

3M™ abrasive technologies.

The science of speed.

CUBITR NII

The precision-shaped grain found in 3M™ Cubitron™ II Abrasives combines the advanced material properties of our original Cubitron grain with the precise microreplicated structures pioneered in 3M™ Trizact™ Abrasives. As the triangular shaped grain wears, it continuously fractures to form sharp points and edges.

Conventional ceramic abrasive grain is irregular and blocky in shape. Instead of a clean, machining action, the grain tends to "plow" through the metal, causing heat to build up in the workpiece and the abrasive — resulting in a slower cut, shorter belt life and undesirable effects, such as burnishing.



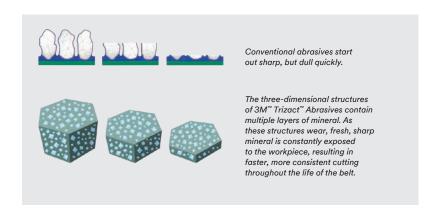


Conventional

The science of consistent finishes.

TrizactTM

Derived from patented 3M microreplication technology, 3M™ Trizact™ Abrasives consist of precisely-shaped three-dimensional structures distributed uniformly over the substrate. Unlike conventional abrasives, which are constructed from randomly-spaced and irregular-shaped minerals, the uniform configuration of Trizact abrasives helps deliver consistent performance.



Meet the belts.

3M™ Cubitron™ II Abrasive Belts



3M[™] Cubitron[™] II 984F Abrasive Belt

AKA: **MVP**

- Excellent in medium/high pressure stainless steel, carbon steel and cobalt chrome
- Long belt life, producing more parts per belt with fewer belt changes
- Durable polyester cloth backing
- Available in grades 36+, 50+, 60+, 80+ and 120+.



3M[™] Cubitron[™] II 784F Abrasive Belt

AKA:

Mr. Versatility

- Excellent in medium pressure applications on a variety of different metals
- Strong value for medium pressure grinding and dimensioning
- Polyester waterproof backing
- Available in grades 36+ to 180+



3M[™] Cubitron[™] II 947A Abrasive Belt

AKA: Mr. Universal

- Optimized for medium/low pressure applications on stainless, mild steel and aluminum
- X-weight poly-cotton backing provides flexibility and durability
- Use in dry applications
- Available in grades 40+ to 120+



3M[™] Cubitron[™] II 723D Abrasive Belt

AKA: **Mr. Flexible**

- Strong value without sacrificing performance
- Very flexible and conformable J-weight backing
- Available in grades 100+ to 220+



3M[™] Cubitron[™] II 967F Abrasive Belt

AKA: **Terminator**

- Go-to product for titanium and high nickel alloys
- Grinding aid enables rough grinding on heat-sensitive alloys
- Heavy duty YF-weight cloth backing stands up to high pressure applications
- Available in grades 24+ to 80+



3M[™] Cubitron[™] II 966F Abrasive Belt

AKA: The Crusher

- Constructed of durable waterproof polyester cloth backing
- Designed for heavy wet grinding of titanium, plate and slab, and other heat sensitive alloys
- •Available in grades 20+ to 80+

3M™ Cubitron™ II Abrasive Belts



3M[™] Cubitron[™] II 997F Abrasive Belt

AKA: **Mr. Durability**

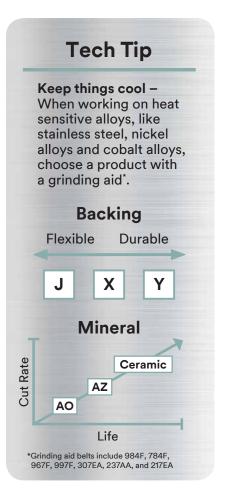
- Engineered for stainless steel and high nickel alloys
- Belt can be run wet or dry
- ZF-weight polyester cloth backing ideal for high pressure applications
- Available in grade 36+



