



CATEGORY DEFINITION

Portable file belt sanders have replaced tedious hand filing and sanding. First introduced in pneumatic, they are now available in electric. Increasingly, tool manufacturers are introducing additional fixtures for an increasing number of applications. The belts listed are popular stock sizes, but additional sizes, specifications, backing materials, and edge scallops are available made-to-order.

- APPLICATIONS: Light weld removal and blending, shape and contour sanding, surface preparation prior to coating and plating, removing cutting tool marks from molds and dies, general clean-up and finishing
- SIZE RANGE: 1/8" to 1" wide, 12" to 30" long
- GRIT RANGE: 40 – 120
- ABRASIVE GRAIN: Ceramic Alumina, Zirconia Alumina, Aluminum Oxide

CROSS REFERENCE GUIDE

<i>NORTON</i>	BEST Norton SG Blaze R980P	BEST Norton SG R981	BETTER NorZon R823	GOOD Metalite R283
3M	977F	963G, 967F	577F, 777F	241E
Hermes	CR456	–	RB486 44 Z	RB317J, RB316EJ RB303 Flex
Klingspor	CS610YY	–	CS411YX, CS 409Y	CS310XF
SIA	–	–	–	933A, 936A
VSM	SK840X, SK750X	–	KK715X	KK711T, KK511J

MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

	HEAVY-DUTY		GENERAL-DUTY
	BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
Carbon Steel	Norton SG Blaze R980P	NorZon R823	Metalite R283
Stainless Steel / Alloys	Norton SG Blaze R980P	NorZon R823	Metalite R283
Cast Iron	Norton SG Blaze R980P	NorZon R823	Metalite R283
Brass/Bronze	–	NorZon R823	Metalite R283
Aluminum	–	NorZon R823	Metalite R283

FEATURED PRODUCTS



NORTON SG BLAZE R980P

BEST FOR STAINLESS, COBALT, CHROME, INCONEL, TITANIUM, MILD AND CARBON STEEL

FEATURES

- Next-generation cooler cutting Norton SG ceramic alumina grain
- Y-wt. polyester waterproof cloth backing
- Improved resin bond system
- Advanced "supersize" grinding lubricant

BENEFITS

- Lasts 50% to 200% longer on mild and carbon steel, stainless, cobalt, chrome, Inconel and titanium
- Cuts 20% faster than the current generation of ceramic alumina grinding belts
- Better metal integrity
- Edge-fray resistance
- Improved body-retention during use for more consistent grinding throughout belt life
- Significantly improved belt life due to exceptional grain adhesion
- Cooler cutting during the life of the belt
- Improved part finish and integrity



FEATURED PRODUCTS



NORZON R823

THE BETTER CHOICE FOR STAINLESS AND CARBON STEEL

FEATURES

- Premium, self-sharpening zirconia alumina
- Durable grain coating
- Strong X-wt. polyester waterproof backing

BENEFITS

- Aggressive abrasive, rapid cut rate
- Strong grain adhesion, longer life
- For moderate- to heavy-pressure applications

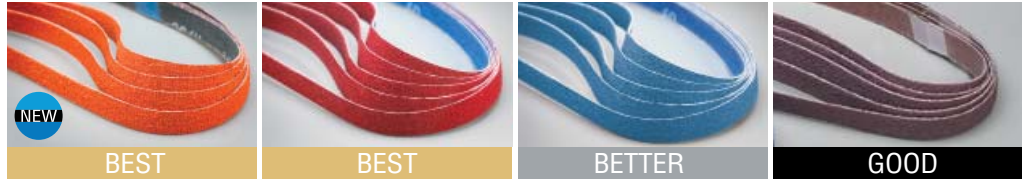
AVAILABILITY

TIER:	BEST	BEST	BETTER	GOOD
BRAND:	Norton	Norton	Norton	Norton
TRADENAME:	SG BLAZE R980P	NORTON SG R981	NORZON R823	METALITE R283
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina	Aluminum Oxide
BACKING:	Y-wt. Polyester	Y-wt. Polyester	X-wt. Polyester	X-wt. Rayon
OTHER:	Supersize			

