

# Abrasive Belt Systems

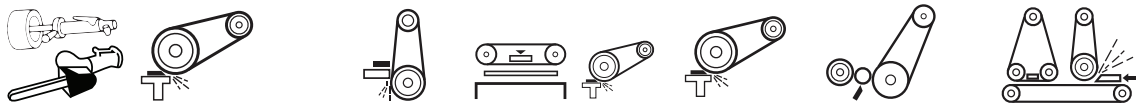
## 3M™ Belts

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
<b>Carbon Steel and Cast Iron</b>										
<b>Recommended</b>	784F	984F	784F	384F	784F	947A	784F	984F	784F	784F
<b>Alternative</b>	947A	994F	984F	784F	947A	723D	384F	784F	577F	577F
<b>Finishing/Polishing</b>	384F	—	947A	947A	384F	784F	347FC	363FC	384F	384F
	—	—	—	—	—	—	399F	399F	399F	399F
<b>Stainless Steel and Cobalt Chrome</b>										
<b>Recommended</b>	784F	984F	784F	784F	784F	947A	784F	984F	784F	784F
<b>Alternative</b>	947A	997F	984F	947A	947A	784F	384F	784F	577F	577F
<b>Finishing/Polishing</b>	384F	—	947A	384F	384F	—	347FC	363FC	461F	461F
	—	—	—	—	—	—	399F	399F	399F	399F
<b>Aluminum and Soft Substrates</b>										
<b>Recommended</b>	981F	984F	981F	981F	981F	947A	784F	784F	384F	384F
<b>Alternative</b>	784F	784F	784F	784F	784F	784F	384F	384F	361F	361F
<b>Finishing/Polishing</b>	384F	—	384F	384F	384F	384F	237AA	253FA	461F	461F
<b>Titanium</b>										
<b>Recommended</b>	967F	967F	967F	—	967F	947A	N/A	966F	N/A	966F
<b>Alternative</b>	784F	984F	784F	—	784F	784F	N/A	784F	N/A	461F
<b>Finishing/Polishing</b>	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™ Cubitron™ II Cloth Belts

### 947A

- Made with revolutionary 3M precision-shaped abrasive grain technology
- Flexible X wt poly-cotton backing
- Optimized for low-medium pressure applications on stainless, mild steel and aluminum



UPC	W x L	Grade	Qty/Case
051125-94700-8	1/4" x 24"	60+	200
051125-94701-5	1/4" x 24"	80+	200
051125-94702-2	1/4" x 24"	120+	200
051125-86773-3	1/2" x 18"	40+	200
051125-94703-9	1/2" x 18"	60+	200
051125-94704-6	1/2" x 18"	80+	200
051125-94705-3	1/2" x 18"	120+	200
051125-86774-0	1/2" x 24"	40+	200
051125-94706-0	1/2" x 24"	60+	200
051125-94707-7	1/2" x 24"	80+	200
051125-94708-4	1/2" x 24"	120+	200
051119-16613-2	3/4" x 18"	40+	200
051125-94709-1	3/4" x 18"	60+	200
051125-94710-7	3/4" x 18"	80+	200
051125-94711-4	3/4" x 18"	120+	200
051125-86776-4	3/4" x 20-1/2"	40+	200
051125-94712-1	3/4" x 20-1/2"	60+	200
051125-94713-8	3/4" x 20-1/2"	80+	200
051125-94714-5	3/4" x 20-1/2"	120+	200
051125-94715-2	1" x 11"	80+	200
051125-94716-9	1" x 11"	120+	50
051125-94717-6	1" x 30"	80+	200
051125-94718-3	1" x 30"	120+	200
051125-94719-0	1" x 42"	80+	200
051125-94720-6	1" x 42"	120+	200
051125-94721-3	2" x 60"	60+	50
051125-94722-0	2" x 60"	80+	50
051125-94723-7	2" x 60"	120+	50
051125-94724-4	2" x 72"	60+	50
051125-94725-1	2" x 72"	80+	50
051125-94726-8	2" x 72"	120+	50
051119-30509-8	2" x 132"	40+	50
051125-94727-5	2" x 132"	60+	50
051125-94728-2	2" x 132"	80+	50
051125-94729-9	2" x 132"	120+	50
051119-22669-0	3" x 132"	40+	25
051125-94730-5	3" x 132"	60+	25
051125-94731-2	3" x 132"	80+	25
051125-94732-9	3" x 132"	120+	25
051119-30304-9	3-1/2" x 15-1/2"	40+	50
051125-94733-6	3-1/2" x 15-1/2"	60+	50
051125-94734-3	3-1/2" x 15-1/2"	80+	50
051125-94735-0	3-1/2" x 15-1/2"	120+	10
051125-94736-7	6" x 48"	60+	20
051125-94737-4	6" x 48"	80+	20
051125-94738-1	6" x 48"	120+	20

### 994F

- Made with revolutionary 3M precision-shaped abrasive grain technology
- Tough, durable ZF wt cloth backing
- Optimal for high pressure carbon steel and aluminum applications



UPC	W x L	Grade	Qty/Case
051141-28203-9	Belt sizes made to order; specify UPC, grade and belt size (W" x L")	36+	Determined by belt size

### 997F

- Made with revolutionary 3M precision-shaped abrasive grain technology
- Tough, durable ZF wt cloth backing
- Superb in high pressure stainless, cobalt chrome and nickel alloy applications



UPC	W x L	Grade	Qty/Case
076308-66767-2	Belt sizes made to order; specify UPC, grade and belt size (W" x L")	36+	Determined by belt size

### 981F

- Designed specifically for grinding on soft metal substrates like aluminum, brass and bronze
- 3M Precision-Shaped Grain cuts exceptionally fast for grinding and finishing on soft metals
- Strong mineral adhesion for reduced shelling when grinding on the edge of the belt



UPC	W x L	Grade	Qty/Case
638060-05476-5	1/2" x 18"	36+	200
638060-05477-2	1/2" x 18"	40+	200
638060-05478-9	1/2" x 18"	60+	200
638060-05479-6	1/2" x 24"	36+	200
638060-05480-2	1/2" x 24"	40+	200
638060-05481-9	1/2" x 24"	60+	200
638060-05482-6	3/4" x 18"	36+	200
638060-05483-3	3/4" x 18"	40+	200
638060-05488-8	2" x 48"	36+	50
638060-05489-5	2" x 48"	40+	50
638060-05490-1	2" x 48"	60+	50
638060-05494-9	2" x 72"	36+	50
638060-05495-6	2" x 72"	40+	50
638060-05496-3	2" x 72"	60+	50
638060-05500-7	2" x 132"	36+	50
638060-05501-4	2" x 132"	40+	50
638060-05502-1	2" x 132"	60+	50
638060-05503-8	3" x 132"	36+	25
638060-05504-5	3" x 132"	40+	25
638060-05505-2	3" x 132"	60+	25