3M[™] Cubitron[™] II 994F Abrasive Belt

AKA: The Carbonator

- Optimal for high pressure carbon steel and cast iron applications
- Suitable for wet and dry applications
- Durable ZF-weight polyester backing
- Available in grade 36+



3M™ Trizact™ Abrasive Belts



3M™ Trizact™ 307EA Abrasive Belt

- Resin-bonded Aluminum oxide mineral on a JE-weight rayon backing for long lasting performance.
- Aimed at higher nickel alloys, stainless steel
- Available in grades A100 to A6



3M™ Trizact™ 237AA Abrasive Belt

- Robust aluminum oxide mineral on a semi-flexible X-weight backing
- Available in grades A160 to A6



3M™ Trizact™ 217EA Abrasive Belt

- Aluminum oxide mineral on very flexible J-weight backing.
- Used on aluminum or brass (softer alloys)
- Available in grades A100 to A6

3M™ Agglomerate Abrasive Belts



3M[™] Cubitron[™] II 399F Abrasive Belt

AKA: **The Agglomonator**

- Little or no break-in period
- Extended belt life
- Fewer rejects, less rework higher productivity
- Up to 2x life against competitive engineered abrasives
- Water resistant polyester backing
- Grades 180 to 600



Newly designed 3M precision shaped agglomerate belt for deburring, centerless grinding, cylindrical grinding and flat finishing offers you unprecedented performance on a wide range of metals including carbon steel, stainless steel and other alloys - for outstanding quality, throughput and cost savings. Long lasting abrasive technology helps you achieve desired dimensions and finishes right from the start!

How cool is this?

3M™ Cubitron II™ Belts are engineered to run cooler eliminating metal discoloration/oxidation and reducing the chances of heat-related stress cracks.



This photo shows four identical 304 stainless steel bars after nine grading cycles of ten seconds each. While the three bars were ground using conventional ceramic abrasive belts show varying degrees of oxidation, the bar ground with a Cubitron II belt is free of burnishing.

No contest.

Cubitron II vs. Conventional Grain Competitors



This photo shows three identical 304 stainless steel bars after nine grading cycles of ten seconds per cycle using equal pressure. In that time, the Cubitron II belt removed 50% more metal than the so-called "next generation" ceramic grain abrasive.

3M™ General Purpose Abrasive Belt



3M[™] 384F Abrasive Belt

AKA: The Workhorse

- Workhorse for general purpose metalworking applications
- Consistent performance on all metals at a great value
- Waterproof X-weight polyester backing
- Available in grades 36+ to 240+; P320-400





Stainless Steel & Cobalt Chrome

Recommended Product	Heavy Grinding	Dimensioning/ Deburring	Blending / Finishing	Polishing
984F	•			
784F		•		
947A			•	
723D				•
Trizact				•