SIZE (W X L)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
12" BELTS						
1/8 x 12	40	50	66254491518	66254491521	66254492520	66254491536
	60	50	66254405345	66254491522	66261093029	
	80	50	66261089479	66254491523	66261093030	66254491537
	120	50	66254491519	66254491524	66224491533	66254491538
1/4 x 12	40	50	66254491520	66254491525	66254492521	66254491539
	60	50	66261196480	78072760823	78072758896	
	80	50	66261063617	66254491526	78072782621	78072766143
	120	50	66261063632	66254491527	78072782622	78172763175
1/2 x 12	40	50	69957398018	66254491528	66254492522	78072727557
	50	50	66261043759	78072718700	66254492523	66254491540
	60	50	69957398019	78072718701	78072728745	78072727555
	80	50	69957398020	78072718702	78072728744	78072727554
	100	50	66261081180	66254491529	66254491534	78072727553
	120	50	66261042909	78072700518	78072728742	78072727552
1 x 12	60	50	66261063641	78072761985	78072753073	78072773813
13" BELTS						
3/8 x 13	60	50	69957345359	78072745459	78072740295	78072732112
	80	50	69957392150	78072774916	78072736062	78072771323
18" BELTS						
1/8 x 18	40	50	66254475211	66254491530	66254492524	66254491541
	60	50	66261080010	78072781570	66254491535	
	80	50	66261089120	78072789083	78072760595	63642594761
	120	50	66254475215	78072789084	63642595221	66254491542
1/4 x 18	40	50	66261027923	66261198953	66254492525	66254491543
	60	50	69957347249	78072774684	78072743583	78072771000
	80	50	69957346155	78072703284	78072753075	78072773921
	120	50	66261085071	78072785655	78072773764	78072773763
1/2 x 18	40	50	69957398021	78072766018	66254444193	78072727561
	60	50	69957398022	78072718704	78072728569	78072727560
	80	50	69957398023	78072718705	78072728568	78072727559
	120	50	66261041384	78072718706	78072728567	78072727558
3/4 x 18	40	50	69957398027	78072762476	66254492526	78072781797
	60	50	69957398028	78072745691	78072709590	78072739966
	80	50	69957398029	78072756309	78072758953	78072732289
20-1/2" BELTS						
3/4 x 20-1/2	40	50	69957398030	78072714398	66254457869	78072727573
	50	50	69957344982	78072718714	66254492527	66254491544
	60	50	69957398031	78072718715	78072728560	78072727571
	80	50	69957398032	78072718716	78072728559	78072727570
	100	50	66261055516	78072771151	66261038911	78072727569
	120	50	66261044755	78072727380	78072728557	78072727575



AVAILABILITY



TIER:	BEST	BEST	BETTER	GOOD
BRAND:	Norton	Norton	Norton	Norton
TRADENAME:	SG BLAZE R980P	NORTON SG R981	NORZON R823	METALITE R283
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina	Aluminum Oxide
BACKING:	Y-wt. Polyester	Y-wt. Polyester	X-wt. Polyester	X-wt. Rayon
OTHER:	Supersize			

SIZE (W X L)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
24" BELTS						
1/4 x 24	40	50	66261198631	78072747823	66254473499	66254401929
	60	50	69957345451	78072756534	78072728552	78072727548
	80	50	63642596940	78072718340	78072767713	78072791441
	120	50	66261080367	78072770718	78072728550	78072722137
1/2 x 24	40	50	69957398024	78072760092	66254492528	78072727568
	50	50	66261043757	78072718707	66254452237	78072727567
	60	50	69957398025	78072718708	78072728564	78072727566
	80	50	69957398026	78072718709	78072728566	78072727565
	100	50	66261042203	78072745021	78072753076	66254491545
	120	50	66261042565	78072718710	78072728565	78072727564
1 x 24	40	50	69957350019	66254491531	66254492529	66254491546
	50	50	69957344889	78072710374	66254492530	66254491547
	60	50	69957353375	78072737318	78072798720	66254491548
	80	50	69957345419	78072772209	78072776498	66261085068
	120	50	66261085067	66254491532	78072730029	66261085069
30" BELTS						
1 x 30	40	50	66261053470	78072765229	66254478257	66261189958
	60	50	69957345985	66261198336	78072728583	66254491549
	80	50	69957346105	78072764439	78072728582	78072727579
	120	50	66261193676	78072781197	78072766992	78072727577

ADDITIONAL SIZES, GRITS AND SCALLOPED EDGE BELTS ARE AVAILABLE MTO (MADE-TO-ORDER). PLEASE CONTACT YOUR LOCAL NORTON DISTRIBUTOR TO CHECK AVAILABILITY.

40 AND 50 GRIT NORZON BELTS ARE FURNISHED IN NORZON BLUEFIRE R887 (Y-WT POLYESTER)

JOINTS AND FLEXES – ALL BELTS ARE PG JOINTED; A BUTT JOINT JOINED WITH FLEXIBLE TAPE FOR CONTOUR GRINDING



Non-Woven File Belts

AVAILABILITY



TIER:	BETTER	GOOD
BRAND:	Norton	Norton
TRADENAME:	STE-VS	STE
ABRASIVE:	Aluminum Oxide	Aluminum Oxide

SIZE (W X L)	GRIT SIZE	STD. PKG.	PART NO.	PART NO.
NON-WOVEN FILE BELTS				
1/2 x 18	Coarse	24	66261009048	66261055309
	Medium		66261008814	66261055310
	Very Fine		66261006762	66261055311
1/2 x 24	Coarse	24		66261055312
	Medium		66261008972	66261055313
	Very Fine			66261055314
3/4 x 18	Coarse	24	66261008813*	08834194006
	Medium		66261006546*	08834194007
	Very Fine			08834194008
3/4 x 20-1/2	Coarse	24		08834194009
	Medium			08834194010
	Very Fine			08834194011

*12 PER STANDARD PACKAGE

Norton non-woven file belts are ideal for light finishing, blending, cleaning and polishing applications on all materials.

STE-VS – have a firmer backing and more aggressive cut rate for blending and finishing

STE – have a more conformable backing and more open structure, and are designed for cleaning and polishing