

NORTON

NORAX U936 NORTON SG CERAMIC ENGINEERED ABRASIVE BELTS

Wet
Centerless

Flat
Finishing

Foundry

Investment
Cast

Metal
Fab

Industrial
Manufacturing

The First Norton SG Ceramic NORaX Engineered Abrasive Belt

100% Norton SG ceramic grain, unique engineered quad pattern, premium Y-weight polyester cloth waterproof backing, and durable resin bond technology, make this first NORaX ceramic belt the best choice for high-pressure precision applications.



FEATURES

- 100% high-performance, micron-graded Norton SG ceramic grain
- Unique, engineered quad pattern
- Premium, Y-weight polyester cloth waterproof backing
- High-performance, durable resin bond technology
- Excellent choice on multi-head machines
- Available in coarse and medium grits: X200 (P80), X100 (P150) and X65(P220)

BENEFITS

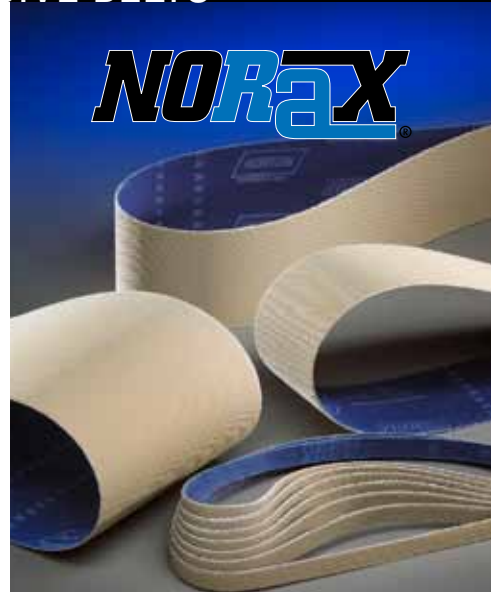
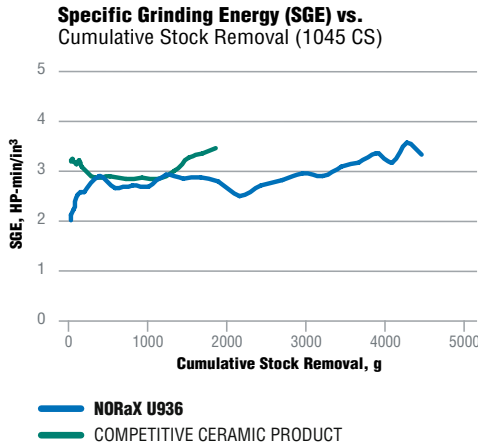
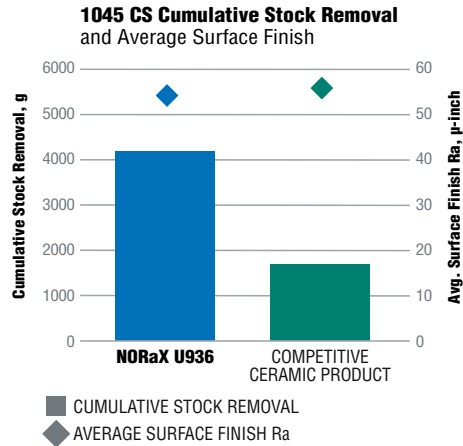
- Higher cut rates while maintaining more consistent finishes, cool cutting
- Up to more than 2X the life vs. competitive engineered ceramic belts
- Lower specific grinding energy
- More abrasive contact area makes this ideal for high-pressure applications
- No “break-in” period as with competitive engineered ceramic belts
- Durable; stands up to high-pressure, coolant applications
- Minimal, consistent wear across belt results in consistent part finishing (reduces barber pole effect)
- Reduced downtime, belt changes, and scrap; improved productivity
- Lower cost per part
- Ideal grit range for dimensioning centerless and similar applications
- Excellent finishing belt to follow a Norton SG BLAZE Plus R980P belt in a multi-step process

www.nortonabrasives.com

NORaX
ENGINEERED ABRASIVES®

NORAX U936 NORTON SG CERAMIC ENGINEERED ABRASIVE BELTS

The Best Choice for High-Pressure Precision Applications



NORaX U936 case histories

10V45 CARBON STEEL

BELTS: 9" x 120" X100 and X65 grit NORaX U936 vs. competitive engineered ceramic belts

APPLICATION: Centerless grinding hydraulic cylinders after heat treat

MACHINE: 6-head, 40 hp centerless grinder

CONTACT WHEEL: 12.5" dia. 90D 2/1 serrated (X100) – 90D smooth (X65)

RPM: 1,925 RPM; SFPM = 6,300

RESULTS: **NORaX belts ran 69 parts; the competitive belt ran 32 parts**

STAINLESS STEEL AIRFOILS

BELTS: NORaX U936 X100 vs. competitive engineered ceramic X100 belt

APPLICATION: Automatic polishing after milling

MACHINE: 6-axis belt grinder

CONTACT WHEEL: 4.7" dia. 45D 2/1 serrated

RPM: 3,024; SFPM = 3,720

RESULTS: **NORaX U936 had twice the life of the competitive belt. The NORaX belt finished the entire airfoil (front and back). The competitive belt finished only the front.**

NORaX U936 Availability

All NORaX U936 belts are non-stock items at this time. The popular-size non-stock UPC numbers shown here have been created to help you easily order. Numerous other sizes and grits are available. Contact your distributor with your specific requirements.

SIZE W X L	UPC NO. X200	UPC NO. X100	UPC NO. X65
1/2" x 18"	66254475241	66254475242	66254475243
2" x 132"	66254475244	66261094281	66254412716
3" x 132"	66254405123	66254405122	66254405121
6" x 132"	66254475245	66254475246	66254474196
6" x 138"	66254475247	66261095723	66261095724
9" x 120"	66254414738	66254414738	66254414739

STANDARD FLEX = CF / OPTIONAL FLEX = LF / STANDARD JOINT (ONLY) = PLYWELD

BEST

For most abrasive applications, Norton offers up to three product performance levels – GOOD, BETTER and BEST. NORaX U936 Norton SG belts are in the BEST tier. They represent products that are unmatched in the industry and provide the lowest total cost for the application.

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.



HEADQUARTERS:
Saint-Gobain Abrasives, Inc.
 Industrial Sales
 PO Box 15008, 1 New Bond Street
 Worcester, MA 01615-0008
www.nortonabrasives.com

U.S. CUSTOMER SERVICE:
 Phone Toll Free: 1 800 551-4413
 Fax Toll Free: 1 800 551-4416
 Local Phone: (254) 918-2313
 Local Fax: (254) 918-2314

CANADA CUSTOMER SERVICE:
 Phone Toll Free: 1 800 263-6565
 Fax Toll Free: 1 800 561-9490

engineering for gold

Primary Sponsor of
 USA Luge Team



© Saint-Gobain Abrasives, Inc. July 2010
 Norton, Norton SG, Norton SG Blaze, NORaX and Plyweld are registered trademarks of Saint-Gobain Abrasives, Inc.

FORM #8239