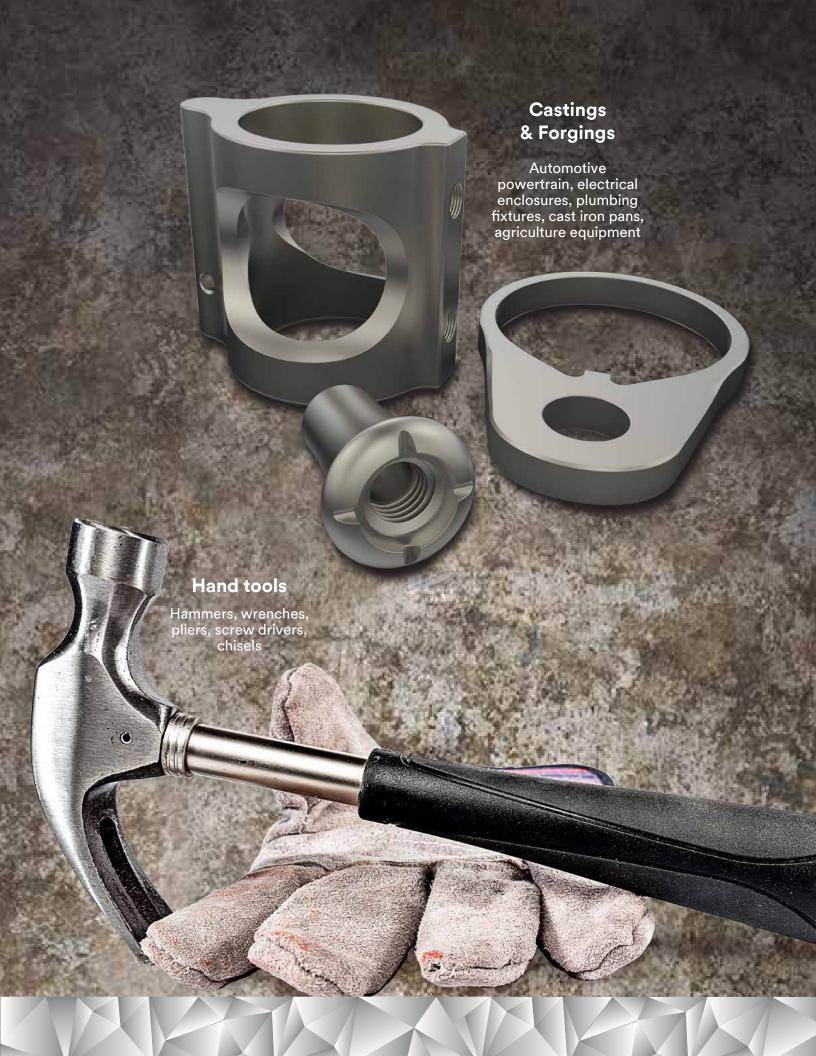
Carbon Steel & Cast Iron

Recommended Product	Heavy Grinding	Dimensioning/ Deburring	Blending / Finishing	Polishing
984F	•			
784F		•		
947A			•	
723D	100000000000000000000000000000000000000		•	•
Trizact				•



