	577F	577F	577F
	Best	984F	984F	—	747D	984F	984F	977F	966F	984F	984F
	Finishing Belt	N/A	N/A	Trizact*	—	Trizact*	3XXD**/ Trizact*	777F/ Trizact*	Trizact*	461F/ Trizact*	461F/ Trizact*
Aluminum, Brass, Bronze	Good	241E	577F	—	—	—	—	—	—	341D	361F
	Better	577F	963G	577F	—	577F	577F	577F	577F	577F	577F
	Best	984F	984F	—	—	984F	984F	—	—	—	—
	Finishing Belt	N/A	N/A	341D/ Trizact*	—	341D/ Trizact*	3XXD**/ Trizact*	341D/ Trizact*	461F	461F	461F
Cobalt and Nickel Alloys	Good	—	—	577F	—	577F	577F	—	—	577F	577F
	Better	577F	577F	777F	—	777F	777F	577F	577F	777F	777F
	Best	984F	984F	—	—	984F	984F	977F	966F	984F	984F
	Finishing Belt	N/A	N/A	Trizact*	—	Trizact*	3XXD**/ Trizact*	777F/ Trizact*	Trizact*	461F	461F
Titanium	Good	—	—	461F	—	461F	461F	—	—	N/A	461F
	Better	577F	577F	577F	—	577F	577F	—	577F	N/A	577F
	Best	984F	984F	—	—	984F	984F	—	966F	N/A	966F
	Finishing Belt	N/A	N/A	461F/ Trizact*	—	461F/ Trizact*	3XXD**/ Trizact*	—	Trizact*	N/A	461F

*For specific Trizact product recommendations, see page 22.

**3XXD: Choose from 302D, 332D and 341D depending upon backing flexibility needed for application.

See pages 72–77 for available accessories.

3M™ Trizact™ Belt Selection Guide



	Portable Tools	Centerless/Roll Grinder/ Tool Post (Dry)		Stroke/ Platen Sander	Backstand, Robotic		Flat Finisher	
		Dry	Wet		Med. Pressure	Lt. Pressure	Dry	Wet
Mild Steel, Stainless, Nickel, Cobalt Alloys	307EA	237AA	347FC	237AA	237AA	217EA	237AA	253FA
	237AA	327DC	363FC/463FC	347FC	307EA	237AA	347FC	363FC
	347FC	347FC	463FC/953FA	—	337DC	327DC	—	463FC
Aluminum, Brass, Copper	217EA	237AA	347FC	—	237AA	217EA	237AA	253FA
	237AA	327DC	363FC/463FC	237AA	307EA	237AA	347FC	363FC/463FC
	347FC	347FC	—	347FC	337DC	327DC	—	—
Titanium	237AA, 347FC, 407EA	407EA, 347FC	363FC/463FC	407EA	237AA, 337DC, 407EA	217EA, 327DC, 407EA	237AA	363FC/463FC
Chrome	347FC	327DC	347FC	—	—	—	—	—
	—	—	363FC/463FC	—	—	—	—	—
	—	—	953FA	—	—	—	—	—

3M™ Trizact™ Belt Availability Guide

3M ID	Mineral	Backing	Description	Use Dry/Wet	A Grade																						
					300	160	110	100	90	80	65	60	45	35	30	20	16	10	6	5	3						
217EA	Aluminum Oxide	Flex. J wt.	Low Pressure	Dry				●		●	●		●		●		●		●								
237AA	Aluminum Oxide	Semi Flex. X wt.	Low-Med Pressure	Dry		●		●		●	●		●		●		●		●		●						
253FA	Aluminum Oxide	Stiff X wt.	Low-Med Pressure	Wet				●		●	●		●		●		●		●		●						
305EA	Aluminum Oxide	Flex. J wt.	Fine Finishing	Dry																					●	●	
307EA	Aluminum Oxide	Flex. J wt.	Low-Med Pressure	Dry				●		●	●		●		●		●		●		●						
327DC	Aluminum Oxide	Semi Flex. X wt.	Low Pressure	Dry	●	●		●			●		●		●												
337DC	Aluminum Oxide	Semi Flex. X wt.	Med Pressure	Dry	●	●		●			●		●		●												
347FC	Aluminum Oxide	Semi Flex. X wt.	High Pressure	Wet/Dry	●	●		●			●		●		●												
363FC	Aluminum Oxide	Stiff YF wt.	Med-High Pressure	Wet	●	●		●			●		●		●		●										
407EA	Silicon Carbide	Flex. J wt.	Low-Med Pressure	Dry			●		●			●				●											
463FC	Silicon Carbide	Stiff YF wt.	Med-High Pressure	Wet											●		●		●		●		●		●		
953FA	Ceramic	Stiff YF wt.	Med-High Pressure	Wet	●	●		●			●		●		●		●		●		●		●		●		

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

See pages 72–77 for available accessories.

3M™ Belts

241E

- Aluminum oxide on an XE wt. cloth backing
- High strength backing for tougher applications
- Use with 3M™ File Belt Sander



UPC	Grade	W x L	Min./Case	
Portable Tool				
051144-26733-0	60	1/4" x 24"	50/200	
051144-26732-3	80			
051144-26731-6	120			
051144-31170-5	60	1/2" x 12"		
051144-26894-8†	80			
051144-26892-4†	120			
051144-72227-3†	60	1/2" x 18"		
051144-72228-0	80			
051144-72229-7†	120			
051144-26725-5†	50	1/2" x 24"		
051144-26723-1	60			
051144-26720-0	80			
051144-26719-4	100			
051144-26717-0†	120			
051144-26715-6	180			
051144-26714-9	220			
051144-14756-4	60			3/4" x 18"
051144-14519-5	80			
051144-14667-3	120			

† Made-to-Order

302D

- Aluminum oxide mineral
- Flexible belt for blending and finishing contoured and complex parts
- Works great on most metals
- Grades 60, 80, P100–P600



UPC	Grade	W x L	Min./Case
051141-30858-6	60	2" x 118"	25/50
051141-30861-6	80		
051141-30864-7	P100		
051141-30867-8	P120		
051141-30870-8	P150		
051141-30873-9	P180		
051141-30876-0	P220		
051141-30879-1	P240		

302D (cont.)

UPC	Grade	W x L	Min./Case
051141-30882-1	P280	2" x 118"	
051141-30885-2	P320		
051141-30888-3	P400		
051141-30891-3	P500		
051141-30894-4	P600	2" x 132"	
051141-30779-4	60		
051141-30710-7	80		
051141-30713-8	P100		
051141-30716-9	P120		
051141-30719-0	P150		
051141-30722-0	P180		
051141-30725-1	P220		
051141-30728-2	P240		
051141-30731-2	P280		
051141-30734-3	P320		
051141-30737-4	P400		
051141-30740-4	P500		
051141-30743-5	P600		
051141-30859-3	60		
051141-30862-3	80		
051141-30865-4	P100		
051141-30868-5	P120		
051141-30871-5	P150		
051141-30874-6	P180	3" x 132"	
051141-30877-7	P220		
051141-30880-7	P240		
051141-30883-8	P280		
051141-30886-9	P320		
051141-30889-0	P400		
051141-30892-0	P500		
051141-30895-1	P600		
051141-30780-0	60		
051141-30711-4	80		
051141-30714-5	P100		
051141-30717-6	P120		
051141-30720-6	P150		
051141-30723-7	P180		
051141-30726-8	P220		
051141-30729-9	P240		
051141-30732-9	P280		
051141-30735-0	P320		
051141-30738-1	P400		
051141-30741-1	P500		
051141-30744-2	P600		

See pages 72–77 for available accessories.

3M™ Belts (cont.)

