





NORTON **SG**  
**BLAZE**®

NorZon®  
**BLUEFIRE**™

**MERIT**



**CATEGORY DEFINITION**

The most heavy-duty of coated abrasive discs with resin over resin construction on heavy-duty vulcanized fiber backing. Designed for applications ranging from heavy stock removal to surface blending. Used with back-up pads on portable angle grinders.

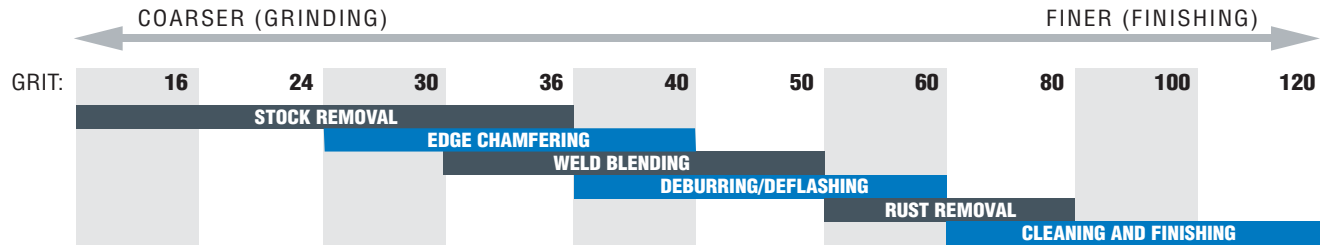
- APPLICATIONS: Stock removal, edge chamfering, weld blending, deburring/deflashing, rust removal, cleaning and finishing
- SIZE RANGE: 4" x 5/8" hole, 4-1/2" – 9-1/8" x 7/8" hole
- GRIT RANGE: 16 – 120
- ABRASIVE GRAIN: Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide
- PRODUCT OPTIONS: Speed-Change hubs (5/8-11"), AVOS technology
- ACCESSORIES: Air-cooled and smooth-faced back-up pads

**MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE**

	BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
<b>Stainless Steel / Titanium / Super Alloys*</b>	Norton SG Blaze F980	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Mild Carbon Steel / Welds</b>	Norton SG GreenLyte F968	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Ferrous Metals / Cast Iron</b>	Norton SG GreenLyte F968	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Brass / Bronze / Aluminum</b>	–	Norton Metalite F220	Merit Metal A/O
<b>Paint / Glue / Stonework</b>	–	Norton FastCut Silicon Carbide	Merit Metal A/O

\*NICKEL/COBALT BASED – HASTELLOY, INCONEL, WASPALLOY

**APPLICATION/GRIT RECOMMENDATION GUIDE**



**CROSS REFERENCE GUIDE**

	TOTAL PERFORMANCE			INITIAL PRICE				
	BEST SG Blaze F980 SG GreenLyte F968		BETTER NorZon BlueFire F826 Metalite F220		GOOD Metalite F226			
<b>NORTON</b>								
<b>MERIT</b>			Ceramic	Z/A	Metal			
<b>3M</b>	985C, 982C	988C, 983C	785C	501C	–	280C	381C	281C GreenCorp
<b>Camel</b>	–	–	Ceramic Blend	–	Zirconia	A/O Open	–	A/O
<b>Flexovit</b>	–	–	Flexon CG	Flexon	–	–	Specialist	High Perf
<b>GemTex</b>	–	–	X, PMD	–	ZEE	SMD	–	A
<b>Hermes</b>	CB844X	CB444X/J	–	RB414X/J	–	–	RB314X/J	–
<b>Klingspor</b>	CS661	–	–	CS570	CS565	–	–	CS561
<b>Metabo</b>	–	–	–	–	Z/A	–	–	A
<b>Mirka</b>	–	–	–	Blue A/Z	Gold A/Z	–	–	Red A/O
<b>Pearl</b>	–	–	–	–	Zirconia	–	A/O Premium	A/O Silver
<b>Pferd</b>	CO Cool	CO	CO-PMD	Z Cool	Z	–	A Cool	A
<b>Sait</b>	9S	8S	–	3Z	Z	–	3A	A, 2A
<b>SIA</b>	–	4515	–	4815	4819	–	–	4919
<b>Standard</b>	–	–	Ceramic	–	Zirconia	–	A/O Extra	A/O
<b>VSM</b>	XF870	XF750	ZF844	ZF745	ZF713, ZF714	–	KF808	KF708
<b>Walter</b>	–	–	–	Topcut, Inox	–	–	Coolcut	–
<b>Weiler</b>	–	–	–	–	Zirconium	–	–	A/O



