

Abrasive Belt Systems

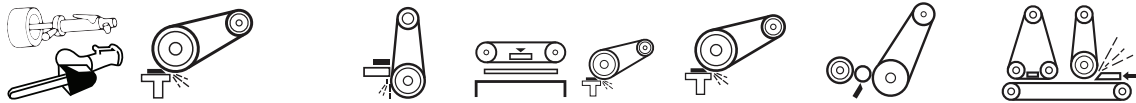
3M™ Belts

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, other custom sizes are available.

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



Recommended Starting Point	Portable File Belt	Coarse Grade High Pressure Grinding	Backstand/Off Hand Low-Med Pressure	Stroke Sander	Bench Top Belt Sander	Slack of Belt Sander	Centerless and Roll Grinding		Flat and Wide Belt Finishing	
							Dry	Wet	Dry	Wet
Carbon Steel and Cast Iron										
Recommended	784F	984F	784F	384F	784F	947A	784F	984F	784F	784F
Alternative	947A	994F	984F	784F	947A	723D	384F	784F	577F	577F
Finishing/Polishing	384F	—	947A	947A	384F	784F	347FC	363FC	384F	384F
	—	—	—	—	—	—	399F	399F	399F	399F
Stainless Steel and Cobalt Chrome										
Recommended	784F	984F	784F	784F	784F	947A	784F	984F	784F	784F
Alternative	947A	997F	984F	947A	947A	784F	384F	784F	577F	577F
Finishing/Polishing	384F	—	947A	384F	384F	—	347FC	363FC	461F	461F
	—	—	—	—	—	—	399F	399F	399F	399F
Aluminum and Soft Substrates										
Recommended	981F	984F	981F	981F	981F	947A	784F	784F	384F	384F
Alternative	784F	784F	784F	784F	784F	784F	384F	384F	361F	361F
Finishing/Polishing	384F	—	384F	384F	384F	384F	237AA	253FA	461F	461F
Titanium										
Recommended	967F	967F	967F	—	967F	947A	N/A	966F	N/A	966F
Alternative	784F	984F	784F	—	784F	784F	N/A	784F	N/A	461F
Finishing/Polishing	947A	—	461F	—	947A	—	N/A	—	N/A	—
	—	—	—	—	—	—	N/A	463FC	N/A	463FC

*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 viewed as an increase in throughput, lower overall belt cost, and faster sanding or grinding time.

3M™ Belts

341D

- Aluminum oxide on an X wt cloth backing
- Excellent all-around abrasive belt for blending and finishing
- For use on backstand, benchtop, stroke sanding, slack of belt and dry flat finishing equipment



UPC	W x L	Grade	Qty/Case
051144-26614-2	1" x 42"	36	200
051144-31823-0	1" x 42"	50	200
051144-26602-9†	1" x 42"	P150	200
051144-26601-2	1" x 42"	P180	200
051144-26599-2	1" x 42"	P240	200
051144-26597-8	1" x 42"	P320	200
051144-26443-8†	1-1/2" x 60"	36	50
051144-26441-4†	1-1/2" x 60"	40	50
051144-26438-4	1-1/2" x 60"	60	50
051144-26436-0	1-1/2" x 60"	80	50
051144-26571-8	2" x 48"	36	50
051144-26568-8	2" x 48"	50	50
051144-26564-0	2" x 48"	60	50
051144-26562-6	2" x 48"	80	50
051144-26561-9†	2" x 48"	P100	50
051144-26560-2	2" x 48"	P120	50
051144-26424-7†	2" x 60"	50	50
051144-33640-1	2" x 60"	60	50
051144-33639-5	2" x 60"	80	50
051144-33667-8	2" x 60"	P120	50
051144-26320-2	2" x 72"	36	50
051144-26316-5	2" x 72"	60	50
051144-33067-6	2" x 72"	80	50
051144-26312-7	2" x 72"	P120	50
051144-26309-7	2" x 72"	P180	50
051144-81752-8	2" x 72"	P240	50
051144-26408-7	2-1/2" x 60"	36	50
051144-26400-1	2-1/2" x 60"	60	50
051144-26396-7	2-1/2" x 60"	80	50
051144-26388-2	2-1/2" x 60"	P120	50
051144-26857-3	3-1/2" x 15-1/2"	60	50
051144-26856-6	3-1/2" x 15-1/2"	80	50
051144-33647-0	4" x 132"	60	25
051144-26517-6	6" x 48"	P150	20
051144-26515-2	6" x 48"	P180	20
051144-26513-8	6" x 48"	P240	20
051144-74271-4	37" x 60"	P120	5
051144-14420-4	37" x 75"	80	3
051144-33061-4	37" x 75"	P120	5

†Made-to-Order

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, flat finishing and hand tool applications



UPC	W x L	Grade	Qty/Case
051111-67159-7†	4" x 90"	P180	50
051111-67179-5†	4" x 90"	P320	50
051115-27707-8†	6" x 90"	P220	20
051144-14773-1	37" x 60"	80	2
051144-14905-6	37" x 60"	P100	5
051144-11519-8	37" x 60"	P120	5
051144-76939-1	37" x 60"	P150	5
051144-11515-0	37" x 60"	P180	5
051144-76923-0	37" x 60"	P220	5
051144-81215-8	37" x 75"	P100	5
051144-76942-1†	37" x 75"	P120	5
051144-80037-7	37" x 75"	P150	5
051111-51215-9	37" x 75"	P180	5

†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
- For use on backstand, benchtop, slack of belt, flat finishing, centerless and wet roll grinding equipment



UPC	W x L	Grade	Qty/Case
051111-67404-8†	4" x 118"	P220	50
051111-67405-5†	4" x 132"	P220	50
051111-67408-6†	4" x 132"	P320	50

†Made-to-Order