332D

- Aluminum oxide mineral
- Semi-flexible X wt. backing provides good durability when working on contoured parts
- Works great on most metals
- Grades 60, 80, P100–P400

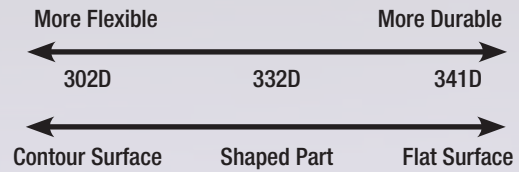


UPC	Grade	W x L	Min./Case
051141-30776-3	60	2" x 132"	25/50
051141-30746-6	80		
051141-30749-7	P100		
051141-30752-7	P120		
051141-30755-8	P150		
051141-30758-9	P180		
051141-30761-9	P220		
051141-30764-0	P240		
051141-30767-1	P280		
051141-30770-1	P320		
051141-30773-2	P400		
051141-30777-0	60		
051141-30747-3	80		
051141-30750-3	P100		
051141-30753-4	P120		
051141-30756-5	P150		
051141-30759-6	P180		
051141-30762-6	P220		
051141-30765-7	P240		
051141-30768-8	P280		
051141-30771-8	P320		
051141-30774-9	P400		

Tech Tip

Select the right belt for your job.

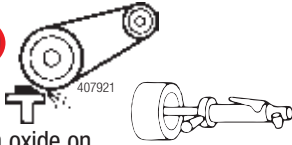
Choose from 302D, 332D and 341D depending upon backing flexibility needed for application as illustrated below:



See pages 72–77 for available accessories.

3M™ Belts (cont.)

NEW!



341D

- Aluminum oxide on an X wt. cloth backing
- Excellent all-around abrasive belt for blending and finishing



51724

UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051144-26614-2	36	1" x 42"	50/200
051144-31823-0	50		
891040-01450-7	60		
891040-01451-4	80		
891040-01452-1	P100		
891040-01453-8	P120		25/100
051144-26602-9	P150		
051144-26601-2	P180		
051144-26599-2	P240		
051144-26597-8	P320		
051144-26443-8	36	1-1/2" x 60"	10/50
051144-26441-4	40		25/50
051144-26438-4	60		
051144-26436-0	80	2" x 48"	10/50
051144-26571-8	36		
051144-26568-8	50		
051144-26564-0	60		25/50
051144-26562-6	80		
051144-26561-9	P100		
051144-26560-2	P120		
051144-26424-7	50	2" x 60"	10/50
051144-33640-1	60		25/50
051144-33639-5	80		
051144-33667-8	P120	2" x 72"	10/50
051144-26320-2	36		25/50
051144-26316-5	60		
051144-33067-6	80		
051144-26312-7	P120		
051144-26309-7	P180		
051144-81752-8	P240		

341D (cont.)

UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051144-26408-7	36	2-1/2" x 60"	10/50
051144-26400-1	60		25/50
051144-26396-7	80		
051144-26388-2	P120	3-1/2" x 15-1/2"	10/50
051144-26857-3	60		
051144-26856-6	80		
891040-02663-0	P120		
891040-01436-1	36	4" x 24"	25
891040-01439-2	60		50
891040-01440-8	80		
051144-33647-0	60	4" x 132"	25
891040-01454-5	36	6" x 48"	10/20
891040-01455-2	40		
891040-01456-9	50		
891040-01457-6	60		
891040-10454-3	80		
891040-10455-0	P100		20
891040-10456-7	P120		
051144-26517-6	P150		
051144-26515-2	P180		
051144-26513-8	P240		
051144-74271-4	P120	37" x 60"	5
051144-14420-4	80	37" x 75"	3
051144-33061-4	P120		5
051144-14508-9	P180		

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

See pages 72–77 for available accessories.

3M™ Belts (cont.)

361F

- Aluminum oxide on an XF wt. backing
- Durable belt with a tough polyester backing that can be used wet or dry
- Ideal use in the grinding of sheets and coils, centerless and hand tool applications



UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051111-67159-7†	P180	4" x 90"	50
051111-67179-5†	P320		
051111-68840-3†	P150	8" x 135"	20
051111-68841-0†	P180		
051111-51215-9	P180	37" x 75"	5
051111-68847-2†	80	52" x 75"	
051111-69422-0†	P400		
051119-84596-9†	60	6" x 90"	20
051115-27707-8†	P220	6" x 90"	
051125-09948-6†	P320	8" x 135"	
051144-14773-1	80	37" x 60"	2
051144-14905-6	P100		5
051144-11519-8	P120		
051144-76939-1	P150		
051144-11515-0	P180		
051144-76923-0	P220		
051144-81215-8	P100		37" x 75"
051144-76942-1†	P120		
051144-80037-7	P150		

† Made-to-Order

461F

- Silicon carbide mineral
- Durable cloth-backed belts
- For heavy duty grinding to fine finishing
- Resistant to tearing and will not easily nick

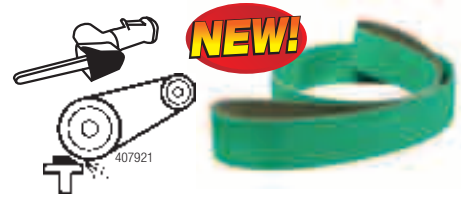


UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051111-67404-8†	P220	4" x 118"	50
051111-67405-5†		4" x 132"	
051111-67408-6†	P320	4" x 64"	
051125-23665-2†	P400	4" x 64"	50
051125-67387-4	P100	4" x 106"	5/5
051144-04337-8	P80	4" x 106"	
051144-04335-4†	P120		

† Made-to-Order

577F

- Alumina zirconia on a YF wt. cloth backing
- Resin bonded for heat resistance
- Features a grinding aid for cooler grinding
- Can be run wet or dry



UPC	Grade	W x L	Qty./Case
051141-30690-2	60	1/4" x 18"	50/200
051141-30691-9	80		
051141-30708-4	120		
051141-30694-0	60	1/4" x 24"	
051119-05580-1	80		
051141-30695-7	120	1/2" x 12"	
051111-68668-3	60		
051111-68695-9	80		
051141-30709-1	120	1/2" x 18"	
051141-30686-5	36		
051119-63081-7	60		
051119-82035-5	80		
051141-30689-6	120	1/2" x 24"	
051141-30693-3	36		
051111-68669-0	60		
051111-68696-6	80	1/2" x 24"	
051111-69436-7	120		
051141-30687-2	36		
051115-19553-2	60	3/4" x 18"	
051125-19076-3	80		
051141-30688-9	120		
051125-16745-1	60	3/4" x 20-1/2"	
051111-68697-3	80		
051125-22333-1	120		
051119-71425-8	60	1" x 18"	
051125-23878-6	80		
051141-30692-6	120		
051115-19554-9	60	2" x 48"	
051119-05579-5	80		
051125-11238-3	120		
051141-30699-5	36	2" x 60"	
051111-69103-8	60		
051141-30703-9	80		
051141-30704-6	120	2" x 72"	
051141-30698-8	36		
051111-69104-5	60		
051141-30701-5	80	2" x 72"	
051141-30697-1	120		

See pages 72–77 for available accessories.

3M™ Belts (cont.)

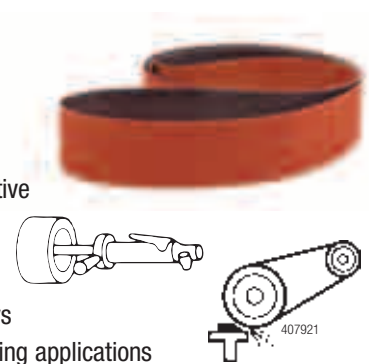
577F (cont.)

