

3M™ Trizact™ Abrasive Grading System

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

3M Trizact Abrasives
Delivering consistent finishes
part after part.

Surface Finish Measurements, Ra

	Grade	Steel	Stainless	Brass	Aluminum	Titanium
AI203	A6	3 - 4	2 - 3	3 - 5	3 - 5	
	A16	6 - 10	6 - 10	9 - 11	13 - 15	
	A30	10 - 15	10 - 15	15 - 18	29 - 33	
	A45	25	26 - 30	28 - 32	30 - 45	
	A65	38 - 42	37 - 42	41 - 44	44 - 48	
	A80	40 - 46	39 - 44	45 - 55	49 - 56	
	A100	46 - 55	44 - 46	55 - 63	51 - 62	
	A90	17 - 23	29 - 35	51 - 57	54 - 60	33 - 39
	A110	27 - 33	40 - 46	62 - 68	61 - 67	42 - 48

For More Information and Assistance:

Contact your local 3M coated abrasive or surface conditioning products distributor or 3M at the numbers listed below.

For the contiguous 48 United States

Call 1-800-742-9546

Fax 1-800-852-4668

Important Notice to Purchaser:

Product Use: User is responsible for determining whether the product is fit for a particular purpose and suitable for user's application.

Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.

3M warrants that these products will be free from defects in materials and manufacture. If a product is proved to be defective, then the exclusive remedy, and 3M's sole obligation shall be, at 3M's option, to replace the quantity of the product which is proved to be defective or to refund the purchase price.

LIMITATION OF LIABILITY: 3M shall not be liable for direct, indirect, special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

The foregoing Warranty and Limited Remedy and Limitation of Liability may be changed only by written agreement signed by authorized officers of 3M.

Safety Information: Always use appropriate protective glasses, face shields and body protection. Do not exceed maximum operating RPM's. Use guards provided with machine. Follow safety operation procedures posted in work areas.



10% post-consumer wastepaper.



Abrasive Systems

3M Center, Building 223-6N-01
St. Paul, MN 55144-1000

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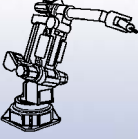

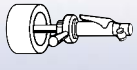
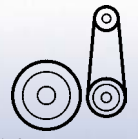


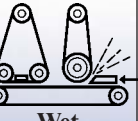
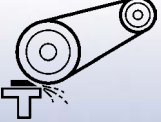


60-4400-7208-4 (621)jii

Product Application Guide

3M™ Trizact™ Abrasives



3M™ Trizact™ Product Application Chart

Machine Type Material												
	Robotic	Portable File Belt Machines	Pneumatic Drum	Roll Grinder Dry	Roll Grinder Wet	Stroke Sander	Platen Sander	Wet Wide Belt Sander	Backstand (Pressures) Medium	Backstand (Pressures) Light	Dry Centerless & Flat Finisher	Wet Centerless & Flat Finisher
Mild Steel	305EA, 237AA, 307EA, 217EA, 437AA	237AA	217EA, 237AA	217EA, 237AA, 307EA, 437AA	253FA, 366FA	217EA, 237AA	237AA, 437AA	366FA	305EA, 217EA, 237AA, 307EA, 437AA	217EA, 305EA	237AA, 437AA, 307EA	366FA, 253FA
Tool Steel	237AA, 307EA, 217EA, 305EA	237AA	217EA, 237AA	217EA, 237AA, 307EA, 437AA	366FA	217EA, 237AA	237AA, 437AA	366FA	217EA, 237EA, 305EA, 307EA, 437AA	217EA, 305EA	237AA, 437AA, 307EA	366FA, 253FA
Stainless	237AA, 307EA, 217EA, 305EA, 437AA	237AA	217EA, 237AA		253FA, 366FA	217EA	237AA, 437AA	366FA	217EA, 237EA, 305EA, 307EA, 437AA	217EA, 305EA	237AA, 437AA, 307EA	366FA, 253FA
Copper	217EA	407EA	217EA			217EA			217EA	217EA	307EA	
Aluminum	217EA	407EA	217EA			217EA			217EA	217EA	307EA	
Nickel	437AA, 237AA, 305EA, 307EA, 217AA	237AA	217EA		253FA, 366FA	217EA, 237AA, 437AA	237AA, 437AA	366FA	305EA, 217EA, 237AA, 307EA, 437AA	305EA, 217EA	437AA, 237AA	366FA, 253FA
Titanium	437AA, 407EA	407EA		437AA		407EA, 437AA			305EA, 407EA, 437AA	305EA, 407EA		
Chrome	217EA		217EA		253FA, 366FA		237AA, 437AA		217EA	217EA		366FA, 253FA
Glass & Ceramics	437AA, 407EA	407EA		437AA, 407EA		407EA	437AA		407EA	407EA		

3M Product Backing Mineral	217EA	237AA	253FA	305EA	307EA	366FA	407EA	437AA
	Flexible J wt.	Flexible X wt.	Stiff X wt.	Flexible J wt.	Flexible J wt.	Stiff Y wt.	Flexible J wt.	Flexible X wt.
	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide	Silicon Carbide
5				■				
6	■	■	■		■			
16	■	■	■		■	■		
20							■	
30	■	■	■		■	■		
40								
45	■	■	■		■	■		
60							■	
65	■	■	■		■	■		
80	■	■	■		■			
90							■	■
100	■	■	■		■	■		
110							■	
130			■					
160		■						

Contact your 3M Sales Representative or Authorized 3M Abrasive Systems Distributor for all available sizes and converted forms.