FEATURED PRODUCTS



**NORTON SG BLAZE F980**

BEST CHOICE FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS

**FEATURES**

- Patented, new generation ceramic alumina grain
- Full-ratio / 100% ceramic alumina grain
- Self-lubricating, advanced supersize treatment
- Improved resin bond system
- Extra heavy-duty backing on 50 grit & coarser
- Foil-packed availability

**BENEFITS**

- Improved micro-fracturing for sharper grain edges and improved grain life
- Significant cut rate and life over competitive blended/low-ratio ceramic alumina discs
- Reduced heat, loading and glazing on stainless, titanium and super alloys
- Improved grain retention for longer life
- Increased life and durability
- Improved humidity and prevention against curl
- Fully recyclable for reduced landfill waste



**NORTON SG GREENLYTE F968**

BEST CHOICE FOR CARBON STEEL, WELDS, FERROUS METALS, AND CAST IRON

**FEATURES**

- Premium, patented, self-sharpening full-ratio ceramic abrasive grain

**BENEFITS**

- Faster initial cut rate, longer life and improved finishes versus competitive ceramic



**NEW**

**NORTON NORZON BLUEFIRE F826**

BETTER CHOICE FOR STAINLESS, SUPER ALLOYS, STEEL, CAST IRON AND HIGH PRESSURE APPLICATIONS

**FEATURES**

- New, improved blend of patented ceramic alumina and zirconia alumina abrasive

**BENEFITS**

- Fast, aggressive cutting
- Self-sharpens with use



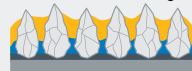
**NEW**

**NORTON METALITE F220**

BETTER CHOICE FOR SOFT METALS

**FEATURES**

- High-performance aluminum oxide
- Paraffin wax coating



**BENEFITS**

- Low initial price with consistent performance
- Minimizes loading without sacrificing life, while providing excellent cut
- Reduces heat at the point of contact, so disc remains free-cutting and lasts longer
- Less pressure required for optimum performance



**NEW**

**NORTON FASTCUT TYPE 27**

BETTER CHOICE FOR PAINT, GLUE, ADHESIVE AND STONERWORK

**FEATURES**

- Extra coarse 16 grit, sharp silicon carbide abrasive grain
- Engineered specifically with cooling ridges
- Type 27 flat faced, depressed center shaped, with rigid fiber backing

**BENEFITS**

- Quickly penetrates and removes any coatings (adhesives, paint, acrylics, mastics, etc.)
- Aggressively grinds concrete, marble, granite, and other stonework
- Minimize loading by creating an interrupted cut
- Remain free-cutting and last longer
- Ideal for demanding right angle grinding, at comfortable low angles



**NEW**

**MERIT METAL**

GOOD STARTING SPECIFICATION FOR ALL METALS

**FEATURES**

- High-performance aluminum oxide

**BENEFITS**

- Low initial price with consistent performance



AVAILABILITY



TIER:	BEST	BEST	BETTER	BETTER	BETTER
BRAND:	Norton	Norton	Merit	Norton	Merit
TRADENAME:	<b>NORTON SG BLAZE F980</b>	<b>SG GREENLYTE F968</b>	<b>CERAMIC</b>	<b>NORZON BLUEFIRE F826</b>	<b>ZA</b>
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina	Ceramic/Zirconia	Zirconia Alumina
OTHER:	Supersize				