UPC	Grade	W x L	Qty./Case
051111-67602-8	36	2" x 132"	25/50
051141-30702-2	50		
051111-69105-2	60		
051111-69108-3	80		
051141-30696-4	120		
051119-64999-4	36	2-1/2" x 60"	
051111-69106-9	60		
051125-12707-3	80		
051141-30706-0	120		
051111-69099-4	36	3" x 132"	25/50
051119-82066-9	50		
051111-69569-2	60		
051111-69571-5	80		
051111-67681-3	120		
051119-67701-0†	60		
051119-58968-9†	80	3-1/2" x 15-1/2"	50
051119-67700-3†	120		
051111-67604-2	36	4" x 132"	25
051115-27562-3	50		
051111-69570-8	60		
051111-69573-9	80		
051125-23987-5	120		
051111-69445-9	60		
051119-83855-8	80		
051141-30707-7	120	6" x 48"	20
051111-69440-4	36		
051111-68691-1	60		
051111-69111-3	80	37" x 60"	2
051111-69115-1	120		
051125-22740-7	180		5
051119-61101-4	36		
051111-68692-8	60	37" x 75"	2
051111-69112-0	80		
051111-67688-2	120		
051125-09283-8	180		5

† Made-to-Order

747D

- 3M™ Ceramic Aluminum Oxide blend abrasive grain on an X wt. cloth backing
- Use for offhand heat sensitive stainless steel applications
- Grinding aid enhances performance on stainless steel and other exotic alloys
- Well suited for stroke sanding applications



UPC	Grade	W x L	Min./Case
051111-67749-0†	50	3" x 9-1/2"	200
051111-67759-9†	60		
051111-67789-6†	P100		
051111-67806-0†	P120	3" x 118"	50
051111-67807-7†	P120		
051115-27355-1†	60	3" x 132"	10
051111-68923-3†	P120		
051111-67751-3†	50	6" x 264"	20
051111-67766-7†	60		
051111-67778-0†	80		
051125-20535-1†	P100		
051111-67812-1†	P120	6" x 274"	10
051144-85846-0†	60		
051111-67779-7†	80	6" x 300"	20
051111-67767-4†	60		
051111-67781-0†	80		
051111-67813-8†	P120	6" x 355"	10
051115-19560-0†	50		
051111-67755-1†	50	6" x 360"	10

† Made-to-Order

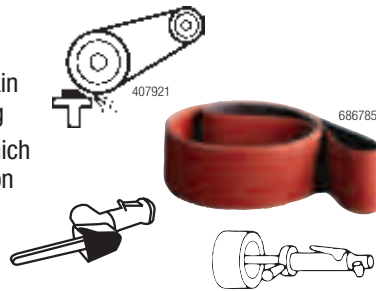
ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

See pages 72–77 for available accessories.

3M™ Belts (cont.)

777F

- 3M™ Ceramic Aluminum Oxide blend abrasive grain on a YF wt. cloth backing
- Contains grinding aid which enhances performance on stainless steel and other exotic alloys
- Can be run wet or dry



UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051144-84403-6	60	1/4" x 18"	200
051144-85318-2	80		
051144-19579-2	P120		
051144-84412-8	40	1/4" x 24"	
051144-80253-1	60		
051144-77642-9	80		
051144-82229-4	P120	1/2" x 12"	
051111-69457-2	60		
051144-85372-4	80		
051111-69604-0	P120	1/2" x 18"	
051144-84301-5	36		
051144-84409-8	40		
051144-80551-8	60	1/2" x 24"	
051144-80232-6	80		
051144-84304-6	P120		
051144-77643-6	36	1/2" x 24"	
051144-82342-0	40		
051144-77408-1	50		
051144-77065-6	60	3/4" x 18"	
051144-77491-3	80		
051144-81064-2	P120		
051144-84302-2	36	3/4" x 20-1/2"	
051144-84404-3	60		
051144-77992-5	80		
051144-84303-9	P120	1" x 18"	
051144-80486-3	60		
051144-80686-7	80		
051125-23897-7	60	1" x 42"	
051144-85319-9	80		
051141-30705-3	P120		
051144-76527-0	40	1" x 42"	50/200
051144-77512-5	60		
051144-14895-0	80		
051144-84416-6	60	1-1/2" x 60"	25/50
051144-76731-1	80		
051144-82022-1	P120		

777F (cont.)

UPC	Grade	W x L	Min./Case	
Backstand, Benchtop, Portable Tool				
051144-76738-0	36	2" x 48"	10/50	
051144-76519-5	60		25/50	
051144-14896-7	80			
051144-85393-9	P120	2" x 60"	50	
051144-77663-4	36			
051144-77152-3	60			
051144-84296-4	80	2" x 72"		
051144-85377-9	P120			
051144-76531-7	36			
051144-80286-9	60	2" x 132"		
051144-14884-4	80			
051144-81767-2	P120			
051144-14264-4	36	2-1/2" x 60"		
051144-14899-8	50			
051144-82231-7	60			
051144-14534-8	80	3" x 132"		
051144-81687-3	P120			
051144-84315-2	P180			
051144-76532-4	36	3-1/2" x 15-1/2"	50	
051144-77825-6	40			
051144-76680-2	60			
051144-76686-4	80	4" x 132"		
051115-27389-6	P120			
051144-76533-1	36			
051111-69455-8	50	4" x 132"		25
051144-76520-1	60			
051144-76514-0	80			
051144-80028-5	P120	3-1/2" x 15-1/2"		50
051144-85762-3	P180			
051144-77336-7	36			
051144-77334-3	50	4" x 132"		
051144-77476-0	60			
051144-77333-6	80			
051144-84306-0	100	4" x 132"	25/50	
051144-84307-7	P120			
051144-85320-5	P180			
051144-76534-8	36	4" x 132"	25	
051111-67851-0	50			
051144-80707-9	60			
051144-76515-7	80	4" x 132"	25/50	
051141-30700-8	P120		25	

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

See pages 72–77 for available accessories.

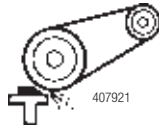
3M™ Belts (cont.)

777F (cont.)

UPC	Grade	W x L	Min./Case
Backstand, Benchtop, Portable Tool			
051144-82313-0	36	6" x 48"	10/20
051144-80176-3	50		
051144-76679-6	60		
051144-76733-5	80		
051144-82153-2	P120	37" x 60"	2
051125-33828-8	36		
051115-27354-4	60		
051144-77351-0	80		
051144-80450-4	P120		5
051111-69127-4	P180		
051119-75481-0	36		
051111-69122-9	60		
051144-82930-9	80	37" x 75"	2
051144-84947-5	P120		
051111-69128-1	P180		5

963G

- 3M™ Ceramic abrasive grain on a YN wt. cloth backing
- Water-resistant polyester cloth backing for heavy grinding
- Can be run wet or dry



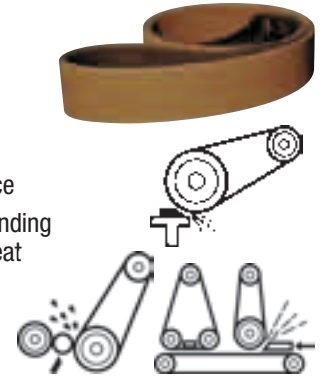
312049

UPC	Grade	W x L	Qty./Case
Backstand, Benchtop			
051144-74228-8†	24	2" x 132"	50
051111-68163-3	60		50
051144-74229-5†	24	3" x 132"	25
051144-74207-3	36 L-flex		
051144-74324-7	60		
051144-13715-2	80 L-flex		
051111-68109-1†	24	4" x 132"	25
051144-74209-7	36		
051144-74330-8	40		
051144-74325-4	60		
051144-84491-3†	36	6" x 132"	10
051111-68168-8†	60		20