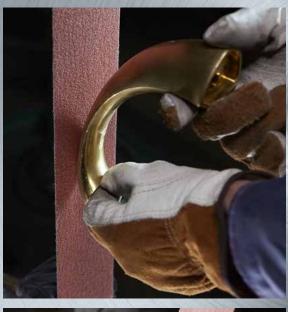






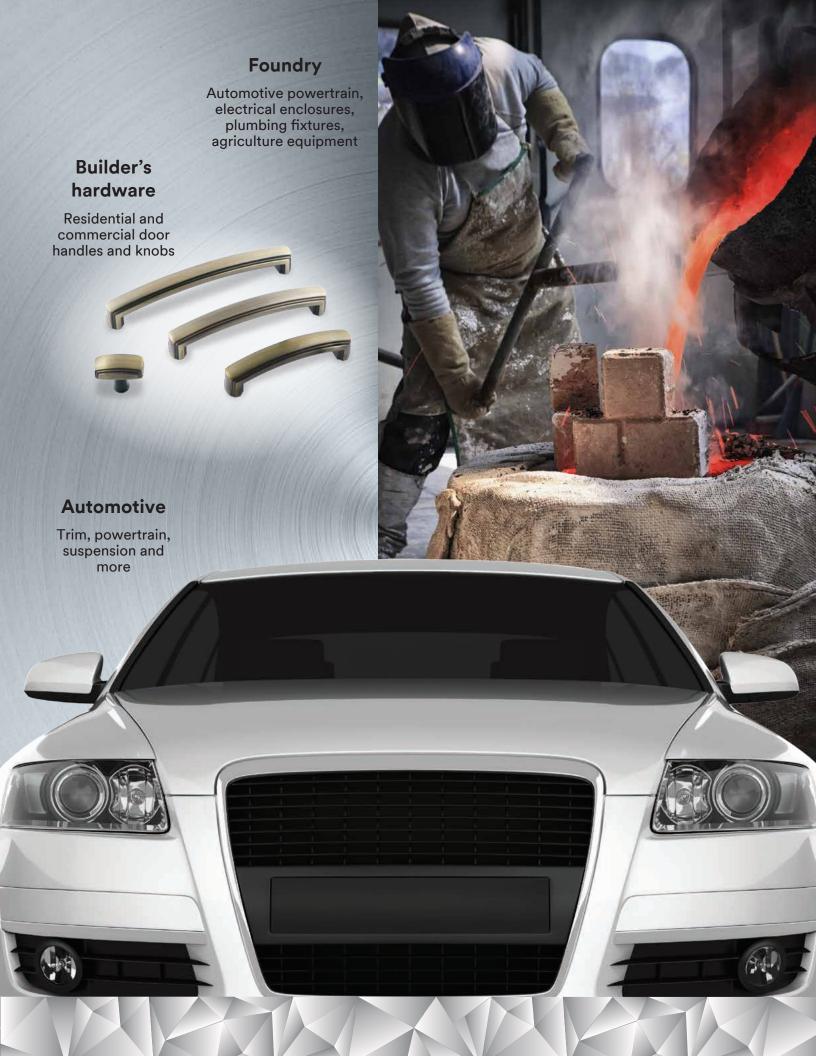
Aluminum & Soft Substrates

Recommended Product	Heavy Grinding	Dimensioning/ Deburring	Blending / Finishing	Polishing
994F	•			
784F		•		
947A			•	
723D			•	•
Trizact				•









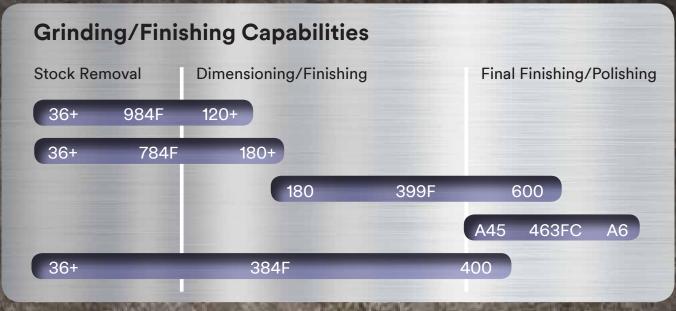
Titanium & High Nickel

Recommended Product	Heavy Grinding	Dimensioning/ Deburring	Blending / Finishing	Polishing
967F	•			
784F		•		
947A			•	
723D			•	•
Trizact				•





Centerless Grinding, Cylindrical Grinding & Flat Finishing





Food Industry

Oven and refrigerator door handles, various restaurant equipment, gussets and hardware

Automotive

Mirror brackets, grab bars, fender brackets, pick up truck bed rails, brush guards, luggage racks

Medical

Hospital bed rails, handicap railing, iv poles, surgical trays and more

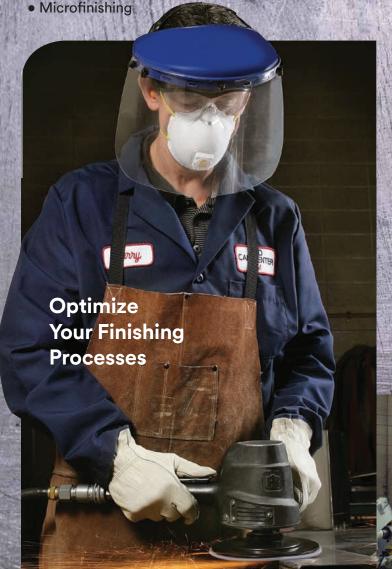
3M™ 384F A/O Metalworking Belt



What the CAM Center Can Do For You

The Customer Abrasive Methods (CAM) Center is where 3M's dedicated engineering staff use their expertise to help customers solve surface modification challenges. CAM Center engineers focus on specific process requirements within a variety of key industries and areas, including:

- Metal Fabrication
- Castings and Forgings
- Woodworking
- Solid Surface Materials
- Transportation
- Cylindrical Grinding
- Flat Finishing
- CNC Grinding
- Primary Metals
- Centerless Grinding



Want to Lower Costs? The CAM Center Can Help

Buying the lowest priced abrasives doesn't necessarily save money. When you work with 3M your company can benefit from the industry's foremost technical experts on surface modification solutions who can help reduce your overall costs.

