

NORTON

NORZON BLUEFIRE ZIRCONIA ALUMINA BELTS

Foundry

Investment Castings

Metal Fabrication

Industrial Manufacturing

Wood/Floor Sanding

NEW



Performance on Fire!

Our new NorZon BlueFire belts raise your zirconia alumina grinding to the industry's next level. No other zirconia alumina belt will give you the performance-to-price ratio and long life that these belts will with their improved bond, backing, and consistency.

NorZon BlueFire R887 for foundry, investment castings, and metal fabrication.

NorZon BlueFire R884 for foundry, primary metal, and wood/floor sanding.



FEATURES

- Premium, versatile, self-sharpening zirconia alumina abrasive
- New grain coating
- Improved Y-wt. polyester backing
- Upgraded resin bond
- Enhanced grinding aid in R887
- No super sizing on R884

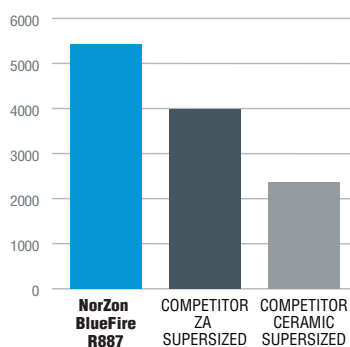
BENEFITS

- Resists dulling
- Ideal for a wide range of applications and materials
- Longer life and faster cut rate
- More durable; stands up to demanding applications: high-pressure and hard-to-grind exotic alloys
- Improvement in base adhesion, reduced grain shedding
- Cool cutting
- The choice for grinding exotic alloys (titanium, etc.), forged and stainless steel
- Minimal loading
- Excels on soft metals (aluminum, brass, and bronze) and wood, as well as stainless steel and carbon steel

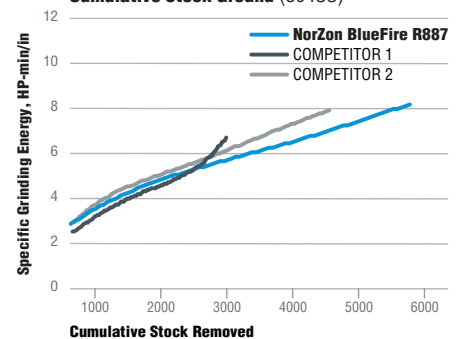
www.nortonabrasives.com



304 SS Stock Removal



Specific Grinding Energy vs. Cumulative Stock Ground (304SS)



NORZON BLUEFIRE ZIRCONIA ALUMINA BELTS

Harness the Cool-Cutting Heat!

NEW

Using this next generation of zirconia alumina belts will make fast work of your demanding applications while increasing your productivity and lowering your total grinding costs.

Non-Stock Narrow and Wide Belt Availability

	GRIT RANGE	BACKING	STD. FLEX	OPTIONAL FLEX	STD. JOINT	OPTIONAL JOINT
R887 SUPERSIZED	24, 36, 40, 50, 60, 80, 100, 120	Y-WT. POLYESTER	RR	LF	PLYWELD	NORLOK, 50 & FINER
R884	24, 36, 40, 50, 60, 80	Y-WT. POLYESTER	RR	LF	PLYWELD	NORLOK, 50 & FINER

All NorZon BlueFire belt products are non-stock items at this time.

The popular-size non-stock UPCs below have been created to help you easily order. Numerous other sizes and grits are available.

GRIT	1/2 X 18	1 X 24	2 X 72	2 X 132	3 X 90	3 X 132
R887						
24	–	–	66254444199	66254444203	66254444206	66254441783
36	66254444192	66254444196	66254444200	66254441077	66254444207	66254436757
40	66254444193	–	–	–	–	–
60	66254444194	66254444197	66254444201	66254444204	66254444208	66254444212
80	66254444195	66254444198	66254444202	66254444205	–	66254444213
120	–	66254444506	66254444507	66254444508	–	–
R884						
24	–	–	66254444181	66254444185	66254444189	66254444209
36	66254444174	66254444178	66254444182	66254444186	66254444190	66254436758
40	66254444175	–	–	–	–	–
60	66254444176	66254444179	66254444183	66254444187	66254444191	66254444210
80	66254444177	66254444180	66254444184	66254444188	–	66254444211



NorZon BlueFire case history

6-4 TITANIUM

PRODUCT: NorZon BlueFire R887 versus previous-generation NorZon Plus R801 and R824 2" x 132" 40 grit belts

APPLICATION: Offhand grinding of parting lines and flashing from a mold operation

MACHINE: 5 hp floorstand belt grinder

CONTACT WHEEL: 10" serrated rubber, 80 Durometer, 1:1, L:G

RPM: 1,155; SFPM = 3,022

RESULTS: **R887 ground 16 parts, R801 ground 11 parts & R824 ground 9 parts**
R887 had a 45% improvement in total parts ground vs. R801, and 78% improvement vs. R824

C-9 STEEL INVESTMENT CASTINGS

PRODUCT: NorZon BlueFire R887 36 grit versus key competitor's 36 grit Z/A supersized 3" x 132" belt

APPLICATION: Offhand grinding of gates and parting lines on large castings

MACHINE: 5 hp floorstand belt grinder

CONTACT WHEEL: 12" serrated rubber, 90 Durometer, 1:1, L:G

RPM: 1795; SFPM = 5636

RESULTS: **R887 had a 33% improvement in total parts ground vs. the competitive product**

BETTER

For most abrasive applications, Norton offers up to three product performance levels – GOOD, BETTER and BEST. NorZon BlueFire grinding belts are in the BETTER tier. They represent superior performing products for the user who requires a high level of productivity and low total abrasive cost.

To put Norton abrasives to work for you, call your local Norton distributor or visit our website at www.nortonabrasives.com to view our online catalog and learn about our latest products and applications.



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