† Made-to-Order

966F

- 3M™ Ceramic abrasive grain on a YF wt. cloth backing
- Water-resistant polyester cloth backing
- Resin bonded for heat resistance
- Designed for wet centerless grinding applications on carbon steel, heat sensitive high nickel alloys, titanium and stainless steel
- Ideal for stripping chrome from old parts



UPC	Grade	W x L	Qty./Case
051119-09003-1†	36	3" x 132"	25
051119-78104-5	36	4" x 132"	
051119-10654-1†	80		
051119-78105-2†	80 sine	4" x 132"	10
051115-27128-1	60	9" x 120"	
051111-68321-7†	36		
051115-27315-5	50		
051125-14381-3	60		
051111-68326-2†	80	12 x 144"	5
051115-27404-6†	80 L-flex		
051125-12989-3†	40	Belt sizes made to order. Specify UPC, grade and belt size (W" x L")	Determined by belt size.
051115-27990-4	50		
051119-83152-8†	60		
051135-13609-6	24		
051135-13660-7	36		
051135-13684-3	40		
051135-13683-6	50		
051135-13682-9	60		
051135-13681-2	80		

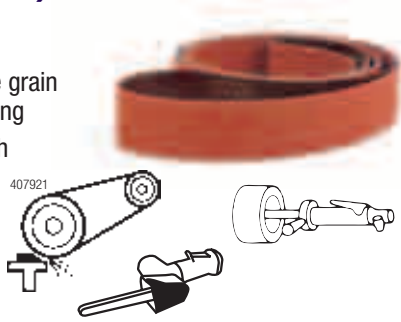
† Made-to-Order

See pages 72–77 for available accessories.

3M™ Belts (cont.)

977F

- 3M™ Ceramic abrasive grain on a YF wt. cloth backing
- Recommended for both wet or dry grinding of stainless steel and high nickel alloys
- Works well in all grinding pressures



159098

UPC	Grade	W x L	Qty./Case	
051111-68989-9†	60	1" x 11"	500	
051111-68602-7†	80			
051111-68527-3†	40	1" x 42"	200	
051115-27684-2†	120			
051111-68530-3†	40	1" x 132"	100	
051111-68548-8†	50		200	
051111-68583-9†	60			
051115-27336-0†	80			
051111-68532-7†	40	2" x 48"	50	
051119-09500-5†	60			
051144-85389-2	36	2" x 72"	50	
051111-69519-7†	40			
051111-68552-5†	50			
051144-85383-0	60			
051144-84008-3	80			
051111-69514-2	120			
051111-68534-1†	40 L-flex			
051111-68535-8†	40			
051144-83522-5	36	2" x 132"	50	
051111-68537-2†	40			
051144-85015-0	50			
051144-85384-7	60			
051144-85769-2	80			
051111-68631-7†	100			
051111-68640-9†	120			
051111-68485-6†	24			
051111-68506-8†	36 L-flex	3" x 132"	25	
051111-68507-5†	36			
051144-82798-5	40			
051111-68557-0†	50 L-flex			
051111-69165-6†	50			
051111-69166-3†	60			
051119-08175-6†	60 full flex			
051144-85378-6	80			
051119-77855-7†	100			
051111-68645-4†	120			50

977F (cont.)

UPC	Grade	W x L	Qty./Case
051111-69522-7†	60	3-1/2" x 15-1/2"	50
051125-18646-9†	80		
051125-23841-0†	100		
051111-68593-8†	60	4" x 90"	50
051125-10597-2†	80		
051125-11234-5†	120		
051144-85390-8†	36 L-flex	4" x 132"	25
051111-68511-2†	36		
051119-65751-7†	40		
051125-15945-6†	40 full flex		
051111-69351-3†	50		
051111-69352-0†	50 L-flex		
051115-27540-1†	60		
051111-68594-5†	60 L-flex		
051111-68619-5†	80	6" x 132"	20
051144-85387-8†	40 L-flex		
051125-17018-5†	40 full flex		
051111-68518-1†	36 sine		
051115-19611-9†	36 film	8" x 132"	10
051111-68596-9†	60		
051115-27541-8†	80	8" x 132"	20
051111-68524-2†	36		
051111-68597-6†	60		

† Made-to-Order

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

See pages 72–77 for available accessories.

3M™ Belts (cont.)

3M™ Cubitron™ II Metalworking Belt 984F

- 3M precision-shaped grain
- Average up to 30% faster cutting on hard-to-grind metals than the next-best competitive belt
- Lasts up to 4 times as long as conventional ceramic aluminum oxide belts
- Cuts cooler — diverts heat from the work piece and belt to the swarf
- Helps eliminate burnishing and heat stress



UPC	Grade	W x L	Min./Case	
051141-55032-9	60+	1/4" x 24"	50/200	
051141-55053-4	80+	1/2" x 12"		
051141-27511-6	36+	1/2" x 18"		
051141-55041-1	60+			
051141-55048-0	80+	1/2" x 24"		
051141-27512-3	36+			
051141-55031-2	60+			
051141-55054-1	80+	1/2" x 42"		200
051141-55040-4†	60+			
051141-55064-0	36+	3/4" x 18"		50/200
051141-55030-5	60+			
051141-55047-3	80+			
051141-55065-7	36+	3/4" x 20-1/2"	50/200	
051141-55055-8	80+			
051141-55046-6	60+	1" x 11"	50/500	
051141-55050-3†	80+			
051141-55060-2†	80+	1" x 42"	25/200	
051141-27514-7	36+	1" x 132"	100	
051141-55039-8	60+		25/200	
051141-55052-7	80+			
051141-55066-4†	36+	1-1/2" x 132"	25/50	

† Made-to-Order

3M™ Cubitron™ II Metalworking Belt 984F (cont.)

UPC	Grade	W x L	Min./Case
051141-55068-8	36+	2" x 60"	10/50
051141-55036-7†	60+		25/50
051141-27516-1	36+	2" x 72"	50
051141-55034-3	60+		25/50
051141-55057-2	80+		
051141-55067-1	36+	2" x 118"	10/50
051141-27460-7	36+	2" x 132"	50
051141-55044-2	60+		25/50
051141-55056-5	80+	2-1/2" x 60"	
051141-55069-5	36+		25/50
051141-27853-7†	60+		
051141-55058-9†	80+	3" x 132"	25
051141-27461-4	36+		
051141-55043-5	60+	3-1/2" x 15-1/2"	50
051141-55051-0	80+		
051141-55042-8	60+		
051141-55049-7	80+	4" x 132"	25
051141-27462-1	36+		
051141-55070-1	36+	5" x 132"	10/20
051141-55071-8	36+	6" x 48"	
051141-55037-4	60+		
051141-55059-6†	80+		6" x 60"
051141-55035-0	60+		
051141-27515-4	36+	6" x 132"	5/10
051141-55072-5	36+	8" x 107"	10
051141-27513-0	36+	8" x 132"	2
051141-55063-3†	80+	37" x 60"	
051141-55062-6†	80+	37" x 75"	

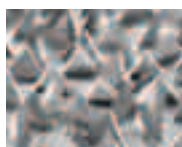
† Made-to-Order

See pages 72–77 for available accessories.

3M Precision Shaped Grain



Conventional Grain



Precision-Shaped Grain

Triangular-shaped grain (right) is electrostatically oriented to form sharp peaks, each acting like individual cutting tools that wear evenly for super long life and consistency.

