Grindwell Norton offers a complete line of high performance fibre discs that are designed to give optimal cut rate, finish and life. To meet the challenge of increasing productivity and lowering costs, Grindwell Norton offers the following types of fibre discs:

- **Norton ZirKon F822**
- **Norton AlKon Gold F224**
- **Norton SilKon Wood-working F422 and F424**

These fibre discs incorporate a strong resin bond system with a heavy duty vulcanized fibre backing in their design for increased strength, durability and tear resistance. Norton fibre discs are designed for a consistent cut rate and uniform finish throughout their operating life.
COATED ABRASIVES

## NORTON ZirKon Fibre Discs

These premium fibre discs offer the customer unparalleled performance in applications wherever rapid material removal is required.

### Typical Applications
- Automotive Weld Shops
  - Weld & Braze Blending
  - Metal Mismatch
- Heavy Fabrication (Vessels, Heat Exchangers)
  - Weld Blending
  - Cladding Burr removal
  - Gas Cut Surface Blending
- Automotive Machine Shops
  - Gear De-burring

### Features
- Primary Auto
- Auto After
- Metal Fabrication
- Furniture & Decorative

### Benefits
- High cut rate
- Long lasting
- Cooler cuttig
- Tear resistant
- No breakage during operation
- Uniform surface finish
- Minimal grain shedding

### Stock Availability Table

**Zirkon Coated Discs (Fibre Backed) “ZC” Series**

<table>
<thead>
<tr>
<th>SIZE DIA X BORE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STD. PKG.</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 x 22.23</td>
<td>24</td>
<td>F822</td>
<td>100</td>
<td>ZC 1</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>36</td>
<td>F822</td>
<td>100</td>
<td>ZC 2</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>60</td>
<td>F822</td>
<td>100</td>
<td>ZC 3</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>80</td>
<td>F822</td>
<td>100</td>
<td>ZC 9</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>120</td>
<td>F822</td>
<td>100</td>
<td>ZC 10</td>
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<tr>
<td>125 x 22.23</td>
<td>24</td>
<td>F822</td>
<td>100</td>
<td>ZC 21</td>
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<tr>
<td>125 x 22.23</td>
<td>36</td>
<td>F822</td>
<td>100</td>
<td>ZC 22</td>
</tr>
<tr>
<td>125 x 22.23</td>
<td>60</td>
<td>F822</td>
<td>100</td>
<td>ZC 23</td>
</tr>
<tr>
<td>100 x 16.00</td>
<td>24</td>
<td>F822</td>
<td>100</td>
<td>ZC 31</td>
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<tr>
<td>100 x 16.00</td>
<td>36</td>
<td>F822</td>
<td>100</td>
<td>ZC 32</td>
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<tr>
<td>100 x 16.00</td>
<td>60</td>
<td>F822</td>
<td>100</td>
<td>ZC 33</td>
</tr>
</tbody>
</table>

**Zirkon Peripheral Coated Discs (Fibre Backed) “ZC” Series**

<table>
<thead>
<tr>
<th>SIZE DIA X BORE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STD. PKG.</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 x 22.23</td>
<td>24</td>
<td>F822</td>
<td>100</td>
<td>ZC 4</td>
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<td>180 x 22.23</td>
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<td>60</td>
<td>F822</td>
<td>100</td>
<td>ZC 6</td>
</tr>
</tbody>
</table>

**Notes:**
- Fully coated discs will have an uncoated portion of 70 mm dia at the centre.
- Peripheral coated discs will have an uncoated portion of 90mm dia at the centre.
NORTON alKon Gold Fibre Discs

NORTON alKon Gold Fibre Discs are the best suited for applications where surface finish is important and the grinding pressures are low.

**TYPICAL APPLICATIONS**
- 2 Wheeler Automotive Weld Shops
  - Fuel tank weld seam blending
- Aluminium Castings
  - Deburring & flash removal
- Light Fabrication
  - Weld blending
- Wood Working
  - Flat stock finishing (post planning) & chamfering

**STOCK AVAILABILITY TABLE**

<table>
<thead>
<tr>
<th>SIZE DIA x BORE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STD. PKG.</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 x 22.23</td>
<td>24</td>
<td>F224</td>
<td>100</td>
<td>C 1</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>36</td>
<td>F224</td>
<td>100</td>
<td>C 2</td>
</tr>
<tr>
<td>180 x 22.23</td>
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<td>F224</td>
<td>100</td>
<td>C 3</td>
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<td>C 21</td>
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<td>C 26</td>
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<tr>
<td>100 x 16.00</td>
<td>120</td>
<td>F224</td>
<td>100</td>
<td>C 36</td>
</tr>
</tbody>
</table>

**Note:** For light duty applications, special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton dealer for any special requests.
NORTON silKon-Wood Working fibre discs

NORTON silKon Fibre Discs are the best suited for wood working applications.

