

## 3M™ Cloth Belt 767F

Get a versatile, value-priced metalworking belt designed to cut tough jobs down to size.

Powered by 3M Precision-Shaped Grain, 3M™ Cloth Belt 767F is designed for versatility, productivity, and long life – at an affordable price for everyday use. It delivers a combination of performance and value, designed to help lower abrasive spend.



### Target markets

- ▶ Casting & Forging
- ▶ Builders Hardware & Plumbing
- ▶ Hand Tools & Edge/Cutlery
- ▶ Primary Metal
- ▶ O.D. Finishing
- ▶ Medical Implants
- ▶ Foundry

### Applications

For use on carbon steel and stainless steel for medium to high pressure applications.

- ▶ Moderate Stock Removal
- ▶ Weld Removal
- ▶ Off-Hand Grinding
- ▶ Flat Finishing
- ▶ Centerless Grinding
- ▶ File Belt Applications

SIC Code		NAICS Code	SIC
<b>Primary Target Markets</b>			
3324	Steel Investment Foundries	331512	Steel Investment Foundries
3325	Steel Foundries, Not Elsewhere Classified	331513	Steel Foundries (except investment)
3369	Nonferrous Foundries	331529	Other Nonferrous Metal Foundries (Except Die-Casting)
3317	Steel Pipe and Tubes	331210	Iron and Steel Mills and Ferroalloy Manufacturing
<b>Secondary Target Markets</b>			
3842	Orthopedic, Prosthetic, and Surgical Appliances	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
3429	Hardware, Not Elsewhere Classified	332919	Other Metal Valve and Pipe Fitting Manufacturing
3432	Plumbing Fixtures Fittings and Trim		
3494	Valves and Pipe Fittings, Not Elsewhere Classified		
3499	Fabricated Metal Products, Not Elsewhere Classified		
3317	Steel Pipe and Tubes	331210	Iron and Steel Pipe and Tube Manufacturing
3799	Transportation Equipment, Not Elsewhere Classified	331529	Other Motor Vehicle Parts Manufacturing
3429	Hardware, Not Elsewhere Classified		

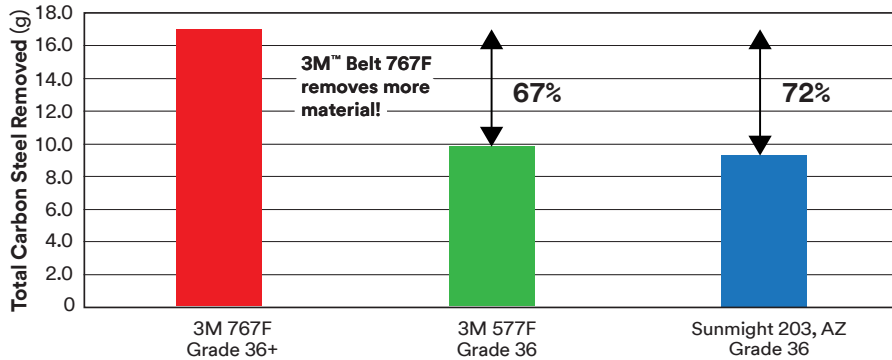


## Performance and versatility – at a price that’s affordable for everyday use

Over life of the belt, 3M™ Cloth Belts 767F remove more material than the competition – and they keep cutting long after other belts call it quits.

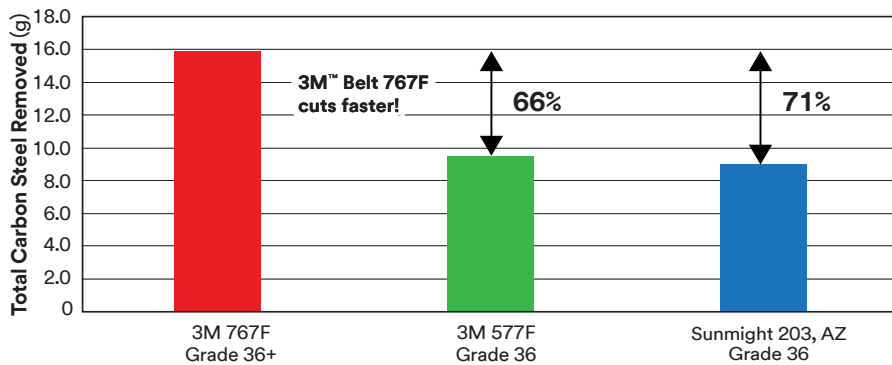
### Total Material Removed\*

Medium-High Pressure Testing on Carbon Steel



### Cut Rate\*

Medium-High Pressure Testing on Carbon Steel



\* Results based on an automated, 54 minute grinding time backstand test on 1045 steel using 36" long belts 3M™ Cloth Belt 577F (grade 36), Sunmigh Belt R203 (grade 36) and 3M™ Cloth Belt 767F (grade 36+).