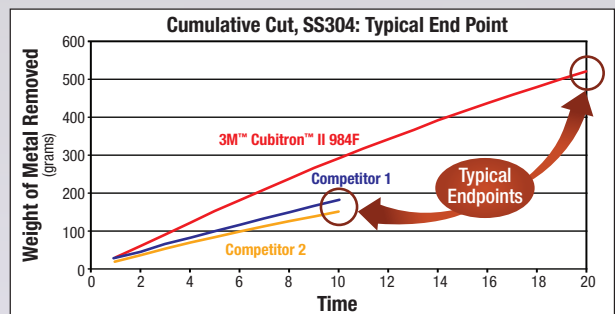


Conventional Ceramic



3M™ Cubitron™ II

3M precision shaped grain sharpens as it wears compared to conventional ceramic abrasive grain so 3M™ Cubitron™ II abrasive belts last longer!



3M™ Trizact™ Abrasive Belts

The unique microreplicated construction used in 3M™ Trizact™ Abrasives can deliver consistent, predictable finishes, higher, more even rates of cut, cooler grinding and finishing temperatures, and reduced processing steps. 3M invented microreplication technology, which is the science of creating small, precisely shaped three-dimensional structures and then reproducing them on a variety of surfaces.

Trizact Abrasive Grading System

The unique construction of Trizact abrasives requires a different grading system. Grade is defined by the average particle size in microns and begins with an “A”.

Trizact Abrasive Grade	FEPA (P-Grade)
A5	P3000
A6	—
A10	P1500
A16	P1200
A20	P1000
A30	P600
A35	—
A45	P400
—	P320
A60	—
A65	—
A75	P240
A80	—
A90	P220
A100	P180
A110	P180
A130	P150
A160	P120

The Difference is in the Construction

Trizact abrasives allow you to say “goodbye” to erratic, inconsistent finishes generated by conventional coated abrasives. Here’s why:



Three-dimensional structures uniformly distributed over the entire surface of 3M™ Trizact™ Abrasives (left) ensure consistent performance and eliminate belt-to-belt variation. Conventional abrasives (right), which feature randomly arranged minerals, wear and finish unevenly.



Conventional abrasives start out sharp, but they dull quickly.



3M™ Trizact™ Abrasives have three-dimensional structures containing multiple layers of abrasive mineral. As these pyramid-like structures wear, fresh, sharp mineral is exposed.

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

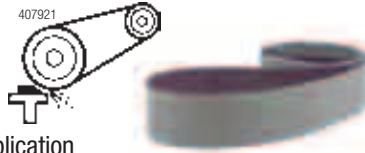
3M™ Trizact™ Belts

3M™ Trizact™ 217EA

- Ideal for aluminum, copper, brass and zinc alloys to final finishing

- Good for low pressure application

- Flexible belt for intermediate finish and dimensioning

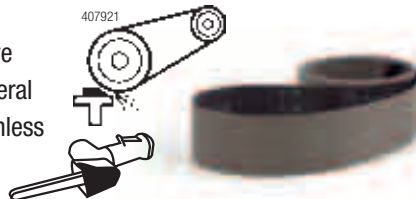


UPC	Grade	W x L	Min./Case
051125-23664-5†	A45	4" x 84"	50
051125-15686-8†	A45	4" x 106"	
051125-20639-6†	A6	4" x 118"	
051125-14350-9†	A16		
051111-66834-4†	A30		
051125-13733-1†	A45		
051125-16987-5†	A16	4" x 120"	
051111-66830-6†	A6	4" x 132"	
051111-69360-5†	A16		
051111-66835-1†	A30		
051111-66841-2†	A45		
051111-69669-9†	A65		
051119-05828-4†	A80		
051125-12699-1†	A30	4" x 168"	
051125-12479-9†	A80		

† Made-to-Order

3M™ Trizact™ 237AA

- Semi-flexible abrasive
- Aluminum oxide mineral
- Great choice for stainless steel finishes



UPC	Grade	W x L	Qty./Case
051119-82624-1†	A6	1" x 11"	500
051125-32361-1†	A16		
051115-27208-0†	A45		
051111-66892-4†	A65		
051111-69366-7†	A100	1" x 12"	200
051125-22681-3†	A100		
051111-69377-3†	A30	1" x 30"	20
051125-15699-8†	A16	1" x 42"	
051125-08603-5†	A100		
051111-69676-7†	A160	1" x 60"	200
051119-09095-6†	A6		
051119-09093-2†	A16		
051119-10286-4†	A45		
051115-27051-2†	A65		

† Made-to-Order

3M™ Trizact™ 237AA (cont.)

UPC	Grade	W x L	Qty./Case
051119-10263-5†	A6	1" x 64"	200
051125-55143-4†	A16	1" x 65"	
051111-66945-7†	A100	1" x 130"	20
051115-27112-0†	A45	1" x 132"	200
051115-27111-3†	A100		
051115-27804-4†	A100	2" x 34"	50
051111-69673-6†	A16	2" x 48"	25/50
051115-27731-3†	A30		
051119-09379-7†	A45		
051125-20671-6†	A80		
051111-69043-7†	A100	2" x 60"	50
051119-84184-8†	A160		
051115-27408-4†	A65		
051119-59769-1†	A80		
051125-54544-0†	A100		
051115-27487-9†	A16		
051115-27653-8†	A30	2" x 72"	25/50
051115-27787-0†	A65		
051115-27904-1†	A80		
051111-69671-2†	A100		
051115-27849-5†	A160	2" x 107"	50
051111-69369-8†	A16		25/50
051111-69680-4†	A45	2" x 118"	50
051111-66938-9†	A80		25/50
051111-69383-4†	A6	2" x 118"	50
051111-66860-3†	A16		
051125-22263-1†	A30	2" x 132"	25/50
051111-66856-6†	A6		
051111-69370-4†	A16		
051115-27658-3†	A30		
051111-69028-4	A45	2" x 148"	50
051111-69036-9†	A65		
051111-69044-4	A100	2" x 157"	50
051119-77007-0†	A16		
051125-20169-8†	A100	2" x 157"	50
051125-22175-7†	A65		
051111-69294-3†	A6	3" x 24"	200
051111-69290-5†	A16		
051111-69291-2†	A30	3" x 60"	25/50
051125-14935-8†	A80		
051119-83067-5†	A16	3" x 72"	25/50
051111-69045-1†	A100		
051119-82467-4†	A80	3" x 72"	25/50
051111-69295-0†	A160		

† Made-to-Order

3M™ Trizact™ Belts (cont.)

3M™ Trizact™ 237AA (cont.)

UPC	Grade	W x L	Qty./Case
051111-69015-4†	A16	3" x 90"	50
051111-69021-5†	A30		
051111-69029-1†	A45		
051111-69047-5†	A100		
051111-66863-4†	A16	3" x 118"	50
051111-69022-2†	A30		
051125-19954-4†	A6	3" x 132"	50
051111-51199-2	A16		
051111-51207-4	A30		
051111-51209-8	A45		
051111-69037-6†	A65		
051111-69051-2†	A160		
051111-66864-1†	A16	3" x 148"	50
051111-69292-9†	A30		
051111-69293-6†	A45		
051115-26995-0†	A45	3" x 157"	25
051115-27921-8†	A65		
051125-19529-4†	A80		
051115-27798-6†	A16	3" x 168"	50
051111-66876-4†	A30		
051115-28033-7†	A45		
051111-69371-1†	A16	3" x 300"	25
051111-69381-0†	A45		
051111-69385-8†	A65		
051115-27777-1†	A80	3" x 346"	50
051115-27145-8†	A65		
051111-66949-5†	A100	4" x 36"	50
051125-11794-4†	A100		
051119-68279-3†	A100	4" x 48"	50
051115-27859-4†	A16		
051125-10967-3†	A65	4" x 84"	50
051119-67382-1†	A100		
051115-27749-8†	A6	4" x 90"	25/50
051111-69016-1†	A16		
051111-51204-3	A30		
051111-69030-7†	A45		
051119-73517-8†	A65		
051115-27592-0†	A80		
051111-69672-9†	A100		
051115-27593-7†	A160		

† Made-to-Order

3M™ Trizact™ 237AA (cont.)