**Typical Applications**

- Wood Furniture & Handicrafts
  - Flat stock surface preparation (post planning)
  - Edge blending/chamfering of flat stock components

- Flat Glass
  - Edge finishing

**NORTON silKon Fibre Discs**

**Features**

- Premium Silicon Carbide abrasive
- High strength backing
- Unique coating process

**Benefits**

- Consistent cut rate
- Uniform high quality surface finish
- Tear resistant
- No breakage during operation
- Cooler cutting. No burn marks
- Resistant to loading (clogging)

**Stock Availability Table**

<table>
<thead>
<tr>
<th>SIZE DIA X BORE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STD. PKG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 x 22.23</td>
<td>36</td>
<td>F422</td>
<td>100</td>
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<tr>
<td>180 x 22.23</td>
<td>80</td>
<td>F424</td>
<td>100</td>
</tr>
<tr>
<td>180 x 22.23</td>
<td>120</td>
<td>F424</td>
<td>100</td>
</tr>
</tbody>
</table>

**Note:** Special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton representative or dealer for any special requests.
Cloth Discs

Grindwell Norton offers a wide range of PSA (pressure sensitive adhesive) and Speed-Grip (Velcro) backed cloth discs that are used in a wide array of applications across several industry segments.

These discs are typically used on the following machines –
- Rotary right angle sanders with PSA or Velcro back up pads
- Random orbital sanders or Dual action sanders with PSA or Velcro back up pads
- Stationary rotary machines for off-hand finishing of components

NORTON ZirKon
R809 & R824
Cloth Discs

### TYPICAL APPLICATIONS
- Automotive Body & Press Shops
  - Rotary & orbital sanding (Blending of welds & defects)
- Car Re-finishing Garages
  - Stripping primer and paint
- Bus body building, railway coaches
  - Orbital sanding of base sheet metal

### PRODUCT OFFERINGS
- NORTON ZirKon R809 & R824
- NORTON alKon Premium R209
- NORTON alKon R265

### FEATURES & BENEFITS

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premium Zirconia Alumina grain</td>
<td>Long life</td>
</tr>
<tr>
<td>Premium poly-cotton backing</td>
<td>Consistent cut rate</td>
</tr>
<tr>
<td>Optimised grain coating</td>
<td>Tear resistance</td>
</tr>
<tr>
<td>Available in PSA / Velcro backing</td>
<td>Cool cutting</td>
</tr>
<tr>
<td></td>
<td>Resistant to loading</td>
</tr>
<tr>
<td></td>
<td>For use with portable sanders</td>
</tr>
</tbody>
</table>
NORTON alKon Premium R209 Cloth Discs

**Typical Applications**
- Automotive Body & Press Shops
  - Rotary & orbital sanding (Blending of welds & defects)
- Furniture
  - Orbital sanding for finishing flat stock wood components

**Features & Benefits**
- Treated Aluminium Oxide grain
- Consistent cut rate
- Premium poly-cotton backing
- Uniform high quality surface finish
- Optimized grain coating
- Tear resistance
- Available in PSA / Velcro backing
- Cool cutting
- Resistant to loading
- For use with portable sanders

**Stock Availability Table**

<table>
<thead>
<tr>
<th>SIZE DIA X BORE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>355 x 40</td>
<td>36</td>
<td>R209</td>
<td>CD 31</td>
</tr>
<tr>
<td>355 x 40</td>
<td>60</td>
<td>R209</td>
<td>CD 32</td>
</tr>
</tbody>
</table>

**Notes:**
- Discs with other dimensions are also available.
- Special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton representative or dealer for any special requests.
Grindwell Norton offers the following range of world-class PSA (pressure sensitive adhesive) and Speed-Grip (Velcro) backed paper discs.

**PRODUCT OFFERINGS**
- NORTON SG H920 paper discs
- NORTON Adalox Anti-static H231 & H189 paper discs
- NORTON No-Fil A275 paper discs
- NORTON Adalox A270 paper discs

These discs are normally used on rotary right angle & random orbital (dual action) sanders with PSA or Velcro back up pads.