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
4-1/2 x 7/8	24	25	69957398000	66261141313	66623355601	66261138457	66623353315
	30		66254425334				
	36		69957398001	66261141312	66623355602	66261138456	66623353316
	40			66261058701			
	50		69957398002	66261141311	66623355603	66261138454	66623353318
	60		69957398003	66261141310	66623355604	66261138453	66623353319
	80		69957398004	66261141309	66623365598	66261138452	66623353320
	100			66261141308			
	120		66254425332	66261141307			
	5 x 7/8	24	25	69957398005	66261141320	66623355597	66261138563
50			66254464822#				
30		25	66254425333				
36		25	69957398006	66261141319	66623355598	66261138562	66623357291
50			66254464821#				
40		25		66261058702			
50		25	69957398007	66261141318	66623355599	66261138561	66623357292
50			66254464820#				
60		25	69957398008	66261141317	66623355600	66261138601	66623357293
80		25	69957398009	66261141316	66623366015	66261138600	66623357294
7 x 7/8	24	25	69957398010	66261141327	66623355578	66261138594	66623357295
	50		66254464819#				
	30	25	66254420653				
	36	25	69957398011	66261141326	66623355594	66261138593	66623357296
	50		66254464816#				
	40	25		66261058703			
	50	25	69957398012	66261141325	66623355595	66261138592	66623357297
	50		66254464815#				
	60	25	69957398013	66261141324	66623355596	66261138591	66623357298
	80	25	69957398014	66261141323	66623365600	66261138590	66623357299
9-1/8 x 7/8	24	25	69957398015	66261141344	05539510782	66261138584	
	36		69957398016	66261141343	05539510749	66261138583	
	50		69957398017		05539510748	66261138582	
	60			66261141341			
	80			66261141340			
	100			66261141339			

# SHRINK-WRAP FOIL PACK: 10 DISCS PER PACK, 5 PACKS PER STANDARD PACKAGE

NOTE: FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS, SHOWN ON THE LAST PAGE OF THIS SECTION

Foil Packaging for Norton SG Blaze!

Controlled humidity prevents curl, 10 per pack



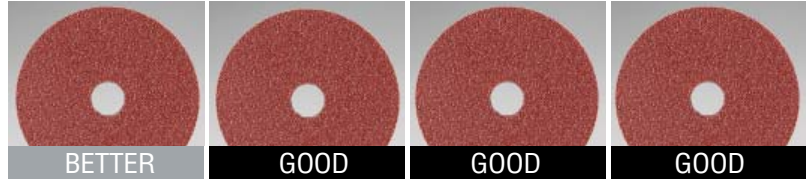
NorZon BlueFire F826

Faster and cooler cutting with new patented abrasive blend





AVAILABILITY



TIER:

BETTER

GOOD

GOOD

GOOD

BRAND:

Norton

Norton

Norton

Merit

TRADENAME:

METALITE F220

METALITE F226

METALITE F226

MERIT METAL

ABRASIVE:

Aluminum Oxide

Aluminum Oxide

Aluminum Oxide

Aluminum Oxide

OTHER:

Paraffin Fill

Individual UPC Barcode

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
4 x 5/8	24	25		66261133434	07660704709**	05539510595
	36			66261133433	07660704710**	05539510594
	50			66261133432	07660704711**	05539510593
	60			66261133431		05539510592
	80			66261133430		05539510591
	100			66261133429		
	120			66261133428		
4-1/2 x 7/8	24	25		66261133519	07660704712**	66623353309
	36		66254400694	66261133517	07660704713**	66623353306
	50		66254400696	66261133515	07660704714**	66623353310
	60		66254400698	66261133513		66623353311
	80		66254400700	66261133511		66623353312
	100			66261133509		66623353313
	120			66261133507		66623353314
5 x 7/8	16	25		66261133617		05539510684
	24		66254400692	66261133615	07660704706**	66623357276
	36		66254400683	66261133610	07660704707**	66623357277
	50		66254400688	66261133605	07660704708**	66623357278
	60		66254400690	66261133600		66623357279
	80		66254400691	66261133595		66623357280
	100			66261133590		66623357281
	120			66261133585		66623357282
7 x 7/8	16	25		66261133760		05539510693
	24		66254400702	66261133755	07660704703**	66623357283
	36		66254400701	66261133750	07660704704**	66623357284
	50		66254400703	66261133745	07660704705**	66623357285
	60		66254400704	66261133740		66623357286
	80		66254400705	66261133735		66623357287
	100			66261133730		66623357288
	120			66261133725		66623357289
9-1/8 x 7/8	16	25		66261133890		
	24			66261133885		05539510702
	36			66261133880		05539510701
	50			66261133875		05539510700
	60			66261133870		05539510699
	80			66261133865		
	100			66261133860		
	120			66261133855		05539510695

\*\* 10 PER STD. PKG.

