

EXPANDED OFFERING!

Cloth PSA discs now available

SOLID PERFORMANCE, AT A GREAT PRICE

There is simply not enough time in the day to search the web, or call around looking for the best deal. You don't need to. Norton Metal is a comprehensive abrasive line ranging from cones and plugs, cut-off wheels, to grinding wheels help reach project goals in a single, economical purchase.

And you know it's quality when it's a Norton branded line. So, whether you are cutting or grinding, sanding, blending or finishing you've arrived at the right place for SOLID PERFORMANCE at a great price.

KEY INDUSTRIES

Metalfab | MRO | Welding Shops
Fabrication | Shipyards | Foundries
Maintenance Of Way | Steel Mills

KEY APPLICATIONS

Weld Blending | Grinding | Stock Removal
Rough Beveling | Flaw Removal
Cast Cleaning | Cutting-Off

www.nortonabrasives.com



STOCK REMOVAL, BLENDING, POLISHING AND FINISHING

When it comes to abrasives the choices can be overwhelming. No matter the job need, the Norton Metal abrasives line has performance values you'd expect from one of the world's largest abrasives manufacturers. Whether it's fiber discs, flap discs, sheet or shop roll, we have the right problem solver at a price you can afford.

Fiber Discs



TIER: **GOOD - VALUE**
TRADENAME: **METAL F240**
ABRASIVE: Aluminum Oxide

SIZE (D x H)	GRIT	STD. PKG.	PART #
4" x 5/8"	24	25	05539510595
	36	25	05539510594
	50	25	05539510593
	60	25	05539510592
	80	25	05539510591
4-1/2" x 7/8"	24	25	66623353309
	36	25	66623353306
	50	25	66623353310
	60	25	66623353311
	80	25	66623353312
	100	25	66623353313
5" x 7/8"	120	25	66623353314
	16	25	05539510684
	24	25	66623357276
	36	25	66623357277
	50	25	66623357278
	60	25	66623357279
	80	25	66623357280
	100	25	66623357281
7" x 7/8"	120	25	66623357282
	16	25	05539510693
	24	25	66623357283
	36	25	66623357284
	50	25	66623357285
	60	25	66623357286
	80	25	66623357287
	100	25	66623357288
9-1/8" x 7/8"	120	25	66623357289
	24	25	05539510702
	36	25	05539510701
	60	25	05539510699

Tabbed Cloth PSA Discs



TIER: **GOOD - VALUE**
TRADENAME: **METAL R243**
ABRASIVE: Aluminum Oxide

SIZE (D)	GRIT	PKG./CASE	PART #
5"	80	50/250	69957339967
	100	50/250	69957339968
	120	50/250	69957339969
	150	50/250	69957339970
	180	50/250	69957339971
6"	80	50/250	69957339973
	100	50/250	69957339977
	120	50/250	69957339978
	150	50/250	69957339979
	180	50/250	69957339986

Back-up Pads



DESCRIPTION	MAX. RPM	STD. PKG.	PART #
Back-up Pads for Cloth PSA Discs			
5" Diameter - Low Profile - Soft	12,000	5	63642506126
5" Diameter - Low Profile - Medium	12,000	5	63642506131
5" Diameter - Tapered - Medium	12,000	5	63642506139
6" Diameter - Low Profile - Soft	10,000	5	63642506127
6" Diameter - Low Profile - Medium	10,000	5	63642506133
6" Diameter - Tapered - Medium	10,000	5	63642506141
8" Diameter - Tapered - Medium	6,000	5	63642543112
Standard Air-Cooled Rubber Back-up Pads* for Fiber Discs			
4" Medium	12,000	5	63642504918
4-1/2" Medium	11,000	5	63642502122
5" Medium	10,000	5	63642543421
6"	8,500	1	66261160043
7" Hard	8,600	5	63642543425
7" Medium	8,600	5	63642543422
9" Hard	6,600	5	63642543426
9" Medium	6,600	5	63642543423

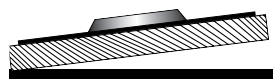
*#103 Retainer nuts (63642543463) are not included with back-up pads and must be ordered separately.