UPC	Grade	W x L	Qty./Case
051115-27153-3†	A30	4" x 106"	50
051115-26818-2†	A100		
051111-66867-2†	A16	4" x 118"	50
051111-66878-8†	A30		
051111-66888-7†	A45		
051111-66897-9†	A65		
051125-17651-4†	A100		
051115-26883-0†	A30	4" x 124"	25/50
051111-69251-6†	A6	4" x 132"	
051111-69017-8	A16		
051111-51214-2	A30		
051111-69031-4†	A45		
051111-69387-2†	A65		
051111-66941-9†	A80		
051111-69048-2†	A100		
051111-69375-9†	A160		
051111-66950-1†	A100	4" x 146"	50
051125-11757-9†	A45	4" x 158"	
051115-27521-0†	A16	4" x 168"	50
051119-10264-2†	A30		
051119-08908-0†	A65		
051111-69681-1†	A45	4" x 274"	25
051115-27303-2†	A160	4" x 352"	
051115-27467-1†	A65	4" x 354"	50
051111-68739-0†	A100		
051111-68738-3†	A160		

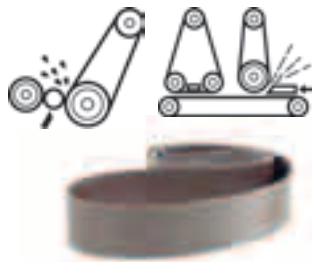
† Made-to-Order

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

3M™ Trizact™ Belts (cont.)

3M™ Trizact™ 253FA

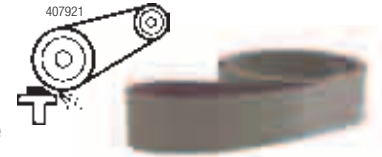
- Ideal for wet flat-finishing and wet intermediate finishing of centerless applications
- Great on stainless steel, carbon steel and carbon fibre composites



UPC	Grade	W x L	Min./Case
051135-13635-5	A6	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051135-13636-2	A16		
051135-13637-9	A30		
051135-13638-6	A45		
051135-13639-3	A65		
051135-13640-9	A80		
051135-13641-6	A100		

3M™ Trizact™ 307EA

- Flexible cloth backing
- Aluminum oxide mineral
- Perfect choice for preplate surface finishes



UPC	Grade	W x L	Min./Case	
051111-67100-9†	A80	1" x 42"	200	
051111-69408-4†	A100		50/200	
051111-67101-6†	A80	1" x 60"	200	
051115-27801-3†	A16	1" x 72"		
051115-27448-0†	A45			
051125-14659-3†	A65			
051119-63318-4†	A6	1" x 76"		25/200
051125-50495-9†	A30	1" x 77"		
051111-67055-2†	A6			
051111-67068-2†	A30			
051115-19520-4†	A45	1" x 132"	200	
051115-26828-1†	A6			
051115-27410-7†	A16			
051115-27346-9†	A45			
051115-27491-6†	A80	2" x 72"	50	
051125-20660-0†	A30			2" x 17"
051115-27830-3†	A16			2" x 36"
051125-40962-9†	A65			2" x 48"
051119-58606-0†	A30			2" x 60"
051119-75663-0†	A45			
051125-46217-4†	A65			2" x 76"
051125-11024-2	A6			
051111-69061-1	A16			
051111-69067-3	A30			
051111-69072-7†	A45	2" x 83"	200	
051111-69074-1†	A65			
051111-69079-6	A100	2" x 90"	50	
051125-34816-4	A30			2" x 76"
051111-61067-1†	A6			2" x 96"
051111-61066-4	A16			
051115-27125-0†		A16		2" x 118"
051125-47160-2†	A65			
051111-68818-2†	A6			
051119-09343-8†	A16			
051125-20950-2†	A30	2" x 118"		
051125-20345-6†	A45			

† Made-to-Order



3M™ Trizact™ Belts (cont.)

3M™ Trizact™ 307EA (cont.)

UPC	Grade	W x L	Min./Case	
051111-51206-7	A6	2" x 132"	25/50	
051111-51202-9	A16			
051111-69068-0	A30			
051111-51210-4	A45			
051111-69075-8	A65			
051111-69077-2	A80			
051111-69080-2	A100			
051111-69409-1†	A16		2" x 138"	50
051111-67059-0†	A6			
051115-19517-4†	A16	2" x 148"	25/50	
051111-69069-7†	A30			
051125-20168-1†	A45			
051111-67091-0†	A65			
051111-67064-4†	A16		3" x 60"	50
051115-27893-8†				
051125-38992-1†	A30	3" x 72"	25/50	
051125-30837-3†	A100			
051111-69410-7†	A16	3" x 90"	50	
051125-49713-8†	A65			
051111-67077-4†	A30	3" x 96"	50	
051111-69256-1†	A65			
051111-68819-9†	A6	3" x 118"	50	
051111-69063-5†	A16			
051111-51203-6	A30			
051111-67084-2†	A45			
051111-67106-1†	A80			
051111-67111-5†	A100			
051115-27418-3†	A16	3" x 120"	50	
051125-20567-2†	A30			
051125-30879-3†	A45			
051111-69059-8†	A6			
051125-13220-6†	A16 full flex	3" x 132"	25/50	
051111-51200-5	A16			
051111-51201-2	A30			
051125-16874-8†	A30 full flex			
051111-69073-4	A45			
051111-69076-5†	A65			
051111-69078-9	A80	3" x 148"	50	
051111-69082-6†	A100			
051111-67065-1†	A16	3" x 168"	25/50	
051115-27594-4†	A6			
051115-19518-1†	A16			
051111-67087-3†	A45		50	

† Made-to-Order

3M™ Trizact™ 307EA (cont.)

UPC	Grade	W x L	Min./Case
051115-27604-0†	A30	4" x 36"	50
051111-69060-4†	A6	4" x 90"	
051111-69064-2†	A16		
051115-19522-8†	A65	4" x 118"	25/50
051125-22401-7†	A6		
051111-69065-9	A16		
051111-69070-3†	A30		
051111-67107-8†	A80		
051111-67112-2†	A100		
051115-27766-5†	A6	4" x 132"	50
051111-69066-6†	A16		
051111-69071-0	A30		
051111-51212-8	A45		
051115-26922-6†	A80		
051119-73781-3†	A100		
051111-68821-2†	A30	4" x 168"	25
051115-26997-4†	A16	4" x 240"	
051111-67113-9†	A100		

† Made-to-Order

3M™ Trizact™ 327DC

- Use for mill line removal, intermediate scratch refinement, consistent dimensioning and consistent finishing applications
- Macroreplicated aluminum oxide on a flexible backing
- Grinding aid
- For dry use only



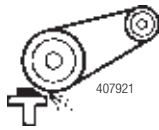
UPC	Grade	W x L	Min./Case
051135-94693-0	A30	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051135-94692-3	A45		
051135-94691-6	A65		
051135-94690-9	A100		
051135-29683-7	A160		
051135-94689-3	A300		

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

3M™ Trizact™ Belts (cont.)

