



Portable file belt sanders have replaced tedious hand filing and sanding. First introduced in pneumatic, they are now also available in electric. Increasingly, tool manufacturers are introducing additional fixtures for additional 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

Machine Used:



CROSS REFERENCE GUIDE

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

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 Blaze R980P	Norton BlueFire R887P/R823P	Norton R766
Stainless Steel / Alloys	Norton Blaze R980P	Norton BlueFire R887P/R823P	Norton R766
Cast Iron	Norton Blaze R980P	Norton BlueFire R887P/R823P	Norton R766
Brass/Bronze	–	Norton BlueFire R887P/R823P	Norton R766
Aluminum	–	Norton BlueFire R887P/R823P	Norton R766

NORTON BLAZE R980P CERAMIC ALUMINA

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
- Excellent body-retention for more consistent grinding throughout belt life
- Significantly improved belt life due to exceptional grain adhesion
- Cooler cutting throughout the life of the belt
- Improved part finish and integrity

NORTON BLUEFIRE R887/R823P ZIRCONIA ALUMINA

THE BETTER CHOICE FOR STAINLESS AND CARBON STEEL

FEATURES & BENEFITS

- High-performance, self-sharpening zirconia alumina abrasive for industry-leading cut rate and life
- High-performance resin bond provides strong grain adhesion, longer life
- Strong Y-weight polyester backing - R887P for heavy-duty stock removal applications
- Flexible X-weight polyester backing - R823P for moderate- to light-pressure applications



VENDIBLE

NORTON R766 ALUMINUM OXIDE

GOOD CHOICE FOR DIFFICULT-TO-GRIND MATERIALS (ALUMINUM, BRASS, BRONZE, STAINLESS, CARBON STEEL, TITANIUM, ETC.)

FEATURES & BENEFITS

- Premium aluminum oxide abrasive blend is ideal when purchasing criteria is a good-performing, economically priced, general purpose belt
- Resin bond system provides good edge retention and life versus key competitors
- Y-weight waterproof polyester backing withstands light- to moderately-demanding applications and provides extended life on dry grinding applications



							
		BEST		BEST	BETTER	GOOD	GOOD
		Norton		Norton	Norton	Norton	Norton
		BLAZE R980P		NORTON SG R981	BLUEFIRE R887/R823P+	R766	METALITE R283
		Ceramic Alumina		Ceramic Alumina	Zirconia Alumina	Aluminum Oxide Blend	Aluminum Oxide
		Y-Weight Polyester		Y-Weight Polyester	Y- or X-Weight Polyester	Y-Weight Polyester	X-Weight Rayon
		OTHER: Supersize		Supersize			
SIZE (W x L)	GRIT	STD. PKG.	PART #	PART #	PART #	PART #	PART #
12" Belts							
1/8 x 12	40	50	66254491518		66254492520	66623390000	66254491536
	60	50	66254405345	66254491522	66261093029	66623390001	
	80	50	66261089479	66254491523	66261093030	66623390002	66254491537
	120	50	66254491519	66254491524	66254491533		66254491538
1/4 x 12	40	50	66254491520	66254491525		66623390003	66254491539
	60	50	66261196480		78072758896	66623390004	
	80	50	66261063617	66254491526	78072782621	66623390005	78072766143
	120	50	66261063632	66254491527	78072782622		78072763175
1/2 x 12	40	50	69957398018	66254491528	66254492522	66623390006	78072727557
	50	50	66261043759	78072718700	66254492523	66623390007	66254491540
	60	50	69957398019	78072718701	78072728745	66623390008	78072727555
	60	25 V			66623373753		
	80	50	69957398020	78072718702	78072728744	66623390009	78072727554
	80	25 V			66623373754		
	100	50	66261081180	66254491529	66254491534		78072727553
	120	50	66261042909	78072700518	78072728742		78072727552
1 x 12	120	25 V			66623373755		
	60	50	66261063641		78072753073	66623390010	78072773813
13" Belts							
3/8 x 13	60	50	69957345359	78072745459	78072740295	66623390011	78072732112
	80	50	69957392150	78072774916	78072736062	66623390012	78072771323
18" Belts							
1/8 x 18	40	50	66254475211		66254492524	66623390013	66254491541
	60	50	66261080010		66254491535	66623390014	
	80	50	66261089120	78072789083	78072760595	66623390015	
	120	50	66254475215	78072789084	63642595221		

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 – 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.

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