Flap Discs



				TIER: GOOD - VALUE	TIER: GOOD - VALUE	TIER: GOOD - VALUE
				TRADENAME: METAL R828	TRADENAME: METAL R828	TRADENAME: METAL R828
				SHAPE: Type 27 Flat	SHAPE: Type 29 Conical	SHAPE: Type 29 Conical
				FLAP DENSITY: Standard	FLAP DENSITY: Standard	FLAP DENSITY: High
				ABRASIVE: Zirconia Alumina	ABRASIVE: Zirconia Alumina	ABRASIVE: Zirconia Alumina
				BACKING PLATE: Fiberglass	BACKING PLATE: Fiberglass	BACKING PLATE: Fiberglass
SIZE (D x H)	GRIT	MAX. RPM	STD. PKG.	PART #	PART #	PART #
4-1/2" x 5/8"-11	36	13,300	10	66254472655	66254419991	
	40	13,300	10	66254437013	66254419994	66261132535
	60	13,300	10	66254472656	66254419996	66261132536
	80	13,300	10	66254472657	66254419997	66261132537
4-1/2" x 7/8"	36	13,300	10	66254472653	66254419963	
	40	13,300	10	66254437004	66254419978	66261132538
	60	13,300	10	66254448989	66254419984	66261132539
	80	13,300	10	66254448990	66254419987	66261132540
5" x 7/8"	36	12,000	10	66254472659	66254419998	
	40	12,000	10	66254472660	66254420001	
	60	12,000	10	66254472661	66254420002	
	80	12,000	10	66254472662	66254420003	
6" x 5/8"-11	40	10,200	10	66254491773	66254491779	
	60	10,200	10	66254491774	66254491780	
	80	10,200	10	66254491775	66254491781	
	40	10,200	10	66254491770	66254491776	
6" x 7/8"	60	10,200	10	66254491771	66254491777	
	80	10,200	10	66254491772	66254491778	
	36	8,600	10	66254472669	66254420009	
	40	8,600	10	66254472670	66254420010	66261132541
7" x 5/8"-11	60	8,600	10	66254472671	66254420012	66261132542
	80	8,600	10	66254472672	66254420013	66261132543
	36	8,600	10	66254472664	66254420004	
	40	8,600	10	66254472665	66254420006	66261132544
7" x 7/8"	60	8,600	10	66254472666	66254420007	66261132545
	80	8,600	10	66254472667		66261132546

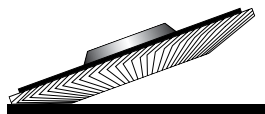
FLAP DISC SHAPES



GRIND AT FLATTER ANGLES:
0° - 15°

Type 27 Flat – The Best Choice for Finishing

- Used primarily on flat surfaces
- The best choice for blending and smooth finishing



GRIND AT STEEPER ANGLES:
15° - 25°

Type 29 Conical – The Best Choice for Aggressive Stock Removal

- Conical flap discs have angled flaps and may be used on both contoured and edge work
- The angle provides greater surface contact for stock removal on flat surfaces
- The best choice when speed and stock removal are primary considerations

ABRASIVE FLAP DENSITIES



Standard Density

- Excellent for heavy-duty applications and rapid stock removal



High Density

- Ideal when working on uneven or curved surfaces, as well as finer grit blending

Cloth Rolls



TIER: **GOOD - VALUE**
 TRADENAME: **R243**
 ABRASIVE: Aluminum Oxide
 BACKING: Cotton

SIZE (W x L)	GRIT	STD. PKG.	PART #
1" x 50 yds	60	1	66261136178
	80	1	66261136179
	100	1	66261136180
	120	1	66261136181
	150	1	66261136182
	180	1	66261136186
	240	1	66261136187
	320	1	66261136188
	400	1	66261136189
1-1/2" x 50 yds	60	1	66261136190
	80	1	66261136192
	100	1	66261136194
	120	1	66261136195
	150	1	66261136196
	180	1	66261136199
	240	1	66261136200
	320	1	66261136201
	400	1	66261136202
2" x 50 yds	60	1	66261136203
	80	1	66261136204
	100	1	66261136205
	120	1	66261136206
	150	1	66261136207
	180	1	66261136208
	240	1	66261136209
	320	1	66261136210
	400	1	66261136211

