

## FILE BELTS

MACHINE USED



### 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

	<b>BEST</b> Blaze R980P	<b>BEST</b> Norton SG R981	<b>BETTER</b> BlueFire R887P/R823P	<b>GOOD</b> Metalite R283	<b>GOOD</b> Neon R766
<b>NORTON</b>					
<b>3M</b>	984F, 977F	963G, 967F	577F, 777F	241E	363F
<b>Hermes</b>	CR456	–	RB486 44 Z	RB317J, RB316EJ RB303 Flex	SB 378 YR
<b>Klingspor</b>	CS610YY	–	CS411YX, CS 409Y	CS310XF	CS412
<b>SIA</b>	–	–	–	933A, 936A	–
<b>VSM</b>	SK840X, SK750X	–	KK715X	KK711T, KK511J	KK711

### MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

	<b>HEAVY-DUTY</b>		<b>GENERAL-DUTY</b>
	<b>BEST</b> Highest Productivity – Lowest Total Cost.	<b>BETTER</b> Excellent Blend of Performance & Price	<b>GOOD</b> Consistent Performance – Low Initial Price
<b>Carbon Steel</b>	Norton Blaze R980P	Norton BlueFire R887P/R823P	Norton Neon R766
<b>Stainless Steel / Alloys</b>	Norton Blaze R980P	Norton BlueFire R887P/R823P	Norton Neon R766
<b>Cast Iron</b>	Norton Blaze R980P	Norton BlueFire R887P/R823P	Norton Neon R766
<b>Brass/Bronze</b>	–	Norton BlueFire R887P/R823P	Norton Neon R766
<b>Aluminum</b>	–	Norton BlueFire R887P/R823P	Norton Neon R766

### FEATURED PRODUCTS



#### NORTON BLAZE R980P

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

##### FEATURES

- Next-generation cooler cutting Norton SG ceramic alumina grain
- Y-weight 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
- 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

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### FEATURED PRODUCTS



#### NORTON BLUEFIRE R887P/R823P THE BETTER CHOICE FOR STAINLESS AND CARBON STEEL

##### FEATURES

- High-performance, self-sharpening zirconia alumina abrasive
- High-performance resin bond
- Strong Y-weight polyester backing - R887P
- Flexible X-weight polyester backing - R823P

##### BENEFITS

- Industry-leading cut rate and life
- Strong grain adhesion, longer life
- For heavy-duty stock removal applications
- For moderate- to light-pressure applications



#### NORTON NEON R766 THE BETTER CHOICE FOR DIFFICULT-TO-GRIND MATERIALS (ALUMINUM, BRASS, BRONZE, STAINLESS, CARBON STEEL, TITANIUM, ETC.)

##### FEATURES

- Premium abrasive and aluminum oxide blend
- Resin bond system
- Y-weight waterproof polyester backing

##### BENEFITS

- Ideal when purchasing criteria is a good-performing, economically priced, general purpose belt
- Improved edge retention and 30% + improvement in life vs. key competitors
- Withstands light- to moderately-demanding applications
- Extended life on dry grinding applications

### AVAILABILITY



TIER:  
BRAND:  
TRADENAME:  
ABRASIVE:  
BACKING:  
OTHER:

TIER:	BRAND:	TRADENAME:	ABRASIVE:	BACKING:	OTHER:
BEST	Norton	BLAZE R980P	Ceramic Alumina	Y-wt. Polyester	Supersize
BEST	Norton	NORTON SG R981	Ceramic Alumina	Y-wt. Polyester	
BETTER	Norton	BLUEFIRE R887P/R823P	Zirconia Alumina	Y-wt./X-wt. Polyester	
GOOD	Norton	METALITE R283	Aluminum Oxide	X-wt. Rayon	
GOOD	Norton	NEON R766	Premium A/O Blend	Y-wt. Polyester	

SIZE (W x L)	GRIT	STD. PKG.	PART #	PART #	PART #	PART #	PART #
<b>12" Belts</b>							
1/8 x 12	40	50	66254491518	66254491521	66254492520	66254491536	66623390000
	60	50	66254405345	66254491522	66261093029		66623390001
	80	50	66261089479	66254491523	66261093030	66254491537	66623390002
	120	50	66254491519	66254491524	66254491533	66254491538	
1/4 x 12	40	50	66254491520	66254491525		66254491539	66623390003
	60	50	66261196480	78072760823			66623390004
	60	25 ✓			78072758896		
	80	50	66261063617	66254491526	66623373744		
	8	25 ✓			78072782621	78072766143	66623390005
	120	50	66261063632	66254491527	66623373745		
1/2 x 12	40	50	69957398018	66254491528	66254492522	78072727557	66623390006
	50	50	66261043759	78072718700	66254492523	66254491540	66623390007
	60	50	69957398019	78072718701	78072728745	78072727555	66623390008
	60	25 ✓			66623373753		
	80	50	69957398020	78072718702	78072728744	78072727554	66623390009
	80	25 ✓			66623373754		
	100	50	66261081180	66254491529	66254491534	78072727553	
	120	50	66261042909	78072700518	78072728742	78072727552	
120	25 ✓			66623373755			
1 x 12	60	50	66261063641		78072753073	78072773813	66623390010
<b>13" Belts</b>							
3/8 x 13	60	50	69957345359	78072745459	78072740295	78072732112	66623390011
	80	50	69957392150	78072774916	78072736062	78072771323	66623390012
<b>18" Belts</b>							
1/8 x 18	40	50	66254475211		66254492524	66254491541	66623390013
	60	50	66261080010		66254491535		66623390014
	80	50	66261089120	78072789083	78072760595	63642594761	66623390015
	120	50	66254475215	78072789084	63642595221	66254491542	