NOTE: FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS, SHOWN ON THE LAST PAGE OF THIS SECTION

Norton Metalite F226 Discs

Individual UPC Bar-Coded

- High-performance aluminum oxide fiber discs at market competitive prices
- Job Packs with 10 per box; ideal for walk-in displays and small contractor purchases
- All discs are UPC bar-coded and can be sold individually





Speed-Change

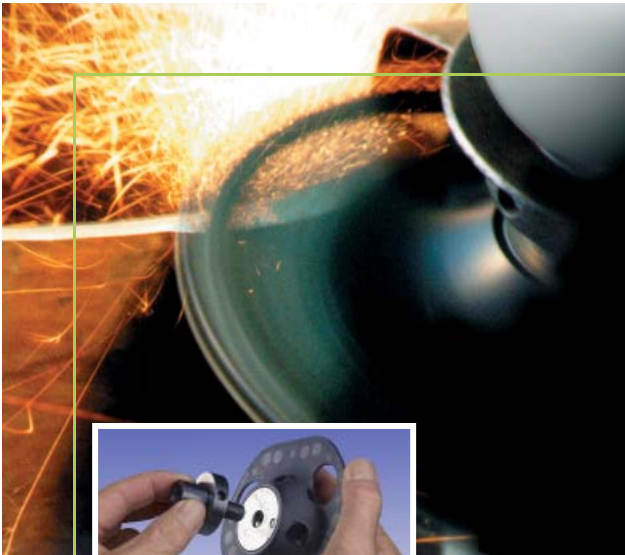
These fiber discs feature Norton quick, tool-free, twist-on and off Speed-Change fasteners. Discs lock to standard back-up pads with a unique nut design and are easily removed, increasing your productivity with more time to grind.

AVAILABILITY

TIER:	BEST	BETTER	GOOD
BRAND:	Norton	Norton	Norton
TRADENAME:	<b>NORTON SG BLAZE F980</b>	<b>NORZON BLUEFIRE F826</b>	<b>METALITE F226</b>
ABRASIVE:	Ceramic Alumina	Ceramic/Zirconia	Aluminum Oxide
OTHER:	Supersize		

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
4-1/2 x 5/8-11	24	25	66261023269		
	36		66261185294		
5 x 5/8-11	24	25	66254425336	66261138797	
	36		66261185801	66261138796	66261137522
	60				66261137515
7 x 5/8-11	24	25	69957349782	66261138819	66261137625
	36		66261029863	66261138818	66261137620
	50			66261138817	66261137615
	60			66261138816	
	80				66261137605
	100				66261137600
120			66261137595		

NOTE: SPEED-CHANGE FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS, SHOWN ON THE LAST PAGE OF THIS SECTION



AVOS Fiber Discs and Speed-Lok Back-up Pads

- Patented, see-through design allows interrupted cut which reduces heat up to 30% over standard discs
- The scooped holes create air flow to pull swarf away from grinding zone; cool cutting and extended product life
- 5" back-up pad for full utilization of discs – no gouging
- Quick, tool-free, twist-on and off Speed-Lok fasteners

AVAILABILITY

TIER:	BEST	BETTER
BRAND:	Norton	Norton
TRADENAME:	<b>NORTON SG BLAZE F980</b>	<b>NORZON BLUEFIRE F826</b>
ABRASIVE:	Ceramic Alumina	Ceramic/Zirconia