Cloth Sheets



TIER: **GOOD - VALUE**
 TRADENAME: **METAL R243**
 ABRASIVE: Aluminum Oxide
 BACKING: Cotton

SIZE	GRIT	STD. PKG.	PART #
9" x 11"	80	25/125	66261179998
	100	50/250	66261181503
	120	50/250	66261181504
	150	50/250	66261181505
	180	50/250	66261180005
	240	50/250	66261181507
	320	50/250	66261180006
	400	50/250	66261181509



NORTON

SAINT-GOBAIN

METAL

GRINDING AND CUT-OFF

Find exactly what you are looking for in rough grinding. Norton Metal wheels are a good choice for steel and ferrous metals on jobs where performance does not have to be measured. Available in the most popular sizes and package quantities to fulfill any need.

Depressed Center Wheels

TIER: **GOOD – VALUE**
 TRADENAME: **METAL**
 ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #
1/8" – Cutting / Notching / Light Grinding – Type 27			
4" x 1/8" x 5/8"	15,280	25	66252842014
4-1/2" x 1/8" x 5/8"-11	13,580	10	66252843609
4-1/2" x 1/8" x 7/8"	13,580	25	66252843611
5" x 1/8" x 5/8"-11	12,225	10	66252843615
5" x 1/8" x 7/8"	12,225	10	66252843616
7" x 1/8" x 5/8"-11	8,600	10	07660702678
1/4" – Grinding – Type 27			
4-1/2" x 3/16" x 7/8"	13,580	25	66252843605
	13,580	40	66252819559
4-1/2" x 1/4" x 7/8"	13,580	25	66252843607
	13,580	50	66252836796
5" x 1/4" x 5/8"-11	12,225	10	66252843613
5" x 1/4" x 7/8"	12,225	25	66252843614
7" x 1/4" x 5/8"-11	8,600	10	66252912633

Small Diameter Reinforced Cut-Off Wheels

TIER: **GOOD – VALUE**
 TRADENAME: **METAL**
 ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #
.035", .040", .045", 1/16" – Type 01/41 – Cut-Off			
3" x .035" x 3/8"	25,465	25	07660789451
3" x 1/16" x 3/8"	25,465	25	66252835553
4" x .035" x 3/8"	19,100	25	07660789453
4" x 1/16" x 3/8"	19,100	25	66252843848
4" x .040" x 5/8"	15,280	25	07660701616
4-1/2" x .035" x 7/8"	13,580	25	07660701617
5" x .040" x 7/8"	12,225	25	66252843847
5" x .045" x 4/8"	12,225	25	07660701618
6" x .040" x 7/8"	10,185	25	07660702757
.045", 1/16" – Type 27/42 – Cut-Off			
4-1/2" x .045" x 7/8"	13,580	25	66252843604
5" x .045" x 7/8"	12,225	25	66252843849
6" x .045" 7/8	10,185	25	66252842015
Type 01/41 – Circular Saw			
6-1/2" x .125" x DM-5/8	10,185	25	07660789098
7" x 1/8" x DM-5/8	8,730	25	07660789097
8" x 1/8" x DM-5/8	7,640	10	07660789096

High Speed Cut-Off Wheels

TIER: **GOOD – VALUE**
 TRADENAME: **RAILCUT/FOUNDRY METAL**
 ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC.	PART #
Type 01/41 Cut-Off - Railcut				
16" x 1/8" x 1"	4,800	10		66243482066
Type 01/41 Straight Cut-off – Foundry Reinforced				
14" x 1/8" x 1"	4,365	10	Side Reinforced	66243485918
16" x 5/32" x 1"	3,820	10	Side Reinforced	66243485919
20" x 5/32" x 1"	2,710	10	Side Reinforced	66243485920
20" x 3/16" x 1"	2,710	10	Centrally Reinforced	66243485921