Here's how:

- The CAM Center is a 30,000 sq. foot facility that houses over 80 grinding and finishing machines as well as portable tools for any application. The facility is dedicated to developing surface modification solutions that improve customer processes.
- CAM Center engineers can help you spec in new equipment to optimize your processes.
 Only the machine builders themselves may know more than the CAM engineers about abrasive machinery, and they put that knowledge to work for 3M customers.
- Methods development Bring or send your parts to the CAM Center and a CAM engineer will work with you to develop a new or improved finishing method.

By considering all variables including equipment, abrasives and operating parameters 3M's technical specialists can help you reduce process steps, reduce rework and scrap, reduce abrasive costs, improve throughput, improve quality and your overall results.

Employee Training and Development

Keeping up with the latest techniques and training takes resources that many manufacturers may not have available. 3M Abrasive's customers, however, have access to the training facilities at the CAM Center where 3M can offer customized training based on customer needs. This state-of-the-art training facility also hosts leading industry association events where customers and non-customers alike learn from CAM experts. Here are a few examples:

- Speeds, feeds and pressure training; factors that impact performance
- Off-hand, portable power tool grinding and finishing systems
- Automation, Woodworking and Metalworking Seminars
- Safety Seminars
- Customized training to customer requirements



Learn From Industry Leading Experts

Take Your Profits and Results to The Next Level

Issues with hard to grind materials? WE CAN HELP. Abrasive change outs chipping away WE CAN HELP. at your profits? Issues with achieving your WE CAN HELP. desired finish? Belt splice chatter, smearing or other WE CAN HELP. process issues marring your finish? Looking for automation in your WE CAN HELP. grinding/finishing operations? Dusty environment hampering your productivity? WE CAN HELP. Quality issues? WE CAN HELP. Need to do more with less? WE CAN HELP. Throughput or bottleneck issues? WE CAN HELP.

For help with these problems and many more, work with your local 3M Representative to connect you to the CAM Center today

Or call 651-733-4643 opt. 4



3M™ Belts

3M is the one-stop shop for all 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)	Application 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
A1 .	7,500-8,500	24-120
Aluminum	6,500-7,000	Fine Grades
Brass	7,000-8,000	36-180
Rubber	4,500	36-180
	2,500-5,000	00.400
Glass	6,000-8,000	80-400
Stone	7,000	36-180

3M™ Trizact™ Abrasive Grading							
Trizact Abrasive Grade	FEPA (P-Grade)						
A5	P3000						
A6	P2000						
A10	P1500						
A16							
A20	P1200						
A30							
A35	P600						
A45	P400						
	P320						
A60							
A65							
11/2	P240						
A80							
A90	P220						
A100							
A110	P180						
A130	P150						
A160	P120						

3M[™] Coated Belt Availability Guide

3M ID	Mineral	Backing	Grinding Aid	Use Dry/ Wet	20	24	36	40	50	60	80	100	120	150	180	220	240	320	400	600
399F	A/O Agglomerate	YF		Dry/ Wet	Z.				1	9/		A			Р		Р	Р	Р	Р
384F	A/O Ceramic Blend	XF		Dry/ Wet			+		+	+	+		+	+	+	+	+	Р	Р	
461F	Silicon Carbide	XF		Dry/ Wet			Р	Р		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
784F		YF/XF	Yes	Dry/ Wet			+		+	+	+		+	+	+					
723D		J		Dry								+	+	+	+	+				
947A		X	Yes	Dry				+		+	+		+			1				
966F	3M Precision	YF		Dry/ Wet	+	+	+		+	+	+		1/3							
967F	Shaped Grain	YF	Yes	Dry/ Wet		+	+		+	+	+									
984F		YF	Yes	Dry/ Wet			+		+	+	+		+					1		
994F		ZF		Dry/ Wet			+	W.								1/2	6 %			
997F		ZF	Yes	Dry/ Wet			+		3		T X				11	1/3			1	

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 Recommended Alternative Finishing/Polishing 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.