3M™ Trizact™ CF 337DC

- Macroreplicated structure provides long product life and consistent cut and finish



311760

UPC	Grade	W x L	Qty./Case
Backstand			
051141-20646-2†	A300	1" x 132"	100
048011-33156-0	A45	2" x 60"	5
048011-33155-3	A65		
048011-33154-6†	A100		
048011-33153-9†	A160		
048011-33152-2†	A300		
048011-33161-4†	A45	2" x 72"	
048011-33160-7†	A65		
048011-33159-1†	A100		
048011-33158-4†	A160		
048011-33157-7†	A300		
048011-33166-9†	A45	2" x 132"	
048011-33165-2†	A65		
048011-33164-5†	A100		
048011-33163-8†	A160		
048011-33162-1†	A300		
048011-33171-3†	A45	3" x 132"	
048011-33170-6†	A65		
048011-33169-0†	A100		
048011-33168-3†	A160		
048011-33167-6†	A300		

† Made-to-Order

3M™ Trizact™ 347FC

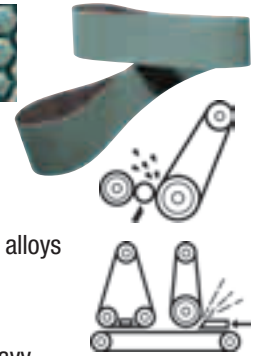
- 3M™ Ceramic abrasive grain on a macroreplicated, flexible X wt. backing
- For high-pressure applications on hard metals, nickel alloys, titanium and stainless steel



UPC	Grade	W x L	Min./Case
051125-64275-0	A30	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051125-64274-3	A45		
051125-64273-6	A65		
051125-64272-9	A100		
051125-64271-2	A160		
051125-64270-5	A300		

3M™ Trizact™ Cloth Belts 363FC

- Centerless/cylindrical/flat part grinding and finishing
- Macroreplicated aluminum oxide on a durable YF wt. cloth backing
- Use wet on zirconium, titanium, carbon steel, stainless steel and other alloys
- Long belt life improves productivity
- Reduce or eliminate belt break-in
- Consistent cut rate and finish from heavy deburring and defect removal to intermediate finishing



UPC	Grade	Common Sizes W x L	Min./Case
051135-98214-3	A30	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051135-98213-6	A45		
051135-98212-9	A65		
051135-98211-2	A100		
051135-98210-5	A160		
051135-98209-9	A300		

3M™ Trizact™ 407EA

- Use for mill line removal, intermediate scratch refinement, consistent dimensioning and consistent finishing applications
- Silicon carbide constructed on a flexible rayon cloth backing
- Grinding aid for cooler grinding
- Resin bonded for heat resistance

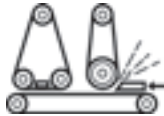


UPC	Grade	W x L	Min./Case
051135-91841-8	A20	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051144-99004-7	A60		
051144-99005-4	A90		
051135-90527-2	A110		

3M™ Trizact™ Belts (cont.)

3M™ Trizact™ Cloth Belts 463FC

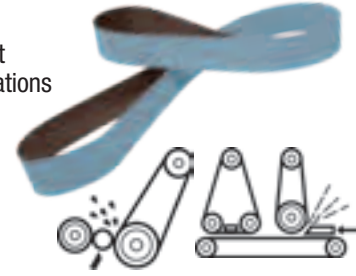
- Wet centerless/flat part/ finishing/polishing
- Macroreplicated silicon carbide on a durable YF wt. cloth backing
- Use wet on zirconium, titanium, carbon steel, stainless steel and other alloys
- Long belt life improves productivity
- Reduce or eliminate belt break-in
- Consistent finer grade ranges for fine finishes on all metals.



UPC	Grade	W x L	Min./Case
051135-98191-7	A6	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051135-97955-6	A10		
051135-97954-9	A20		
051135-98047-7	A30		
051135-97953-2	A45		

3M™ Trizact™ Belts 953FA

- Use in wet centerless or flat grinding and finishing operations
- Process flexible belt that delivers consistent, predictable results
- Macroreplicated ceramic abrasive grain coated on waterproof cloth backing



UPC	Grade	W x L	Qty./Case
051135-29383-6	A6	Belt sizes made to order. Specify UPC, grade and belt size (W" x L"). Belts wider than 25" require multiple splices.	Determined by belt size.
051135-29507-6	A10		
051135-29382-9	A16		
051135-29381-2	A30		
051135-29380-5	A45		
051135-29379-9	A65		
051135-29378-2	A80		
051135-29377-5	A100		
051135-29375-1	A160		
051135-29373-7	A300		

ATTENTION: Belts are available in other grades and sizes. If you need a specific belt not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

Utility Cloth Sheets and Rolls

A good choice for all your utility sanding and general maintenance work. Can be torn and rolled without shelling.

3M™ Utility Cloth Sheet and Roll Selection Guide

	Product ID	Mineral	Backing	Features	Blending	Finishing	Cleaning
Good	011K	Aluminum Oxide	Flexible Utility Cloth	Closed Coat; General purpose use	●	●	●
Better	211K	Aluminum Oxide	Flexible Utility Cloth	Use for all general maintenance work		●	
Best	314D	Premium Aluminum Oxide	Durable Cloth	Strong bonding system for shelling resistance	●	●	●

3M™ Utility Cloth Sheets 011K

- Aluminum Oxide mineral
- General purpose use



UPC	Grade	W x L	Min./Case
Sheets			
051144-02433-9	CRS	9" x 11"	50/250
051144-02432-2	MED		
051144-02431-5	FINE		

3M™ Utility Cloth Sheets and Rolls 211K

- Aluminum oxide on a J wt. cloth backing
- Use these flexible utility rolls and sheets for general applications such as deburring, rust removal, strapping and all general maintenance work



UPC	Grade	W x L	Min./Case
Sheets			
051144-02410-0	80	9" x 11"	50/250
051144-02409-4	100		
051144-02408-7	120		
051144-02407-0	150		
051144-02406-3	180		
051144-02405-6	220		
051144-02404-9	240		
051144-02402-5	320		
051144-12501-2	400		
051144-12500-5	500		

3M™ Utility Cloth Sheets and Rolls 211K (cont.)

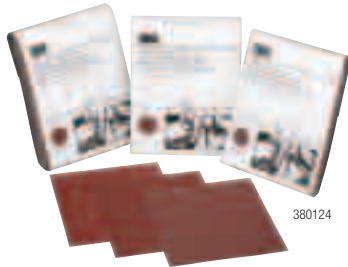
UPC	Grade	W x L	Min./Case
Utility Rolls			
051144-05010-9	80	1" x 50 yds.	
051144-05009-3	100		
051144-05008-6	120		
051144-05007-9	150		
051144-05006-2	180		
051144-05005-5	220		
051144-05004-8	240		
051144-05003-1	280		
051144-05002-4	320		
051144-05001-7	400		
051144-05000-0	500	1-1/2" x 50 yds.	1/5
051144-05030-7	80		
051144-05029-1	100		
051144-05028-4	120		
051144-05027-7	150		
051144-05026-0	180		
051144-05025-3	220		
051144-05024-6	240		
051144-05022-2	320		
051144-05021-5	400		
051144-05020-8	500	2" x 50 yds.	
051144-05050-5	80		
051144-05049-9	100		
051144-05048-2	120		
051144-05047-5	150		
051144-05046-8	180		
051144-05045-1	220		
051144-05044-4	240		
051144-05042-0	320		
051144-05041-3	400		
051144-05040-6	500		

See pages 72–77 for available accessories.

Utility Cloth Sheets and Rolls (cont.)