### Competitive Abrasive Belts

- VSM Abrasives
  - KK716 – A/Z Mineral
  - KK711X – A/O Mineral
- Norton™ Abrasives
  - BlueFire R823P – A/Z Mineral
  - Gemini R766 – A/O Mineral
  - SG R981 – Low-Cost Ceramic
- Deerfos Abrasives
  - PZ533+ – A/Z Mineral
  - PZ528 – A/Z Mineral
- Klingspor® Abrasives
  - CS411 – A/Z Mineral
  - CS409 – A/Z Mineral
  - CS308 – A/O Mineral
- Sunmigh Abrasives
  - R203 – A/Z Mineral
  - R205 – A/Z Mineral

## When should I recommend 3M Cloth Belt 767F vs. other 3M Abrasive Belts?

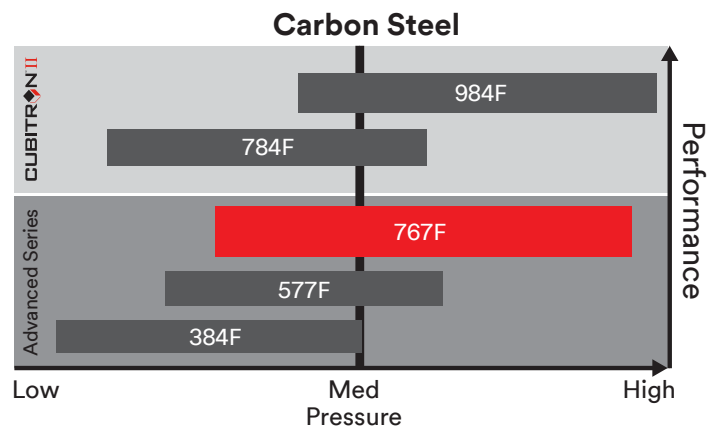
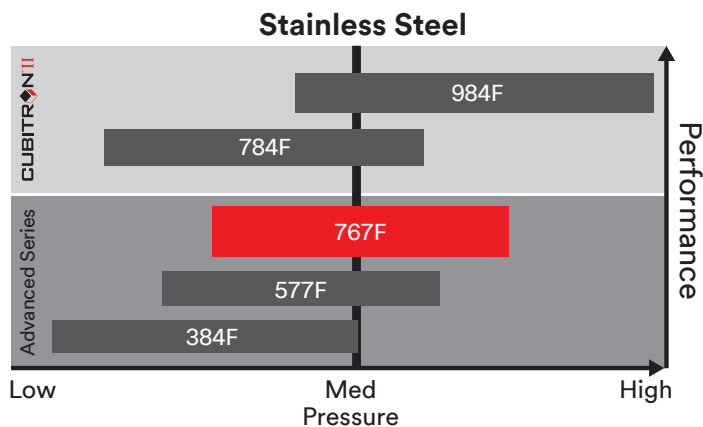
Legend: Abrasive belt guide	Product ID	Mineral	Backing	Grades	Application Pressure	Substrate
<b>Premium Series</b>						
3M™ Cubitron™ II Cloth Belts	997F	Ceramic Precision-Shaped Grain	ZF-wt	36+	Very high	Stainless steel
	994F		ZF-wt	36+	Very high	Carbon steel, cast iron
	984F		YF-wt	36+ to 120+	Medium-high	Stainless steel, carbon steel, high nickle alloys
	981F		YF-wt	36+ to 60+	Medium	Soft metals, aluminum, carbon steel
	784F		YF/XF-wt	36+ to 180+	Low-medium	Stainless steel, carbon steel, high nickle alloys
<b>Advanced Series</b>						
3M™ Cloth Belts	▶ 767F	Ceramic Precision-Shaped Grain	YF-wt	36+ to 120+	Medium-high	Carbon steel, stainless steel
	577F	A/Z	YF-wt	24 -180	Medium	General purpose, all metals
	384F	A/O and Ceramic Precision-Shaped Grain	XF-wt	36+ to P400	Low-medium	Carbon steel

## What belt should I recommend? (continued)

▶ 3M has a full line of abrasive belts for use in a wide variety of metalworking applications. If your customer is most concerned about minimizing abrasive spend, choose a belt from the 3M Advanced Series, like 3M™ Cloth Belt 767F. If your customer can measure abrasive performance and is looking to lower their overall grinding costs, choose a 3M™ Cubitron™ II Belt, such as 3M™ Cubitron™ II Cloth Belt 984F or 3M™ Cubitron™ II Cloth Belt 784F, to help maximize productivity.

	Steel Foundry & Forging	Gray Ductile Iron Foundry	Aluminum Foundry	Plumbing Fixtures	Builders Hardware	Hand & Edge Tool
High Pressure Stock Removal	984F 997F <b>767F</b>	984F <b>767F</b>	984F 994F <b>767F</b>	984F <b>767F</b>	984F <b>767F</b>	984F <b>767F</b>
Med. Pressure Stock Removal & Blending	<b>767F</b> 784F 384F	<b>767F</b> 784F 384F	981F 784F <b>767F</b>	784F <b>767F</b> 384F	784F <b>767F</b> 384F	784F <b>767F</b> 384F

<p><b>3M™ Cubitron™ II Cloth Belt 984F</b></p> <ul style="list-style-type: none"> <li>✓ For highest productivity in medium-high pressure abrasive applications</li> <li>✓ Lowest overall production cost</li> </ul>	<p><b>3M™ Cubitron™ II Cloth Belt 784F</b></p> <ul style="list-style-type: none"> <li>✓ For high productivity in low-medium pressure abrasive applications</li> <li>✓ Lowest overall production cost</li> </ul>	<p>▶ <b>3M™ Cloth Belt 767F</b></p> <ul style="list-style-type: none"> <li>✓ For value-priced performance in medium-high pressure abrasive applications</li> <li>✓ Lowest overall abrasive spend</li> </ul>
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▶ Sales Tools Available



▶ 3M™ Cloth Belt 767F Flyer



▶ 3M™ Cloth Belt 767F Distributor Sales Training

**Remember to use the proper safety equipment**

- ▶ Safety Glasses
- ▶ Respirator
- ▶ Leather Gloves
- ▶ Leather Apron
- ▶ Hearing Protection
- ▶ Steel Toed Shoes or Boots

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