3M™ Coated Abrasive Belt Selection Guide

















			4							
Recommended Starting Point	Portable File Belt	Coarse Grade High Pressure	Backstand / Off Hand Low-Med	Stroke Sander	Bench Top Belt Sander	Slack of Belt Sander		ess and Roll inding		Wide Belt shing
Ottai ting i onit	Beit	Grinding	Pressure	Canaci	Deit Gallaci	Ganger	Dry	Wet	Dry	Wet
		Carbo	n Steel and Cast Iro	n (984F, 7	784F, 947A, 7	23D, Trizact)				
Recommended	784F	984F	784F	384F	784F	947A	784F	984F	784F	784F
Alternative	947A	994F	984F	784F	947A	723D	384F	784F	577F	577F
Finishing/	384F		947A	947A	384F	784F	347FC	363FC	384F	384F
Polishing	-	-	-	-	-	-	399F	399F	399F	399F
		Stainless S	Steel and Cobalt Ch	rome (98	4F, 784F, 947	7A, 723D, Triza	act)			
Recommended	784F	984F	784F	784F	784F	947A	784F	984F	784F	784F
Alternative	947A	997F	984F	947A	947A	784F	384F	784F	577F	577F
Finishing/	384F		947A	384F	384F	-	347FC	363FC	461F	461F
Polishing	-	-	-	-		-	399F	399F	399F	399F
		Alumir	num & Soft Substrat	es (994F,	784F, 947A,	723D, Trizact)				
Recommended	947A	994F	784F	784F	784F	947A	784F	784F	384F	384F
Alternative	784F	784F	984F	947A	947A	784F	384F	384F	361F	361F
Finishing/	384F	-	-	384F	384F	384F	Trizact	Trizact	461F	461F
Polishing	-	-	-	-		_	237AA	253FA	-	_
			Titanium (967F,	784F, 947	7A, 723D, Triz	act)				
Recommended	967F	967F	461F	-	967F	947A	N/A	966F	N/A	966F
Alternative	784F	-	784F	-	784F	784F	N/A	784F	N/A	461F
Finishing/	947A	-	461F	-	947A	-	N/A		N/A	-
Polishing	-		-	-	-	-	N/A	Trizact	N/A	463F

Recommended is the potential best starting point based on the application. Alternative is another option based either on a different flexibility and durability need, or a possible lower initial belt cost. Value shown in belt process can be viewd as an increase in throughput, lower overall belt cost, and faster sanding or grinding time.



Note:

• Applicable Substrates: stainless steel, cobalt chrome, carbon and cast iron steels

Belt Size, Grade and Quantity

76308-47073-9 76308-45587-3				
76308-45587-3		36+		
	½ × 18	60+	50/200	
76308-45588-0	/2 ^ 10	80+	30/200	
76308-45586-6		120+		
76308-47069-2		36+		
76308-47070-8	½×24	60+	50/200	
76308-47071-5	/2 ^ 24	80+	30/200	
51125-87318-5		120+		
76308-47072-2		36+		
76308-45583-5	3/ v/10	60+	FO (000	
76308-45584-2	¾×18	80+	50/200	
76308-45585-9		120+		
76308-45579-8	440	80+	000	
76308-45580-4	1×42	120+	200	
76308-45575-0	000	60+	05.150	
76308-45574-3	2×60	80+	25/50	
76308-47067-8		36+		
76308-45581-1	6 × 48	60+	20	
76308-45582-8		80+		
76308-45573-6	6 × 264	80+	20	
76308-45577-4		80+		
76308-45576-7		120+		
76308-47066-1	37 × 60	150+	5	
76308-47065-4		180+		
76308-45578-1	37 × 75	120+	5	
76308-47059-3		36+		
76308-47060-9	2 × 132	60+	5	
76308-47061-6		36+		
76308-47063-0	3 × 132	60+	5	
76308-47064-7		80+		
60-00035-4112		36+		
60-00035-4138		50+		
60-00035-4146		60+		
60-00035-4153		80+		
60-00035-4179		120+		
60-00035-4187	Custom	150+	Determined	
60-00035-4195	sizes	180+	by size	
60-00035-5168		220+		
60-00035-4203		240+		
60-00035-4211		P320		
60-00035-4229		P400		