CONTINUED

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### AVAILABILITY

TIER:	<b>BEST</b>	<b>BEST</b>	<b>BETTER</b>	<b>GOOD</b>	<b>GOOD</b>
BRAND:	Norton	Norton	Norton	Norton	Norton
TRADENAME:	<b>BLAZE R980P</b>	<b>NORTON SG R981</b>	<b>BLUEFIRE R887P/R823P</b>	<b>METALITE R283</b>	<b>NEON R766</b>
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina	Aluminum Oxide	Premium A/O Blend
BACKING:	Y-wt. Polyester	Y-wt. Polyester	Y-wt./X-wt. Polyester	X-wt. Rayon	Y-wt. Polyester
OTHER:	Supersize				



SIZE (W x L)	GRIT	STD. PKG.	PART #	PART #	PART #	PART #	PART #
<b>18" Belts (continued)</b>							
1/4 x 18	40	50	66261027923	66261198953	66254492525	66254491543	66623390016
	60	50	69957347249	78072774684	78072743583	78072771000	66623390017
	60	25 <b>V</b>			66623373747		
	80	50	69957346155	78072703284	78072753075	78072773921	66623390018
	80	25 <b>V</b>			66623373748		
	120	50	66261085071	78072785655	78072773764		
120	25 <b>V</b>			66623373749			
1/2 x 18	40	50	69957398021	78072766018	66254444193	78072727561	66623390019
	60	50	69957398022	78072718704	78072728569	78072727560	66623390020
	60	25 <b>V</b>			66623373756		
	80	50	69957398023	78072718705	78072728568	78072727559	66623390021
	80	25 <b>V</b>			66623373757		
	120	50	66261041384	78072718706	78072728567	78072727558	
120	25 <b>V</b>			66623373758			
3/4 x 18	40	50	69957398027	78072762476	66254492526	78072781797	66623390022
	60	50	69957398028	78072745691	78072709590	78072739966	66623390023
	60	25 <b>V</b>			66623373762		
	80	50	69957398029	78072756309	78072758953	78072732289	66623390024
	80	25 <b>V</b>			66623373763		
	120	25 <b>V</b>			66623373764		
<b>20-1/2" Belts</b>							
3/4 x 20-1/2	40	50	69957398030	78072714398	66254457869	78072727573	66623390025
	50	50	69957344982	78072718714	66254492527	66254491544	66623390026
	60	50	69957398031	78072718715	78072728560	78072727571	66623390027
	60	25 <b>V</b>			66623373765		
	80	50	69957398032	78072718716	78072728559	78072727570	66623390028
	80	25 <b>V</b>			66623373766		
	100	50	66261055516	78072771151	66261038911	78072727569	
	120	50	66261044755	78072727380	78072728557	78072727575	
120	25 <b>V</b>			66623373767			
<b>24" Belts</b>							
1/4 x 24	40	50	66261198631	78072747823	66254473499	66254401929	66623390029
	60	50	69957345451	78072756534	78072728552	78072727548	66623390030
	60	25 <b>V</b>			66623373750		
	80	50	63642596940	78072718340	78072767713	66261085068	66623390031
	80	25 <b>V</b>			66623373751		
	120	50	66261080367	78072770718	78072728550	66261085069	
120	25 <b>V</b>			66623373752			
1/2 x 24	40	50	69957398024	78072760092	66254492528	78072727568	66623390032
	50	50	66261043757	78072718707	66254452237	78072727567	66623346910
	60	50	69957398025	78072718708	78072728564	78072727566	66623390033
	60	25 <b>V</b>			66623373759		
	80	50	69957398026	78072718709	78072728566	78072727565	66623390034
	80	25 <b>V</b>			66623373760		
	100	50	66261042203	78072745021	78072753076	66254491545	
	120	50	66261042565	78072718710	78072728565	78072727564	
120	25 <b>V</b>			66623373761			
1 x 24	40	50	69957350019	66254491531	66254492529	66254491546	66623390035
	50	50	69957344889	78072710374	66254492530	66254491547	66623390036
	60	50	69957353375	78072737318	78072798720	66254491548	66623390037
	80	50	69957345419	78072772209	78072776498	66261085068	66623334206
	120	50	66261085067	66254491532	78072730029	66261085069	
<b>30" Belts</b>							
1 x 30	40	50	66261053470	78072765229	66254478257	66261189958	66623390038
	60	50	69957345985		78072728583	66254491549	66623390039
	80	50	69957346105	78072764439	78072728582	78072727579	66623390040
	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 BLUEFIRE BELTS ARE FURNISHED IN BLUEFIRE R887 (Y-WT POLYESTER); 60-120 GRITS ARE SUPPLIED IN BLUEFIRE R823P (X-WT. POLYESTER). JOINTS AND FLEXES - ALL BELTS ARE PG JOINTED; A BUTT JOINT JOINED WITH FLEXIBLE TAPE FOR CONTOUR GRINDING.

**V** = VENDIBLE PACKAGE. IDEAL FOR VENDING MACHINES AND SMALL JOBS. 5 BELTS PER PACK / 5 PACKS PER CARTON. ORDER IN MULTIPLES OF 25.