Chop Saw Reinforced Cut-Off

TIER: **GOOD – VALUE**
 TRADENAME: **METAL**
 ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #
Type 01/41 – Straight Cut-Off			
12" x 7/64" x 1"	5,095	5	07660789400
14" x 3/32" x 1"	4,365	10	07660789405 <i>STUD</i>
	4,365	10	07660789399
14" x 7/64" x 1"	4,365	25	07660703970 <i>5-Pk</i>

NORTON

SAINT-GOBAIN

METAL

ROUGH GRINDING

The Norton Metal selection of portable snagging cones, and plugs is engineered to bring quality to the field or shop floor at a low initial cost. Quality aluminum oxide grain, along with a solid bond, ensures you can trust what's in your hands. You will make quick work of the job while putting some change back in your pocket.

Portable Snagging



TIER: **GOOD - VALUE**
 TRADENAME: **METAL**
 ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #
Type 16 Cones 			
1" x 3" x 3/8"-24 (ME 107019)	36,290	10	66253349752
1-1/2" x 2-1/2" x 3/8"-24 (ME 44436)	24,190	10	66253349754
1-1/2" x 3" x 5/8"-11 (ME 70535)	24,190	10	66253349757
1-1/2" x 2-1/2" x 5/8"-11 (ME 171651)	24,190	10	69078640046
1-1/2" x 3" x 3/8"-24 (ME 171652)	24,190	10	69078640215
1-3/4" x 3" x 3/8"-24 (ME49226)	20,735	10	66253349840
1-3/4" x 3" x 5/8"-11 (ME 33432)	20,740	10	66253349841
2" x 3" x 5/8"-11 (ME 28229)	18,145	10	66253349846
2" x 3" x 3/8"-24	18,145	10	66253476413
2-3/4" x 3-1/2" x 5/8"-11 (ME 18265)	13,195	10	66253349855
3" x 3" x 5/8"-11 (ME70537)	12,100	10	66243496885
Type 17 Cones, Square Tip 			
1-1/2" x 1/2" x 3" x 3/8"-24	24,190	10	66253349753
1-1/2" x 1/2" x 3" x 5/8"-11	24,190	10	69078640224
2" x 1/2" x 3" x 5/8"-11	18,145	10	66253349845
Type 18 Plugs, Square Tip 			
1-1/2" x 2-1/2" x 3/8"-24	24,190	10	66253349755
1-1/2" x 2-1/2" x 5/8"-11	24,190	10	69078640226
1-1/2" x 3" x 5/8"-11	24,190	10	66253349838
2" x 3" x 5/8"-11	18,145	10	66253349847
2" x 4" x 5/8"-11	18,145	10	66253349850
Type 18R Plugs, Round Tip 			
1-1/2" x 2-1/2" x 3/8"-24	24,190	10	69078640229
1-1/2" x 2-1/2" x 5/8"-11	24,190	10	69078640227
1-1/2" x 3" x 3/8"-24	24,190	10	66253349756
1-1/2" x 3" x 5/8"-11	24,190	10	66243495628
2" x 3" x 5/8"-11	18,145	10	66253349849
3" x 3" x 5/8"-11	12,095	10	69078640231

**BEST** – Blaze, Quantum3**BETTER** – BlueFire**GOOD** – Metal, Gemini
www.facebook.com/NortonAbrasivesNA | www.youtube.com/NortonAbrasives | www.nortonabrasives.com
USA CUSTOMER SERVICE:

Toll Free Phone: 1 (800) 551-4413
 Toll Free Fax: 1 (800) 551-4416

CANADA CUSTOMER SERVICE:

Toll Free Phone: 1 (800) 263-6565
 Toll Free Fax: 1 (800) 561-9490

FORM #8702 REV. 09/19

© Saint-Gobain September 2019

Norton, Blaze, BlueFire, Gemini and Quantum3 are trademarks of Saint-Gobain Abrasives.

✓ **NO-RISK TEST**