UPC	Size	Grade	Quantity		
*60-00035-5291		P180			
*60-00035-5317		P240			
*60-00035-5333	Custom	P320	Determined		
	sizes		by size		
*60-00035-5358		P400			
*60-00035-5374		P600			
*3M ID - Custom	size made	to order			
723D					
UPC	Size	Grade	Quantity		
76308-45551-4	½ × 42	220+	25/200		
76308-45550-7	2×72	120+	25/50		
76308-45548-4		120+			
76308-45549-1	2 × 132	150+	25/50		
76308-45545-3		120+			
76308-45546-0	3 × 132	150+	25		
76308-45547-7		220+			
*60-00035-6356		100+			
*60-00035-5135		120+			
*60-00035-4872	N/A	150+	Determine		
*60-00035-4898	IVA	180+	by size		
*60-00035-4914		220+			
Available in grade:	s 100+ to 2				
*3M ID - Custom :					
*3M ID - Custom			Quantity		
*3M ID - Custom 9	size made	to order	Quantity 50/200		
*3M ID - Custom : 984F UPC	size made	to order			
*3M ID - Custom : 984F UPC 051141-27511-6	Size ½×18 ½×24	Grade 36+	50/200		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3	Size made	Grade 36+ 36+	50/200 50/200		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7	Size ½×18 ½×24	Grade 36+ 36+ 36+	50/200 50/200 50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2	Size ½×18 ½×24	Grade 36+ 36+ 36+ 60+	50/200 50/200 50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-27461-4	Size	Grade 36+ 36+ 36+ 36+ 36+	50/200 50/200 50 25/50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-27461-4 051141-55043-5	Size	Grade 36+ 36+ 36+ 60+ 36+	50/200 50/200 50 25/50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55043-5 051141-55051-0	Size ½ × 18 ½ × 24 2 × 132 3 × 132	Grade 36+ 36+ 36+ 60+ 36+ 60+ 80+	50/200 50/200 50 25/50 25		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55043-5 051141-55051-0 051141-27462-1 *051141-	Size made Size ½ × 18 ½ × 24 2 × 132 3 × 132 4 × 132	Grade 36+ 36+ 60+ 36+ 60+ 36+ 60+ 80+	50/200 50/200 50 25/50 25 25		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55043-5 051141-55051-0 051141-27462-1 *051141-55050-3 *051141-	Size made Size ½ × 18 ½ × 24 2 × 132	Grade 36+ 36+ 36+ 60+ 36+ 60+ 36+ 80+	50/200 50/200 50 25/50 25 25 50/500		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55043-5 051141-55051-0 051141-27462-1 *051141-55050-3 *051141-55060-2	Size	Grade 36+ 36+ 36+ 60+ 36+ 60+ 80+ 36+ 80+	50/200 50/200 50 25/50 25 25 50/500 25/200		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55051-0 051141-27462-1 *051141-55060-2 *051141-55066-4	Size %×18 %×24 2×132 3×132 4×132 1×11 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42	Grade 36+ 36+ 36+ 60+ 36+ 60+ 80+ 36+ 80+ 36+	50/200 50/200 50 25/50 25 50/500 25/200 10/50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55051-0 051141-27462-1 *051141-55060-2 *051141-55066-4 *051141-55036-7	Size %×18 %×24 2×132 3×132 4×132 1×11 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42 1%×132 1×42	Grade 36+ 36+ 36+ 60+ 36+ 80+ 36+ 80+ 80+ 80+ 80+	50/200 50/200 50 25/50 25 50/500 25/200 10/50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55043-5 051141-55051-0 051141-55051-0 *051141-55066-4 *051141-55066-4 *051141-55036-7 *051141-27853-7	Size %×18 %×24 2×132 3×132 4×132 1×11 1×42 1½×132 2×60	Grade 36+ 36+ 60+ 36+ 80+ 36+ 80+ 36+ 60+ 80+	50/200 50/200 50 25/50 25 25 50/500 25/200 10/50 25/50		
*3M ID - Custom : 984F UPC 051141-27511-6 051141-27512-3 051141-27460-7 051141-55044-2 051141-55051-0 051141-55050-3 *051141-55060-2 *051141-55066-4 *051141-55036-7 *051141-55036-7 *051141-55036-7 *051141-55036-9 *051141-	Size %×18 %×24 2×132 3×132 4×132 1×11 1×42 1½×132 2×60 2½×60	Grade 36+ 36+ 36+ 60+ 36+ 80+ 36+ 80+ 80+ 80+ 80+ 80+ 80+ 80+	50/200 50/200 50 25/50 25 50/500 25/200 10/50 25/50		

