

**NORTON**

SAINT-GOBAIN

# VORTEX RAPID BLEND NON-WOVEN QUICK-CHANGE DISCS

Edge Deburring | Blending Machine Marks  
on Titanium | High Nickel Alloys  
Steels | Aluminum | Composite

**NEW**

**Outperform all surface blending discs**  
with our new aggregate grain and 3D construction.

**VORTEX**  
technology**FEATURES**

- Proprietary Vortex aluminum oxide aggregate grain
- Special resin chemistry
- 3D construction: abrasive is distributed throughout the entire disc (top, bottom and side)

**BENEFITS**

- Performs the medium and very-fine grit steps of traditional discs in an easy one-step operation
- Resists shedding when used on sharp edges, making it ideal for deburring
- All three faces can be used – versus competitive discs' one bottom layer of abrasive
- Disc can be used down to the button, with consistent cut rate throughout entire thickness and life
- 3 - 8 times the life of competitive surface blending discs
- Fewer safety, ergonomic, and environmental issues due to fewer change-outs, less downtime, and less production waste/landfill scrap
- No smearing because edge has no scrim; competitors' scrimmed discs can smear
- Conformable disc edge

## Availability

SIZE (D x T)	ABRASIVE/GRIT	MAX. RPM	STD. PKG.	PART NUMBER	
				TR (TYPE III)	TS (TYPE II)
1 x 1/4	Aluminum Oxide/Medium	35,100	100	66254497806 NS	
1-1/2 x 1/4	Aluminum Oxide/Medium	30,100	80	66254497807 NS	
2 x 1/4	Aluminum Oxide/Medium	22,100	25	66254497067	66254497070
3 x 1/4	Aluminum Oxide/Medium	18,100	25	66254497068	66254497069

Ask your abrasive representative for Norton quick-change disc back-up pads to maximize the performance of these discs. NS = Non-stock

**Blend in  
3D****TOP****BOTTOM****SIDE****TECHtip**

Use with a 1" back-up pad to allow use of the top surface of the disc and allow the disc to conform to contours.

[www.nortonabrasives.com](http://www.nortonabrasives.com)

NEW

# VORTEX RAPID BLEND NON-WOVEN QUICK-CHANGE DISCS



## Case Histories

### ALUMINUM

**APPLICATION:** Coating removal on aluminum surrounding helicopter windows  
**MACHINE:** Pneumatic angle grinder  
**NORTON PRODUCT:** 2" Vortex Rapid Blend quick-change TR discs  
**COMPETITIVE PRODUCT:** Competitive 2" aluminum oxide medium grit surface blending discs

Vortex Rapid Blend discs had up to 8x the life of the competitive discs

**RESULTS:**

<u>Annualized Savings</u>	<u>Application</u>
\$47,834	B-1/2 removal around rivets
\$71,245	B-1/2 and silicone removal; refurbishing
\$225,833	B-1/2 removal, no rivets

### COMPOSITE

**APPLICATION:** Flash removal / edge breaking on composite automotive components  
**MACHINE:** Pneumatic angle grinder  
**NORTON PRODUCT:** 2" Vortex Rapid Blend quick-change TR discs  
**COMPETITIVE PRODUCT:** Competitive 2" aluminum oxide medium grit surface blending discs

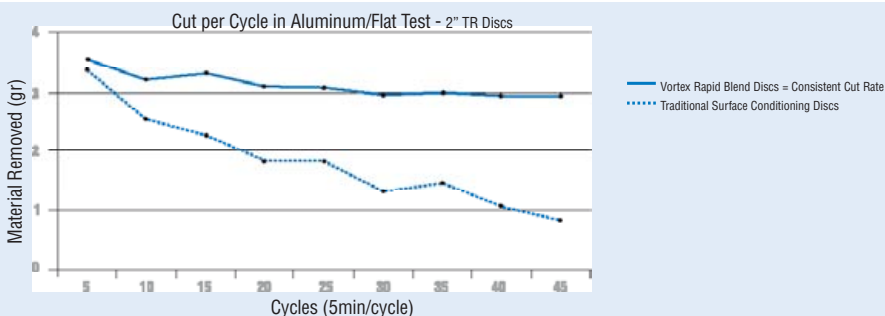
**RESULTS:**

- Vortex Rapid Blend disc outlasted the competitive disc 5:1
- Lasted a long time as we can use the disc all the way to the button
- Blended and finished parts in half the time

### TITANIUM

**APPLICATION:** Deburring titanium window frame (structural)  
**MACHINE:** Pneumatic angle grinder  
**NORTON PRODUCT:** 3" Vortex Rapid Blend quick-change TR discs  
**COMPETITIVE PRODUCT:** Competitive 3" aluminum oxide medium grit surface blending discs

**RESULTS:** Vortex Rapid Blend discs produced a clean finish with no smear, and had a better cut rate vs. the competitive discs. Outlasted the competition 10:1, finishing one part with one disc vs. using 10 competitive discs to finish one part.



## BEST

For most abrasive applications, Norton offers up to three product performance levels – GOOD, BETTER and BEST. Vortex Rapid Blend quick-change discs 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](http://www.nortonabrasives.com) to view our online catalog and learn about our latest products and applications.



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



**CLICK HERE TO SEE THE SUPERIOR-PERFORMING VORTEX RAPID BLEND QUICK-CHANGE DISCS IN ACTION**



**FORM #8302**  
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