3M™ Utility Cloth Sheets and Rolls 314D

- Aluminum oxide on X and J wt. cloth backings
- Ideal for all utility jobs
- Can be torn into strips and rolled without shelling



UPC	Grade	Backing	W x L	Min./Case
Sheets				
051115-19775-8	P40	X wt.	9" x 11"	50/250
051115-19774-1	P50			
051115-19773-4	P60			
051115-19772-7	P80	J wt.		
051115-19771-0	P100			
051115-19770-3	P120			
051115-19769-7	P150			
051115-19768-0	P180			
051115-19767-3	P220			
051115-19766-6	P240			
051115-19765-9	P280			
051115-19764-2	P320			
051115-19763-5	P400			
Utility Rolls				
051115-19794-9	P50	X wt.	1" x 50 yds.	1/5
051115-19793-2	P60	J wt.		
051115-19792-5	P80			
051115-19791-8	P100			
051115-19790-1	P120			
051115-19789-5	P150			
051115-19788-8	P180			
051115-19787-1	P220			
051115-19786-4	P240			
051115-19785-7	P280	X wt.		
051115-19784-0	P320			
051115-19783-3	P400			

3M™ Utility Cloth Sheets and Rolls 314D (cont.)

UPC	Grade	Backing	W x L	Min./Case
Utility Rolls				
051115-19813-7	P50	X wt.	1-1/2" x 50 yds.	1/5
051115-19812-0	P60			
051115-19811-3	P80	J wt.		
051115-19810-6	P100			
051115-19809-0	P120			
051115-19808-3	P150			
051115-19807-6	P180			
051115-19806-9	P220			
051115-19805-2	P240			
051115-19804-5	P280			
051115-19803-8	P320			
051115-19802-1	P400	J wt.	2" x 50 yds.	
051115-19826-7	P40			
051115-19825-0	P50			
051115-19824-3	P60			
051115-19823-6	P80			
051115-19822-9	P100			
051115-19821-2	P120			
051115-19820-5	P150			
051115-19819-9	P180			
051115-19818-2	P220			
051115-19817-5	P240			
051115-19816-8	P280			
051115-19815-1	P320			
051115-19814-4	P400			

See pages 72–77 for available accessories.

3M™ Wetordry™ Sheets

Still a favorite for their reduced clogging, long life and great finish. Good general use sheet for hand or machine sanding. Can be run wet or dry.

3M™ Wetordry™ Sheet Selection Guide

Product ID	Mineral	Backing	Blending	Finishing
431Q	Silicon Carbide	C wt. Paper	●	
413Q		A wt. Paper		●

3M™ Wetordry™ Sheets 413Q

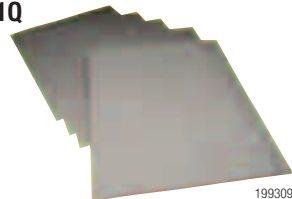
- Silicon carbide on an A wt. paper backing
- Reduced clogging eliminates dust when used wet
- Excellent conformability



UPC	Grade	W x L	Min./Case
051144-02007-2	220	9" x 11"	50/500
051144-02006-5	240		50/250
051144-02005-8	280		50/500
051144-02004-1	320		50/250
051144-02003-4	360		50/500
051144-02002-7	400		50/500

3M™ Wetordry™ Paper Sheets 431Q

- Silicon carbide on a C wt. paper backing
- Reduced clogging eliminates dust when used wet
- Heavyweight paper backing for increased durability



UPC	Grade	W x L	Min./Case
051144-02018-8	80	9" x 11"	50/250
051144-02017-1	100		
051144-02016-4	120		
051144-02015-7	150		
051144-02014-0	180		

3M™ Paper Sheets

Conformable and versatile, 3M™ Paper Sheets are ideal for hand or machine sanding. Various constructions available for use on wood, metal, paint, plastic and fiberglass.

3M™ Paper Sheet Selection Guide

	Product ID	Mineral	Backing	Blending	Finishing
Good	210N	Aluminum Oxide	A wt. Paper		●
Better	336U	Aluminum Oxide	C wt. Paper	●	
Best	346U	Aluminum Oxide	D wt. Paper	●	

3M™ Paper Sheets 210N

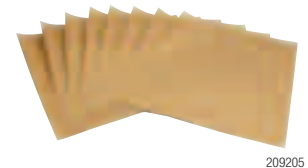
- Aluminum oxide on an A wt. paper backing
- Open Coat
- Provides exceptional conformability for contour sanding



UPC	Grade	W x L	Min./Case
051144-02104-8	180	9" x 11"	100/1000
051144-02103-1	220		

3M™ Paper Sheets 336U

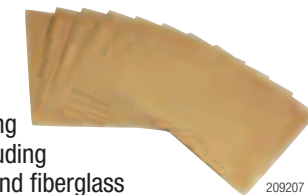
- Aluminum oxide on a C wt. paper backing
- Medium-weight sheets for general-purpose sanding
- Open coat resists loading on soft materials



UPC	Grade	W x L	Min./Case
051144-02114-7	100	9" x 11"	100/1000
051144-02113-0	120		
051144-02112-3	150		

3M™ Paper Sheets 346U

- Aluminum oxide on a D wt. paper backing
- Ideal for hand or machine sanding of many different materials, including woods, metals, paints, plastics and fiberglass



UPC (051144-)	Grade	W x L	Min./Case
051144-02119-2	36	9" x 11"	50/250
051144-02118-5	40		
051144-02117-8	50		50/500
051144-02116-1	60		
051144-02115-4	80		

See pages 72–77 for available accessories.

3M™ Flap Wheels

Coated Abrasive flap wheels are the ideal choice for light grinding, blending, graining and scale removal on a variety of metals. The abrasive flaps offer a long lasting supply of fresh abrasives and a load resistant design. Available in both flange mounted and spindle mounted constructions with general purpose aluminum oxide or high performing 3M™ Ceramic Aluminum Oxide blend abrasive grain.

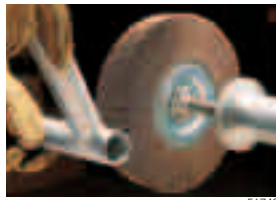
3M™ Flange Mounted Flap Wheel Selection Guide

	Material	Product ID	Mineral	Grade
Better	Carbon Steel	241E	Aluminum Oxide	50–320
		244E	Aluminum Oxide	60–120
Best	Stainless Steel	741A	Ceramic Aluminum Oxide Blend	50–120

3M™ Flange Mounted Flap Wheels

3M™ Flap Wheels 241E/244E

- Aluminum oxide on a flexible XE wt. cloth backing
- Long life and fast cut
- General purpose flap wheels at a value price



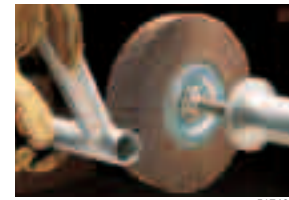
51742

UPC	Grade	Max. RPM	Dia. x W x AH	Qty./Case
051144-35113-8	60	6,100	6" x 1" x 1"	5
051144-35112-1	80			
051144-35111-4	100			
051144-35109-1	120			
051144-35088-9	60	5,200	6" x 2" x 1"	
051144-35086-5	80			

Additional sizes are available.

3M™ Flap Wheels 741A

- 3M™ Ceramic Aluminum Oxide blend abrasive grain on a durable X wt. cloth backing
- Longer life and faster cut



51742

UPC	Grade	Max. RPM	Dia. x W x AH	Qty./Case
051144-82770-1	50	6,100	6" x 1" x 1"	5
051144-81986-7	60			
051144-81984-3	80			

Additional sizes are available.

3M™ Flap Wheels 241E/244E and 741A can be made-to-order in the following sizes:

Diameter	Arbor Hole
> 3" – 4-1/2"	5/8"
> 4-1/2" – 6"	1"
> 6" – 8"	1" or 1-1/4"
> 8" – 10"	1-3/4" or 2"

See pages 72–77 for available accessories.