SIZE	GRIT	STD. PKG.	PART NO.	PART NO.
4-1/2" Speed-Lok (3 hole)	24	10	66254468389	66261129718
	36		66254468390	66261129719
	50		66254468391	66261129720
	60		66254468392	66261129721
	80		66254468393	66261129722
5" Speed-Lok (3 hole)	24	10	66254468385	66261126556
	36		66254468386	66261126557
	50		66254468387	66261126558
	60		66254468388	66261126559
7" Speed-Lok (6 hole)	24	10	66254468381	66261137454
	36		66254468382	66261137455
	50		66254468383	66261137456
	60		66254468384	66261137457
	80		66261137458	

NOTE: AVOS FIBER DISCS MUST BE USED WITH AVOS BACK-UP PADS SHOWN AT LEFT

SIZE	RPM	STD. PKG.	PART NO.
<b>AVOS Triangular Speed-Lok Back-up Pads</b>			
4-1/2" x 5/8-11	13,000	5	63642502985
5" x 3/8-24 Pistol Grip*	20,000	5	63642503029
5" x 5/8-11	13,000	5	63642502517
5" x 7/16-20 Pistol Grip*	20,000	5	63642503030
<b>AVOS Round Speed-Lok Back-up Pads</b>			
7" x 5/8-11 Hard	8,600	5	63642504873
7" x 5/8-11 Medium	8,600	5	63642504874

\*USE ON AIR PNEUMATIC AND HIGH-SPEED PISTOL GRIP SANDERS



**Air-Cooled Standard Back-up Pad**

Slotted hub design and curved ribs draw heat away from the grinding zone, reducing disc loading and increasing life. All pads have a 5/8"-11 threaded female hub for mounting. We also offer a no-nose for shorter-shafted right angle grinders.



**Smooth Face Back-up Pad**

Molded rubber back-up pads with a smooth face.

- Hard density pads are for aggressive cutting action
- Medium density pads are for all-purpose applications
- Soft density pads are used for contours and fine finishing work

DESCRIPTION	MAX. RPM	STD. PKG.	PART NO.
<b>RUBBER BACK-UP PADS</b>			
<b>AIR COOLED STANDARD</b>			
4" Medium	12,000	5	63642504918
4-1/2" Medium	11,000	5	63642502122
5" Medium	10,000	5	63642543421
7" Hard	8,600	5	63642543425
7" Medium	8,600	5	63642543422
9" Hard	6,600	5	63642543426
9" Medium	6,600	5	63642543423
NOTE: RETAINER NUTS ARE NOT INCLUDED WITH BACK-UP PADS. THESE MUST BE ORDERED SEPARATELY.			
<b>AIR COOLED NO-NOSE</b>			
4-1/2" Medium	11,000	5	63642504872
5" Medium	10,000	5	63642503000
7" Medium	8,600	5	66254487375
<b>SMOOTH FACE</b>			
4-1/2" Medium	20,000	5	66254492277
5" Medium	12,000	5	63642543235
7" Hard	8,600	5	63642543240
7" Medium	8,600	5	63642543245
7" Soft	8,600	5	63642543250
9" Medium	7,000	5	63642543270
<b>TOOLS</b>			
#103 Retainer Nut	—	10	63642543463
Spanner Wrench	—	5	63642543005
66NS Short Retainer Nut	—	10	63642543461



**FastCut Fiber Discs**

Type 27 (flat-faced), semi-rigid fiber-backed discs with extra sharp, 16 grit silicon carbide abrasive, are engineered specifically with cooling ridges for an interrupted cut to efficiently grind softer materials (marble, granite, concrete, etc.) where loading is a problem.

**Cooling ridges minimize loading to remain free-cutting and last longer.**

AVAILABILITY

TIER:	<b>BETTER</b>
BRAND:	Norton
TRADENAME:	<b>FASTCUT TYPE 27</b>
ABRASIVE:	Silicon Carbide
OTHER:	Semi-Rigid

SIZE (D X H)	GRIT	STD. PKG.	PART NO.
4-1/2 x 7/8	16	25	66261199054
7 x 7/8	16	25	66261199052

NOTE: FASTCUT DISCS MUST BE USED WITH BACK-UP PADS ABOVE