UPC	Size	Grade	Quantity	
51125-87317-8		36+		
76308-45559-0	1,,,,,	60+	50,000	
76308-45563-7	½ X 18	80+	50/200	
76308-45567-5		120+		
76308-45556-9		60+		
76308-45565-1	½ X 24	80+	50/200	
76308-45568-2		120+		
76308-47068-5		36+		
76308-45555-2	2/ 1/40	60+	50,000	
76308-45562-0	¾ X 18	80+	50/200	
76308-45572-9		120+		
76308-45554-5	1 X 132	50+	25/100	
76308-45570-5	2 X 48	60+	50	
76308-45571-2	2 X 48	80+	50	
76308-45557-6	0 V 70	60+	05 (50	
76308-45569-9	2 X 72	120+	25/50	
76308-45552-1	2 X 132	36+	50	
76308-45561-3	2 X 132	60+	50	
76308-45553-8		36+		
76308-45560-6	3 X 132	60+	25	
76308-45564-4		80+		
76308-45558-3	6 X 48	60+	20	
76308-45566-8	0 7 40	80+	20	
*60-00035-4732		36+		
*60-00035-4740		50+		
*60-00035-4757		60+		
*60-00035-4765	Custom	80+	Determined by size	
*60-00035-4773		120+		
*60-00035-4781		150+		
*60-00035-4799		180+		
Available in grade	s 36+ to 18	30+		

Size	Grade	Quantity	
	60+		
½ × 18	80+	50/200	
	120+		
	60+		
½ × 24	80+	50/200	
	120+		
	60+		
3/4 × 18	80+	50/200	
	120+		
2 × 72	60+	25/50	
	80+		
	60+		
3 × 132	80+	25	
	120+		
size made	to order		
Size	Grade	Quantity	
	20+		
	24+		
Custom	36+	Determined by size	
	50+		
	60+		
	80+		
size made	to order		
size made	to order		
size made	to order	Quantity	
		Quantity	
	Grade	Quantity	
	Grade 24+	Determined	
Size Custom	Grade 24+ 36+		
Size Custom	Grade 24+ 36+ 50+	Determined	
Size Custom	Grade 24+ 36+ 50+ 60+	Determined	
	 ½ × 18 ½ × 24 ¾ × 18 2 × 72 3 × 132 s 40+ to 12 size made Size 	G0+ H	

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3M Abrasive Systems Division 3M Center, Building 21-1W-10 St. Paul, MN 55144 USA Phone 1-866-279-1235

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