**NORTON SG H920 Paper Discs**

<table>
<thead>
<tr>
<th>Industry</th>
<th>Primary Auto</th>
<th>Auto After</th>
<th>Composites &amp; Rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Direct Use</td>
<td>Probable Use</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPICAL APPLICATIONS**
- Fibre-glass composites (Wind mill blades)
  - Finishing post molding
- Automotive body & press shops
  - Weld, braze and defect blending
- Furniture
  - Finishing of flat stock components

**NORTON SG H920 PAPER DISCS**

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premium Seeded Gel abrasive grain</td>
<td>Long life</td>
</tr>
<tr>
<td>F-Wt. heavy paper backing</td>
<td>Cool cutting</td>
</tr>
<tr>
<td>Available in Velcro backing</td>
<td>High &amp; consistent cut rate</td>
</tr>
<tr>
<td></td>
<td>Tear resistance</td>
</tr>
<tr>
<td></td>
<td>Ability to withstand high pressure</td>
</tr>
<tr>
<td></td>
<td>For use with portable machines</td>
</tr>
</tbody>
</table>
COATED ABRASIVES

PAPER DISCS

NORTON ADAŁOX
Antistatic H231
Paper Discs

FEATURES
- Friable White Aluminium Oxide grain
- Uniform ESU coating
- Open Kote & Antistatic
- Heavy weight paper
- Resin bond
- Available in Velcro backing

BENEFITS
- Fine finishes and long life
- Scratch-free finish
- Less loading
- Strength to resist tearing
- Heat resistant
- For use with portable machines

TYPICAL APPLICATIONS
- Car Re-finishing Garages
  - Stripping primer and paint using a random orbital or rotary sander
- Fibre-glass composites (Wind mill blades)
  - Finishing post molding
- Furniture
  - Finishing of flat stock components

STOCK AVAILABILITY TABLE
NORTON ADAŁOX A231 Discs

<table>
<thead>
<tr>
<th>SIZE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>355 x 40</td>
<td>40</td>
<td>H231</td>
<td>PD 1031</td>
</tr>
<tr>
<td>355 x 40</td>
<td>60</td>
<td>H231</td>
<td>PD 1032</td>
</tr>
</tbody>
</table>

NORTON ADAŁOX H231 PAPER DISCS

NORTON ADAŁOX
Antistatic H189
Paper Discs

FEATURES
- Friable White Aluminium Oxide grain
- Uniform ESU coating
- Close Kote & Antistatic
- Heavy weight paper
- Resin bond
- Available in Velcro backing

BENEFITS
- Fine finishes and long life on wood
- Scratch-free finish
- Less loading
- Strength to resist tearing
- Heat resistant
- For use with portable machines

TYPICAL APPLICATIONS
- Car Re-finishing Garages
  - Preparing primed and painted surfaces
- Fibre-glass composites (Wind mill blades)
  - Finishing post molding
- Furniture
  - Finishing of flat stock components

STOCK AVAILABILITY TABLE
NORTON ADAŁOX A231 Discs

<table>
<thead>
<tr>
<th>SIZE</th>
<th>GRIT</th>
<th>CAP CODE</th>
<th>STOCK LIST NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>355 x 40</td>
<td>40</td>
<td>H231</td>
<td>PD 1031</td>
</tr>
<tr>
<td>355 x 40</td>
<td>60</td>
<td>H231</td>
<td>PD 1032</td>
</tr>
</tbody>
</table>
NORTON No-Fil
A275 Paper Discs

No-Fil A275 discs offer the highest cut-rate and life among all Nofil products. No-Fil coating gives superior resistance to loading.

### Typical Applications
- Automotive paint shops
  - Preparing primed and painted surfaces
- Fibre-glass surfaces (Wind mill blades)
  - Preparing surface for painting
- Furniture
  - Finishing of flat stock components

### Features & Benefits
- Premium Aluminum Oxide grains
- Non loading treatment
- Available in PSA & Velcro backing
- Available in a grit range of 80 – 800
- Superior cut-rate and life
- Good results in sanding of loading materials
- For use with portable machines
- For use in rough to very fine finishing applications

---

NORTON ADALOX A270 Discs

### Typical Applications
- Automotive paint shops
  - Preparing primed and painted surfaces
- Fibre-glass surfaces (Wind mill blades)
  - Preparing surfaces for painting
- Furniture
  - Finishing of flat stock components

### Features & Benefits
- Premium Heat treated Aluminum Oxide grains
- High Strength B-Wt. Latex backing
- Available in PSA & Velcro backing
- Available in a grit range of 80 – 800
- Fast aggressive cutting action; consistent finish
- Superior strength and Tear resistant flexible backing
- Can be used wet
- For use with portable machines
- For use in rough to very fine finishing applications
Film Backed Discs

Norton film discs are made with a high strength polyester film backing and micron-graded aluminum oxide grain for fast cutting and consistent finish to help you achieve superior finishing of acrylic solid surfaces.

PRODUCT OFFERINGS

- NORTON Q130 No-Fil Polyester Film Discs
- NORTON Q132 Polyester Film Discs

NORTON Q130 No-Fil Polyester Film Discs

DESCRIPTION

- Premium micron graded Aluminum Oxide grain
- High Cut-rate: for leveling
- Extremely uniform 3 mil film backing
- Generates a very uniform surface
- No-Fil; Open Kote
- Generates superior finish
- Available in Velcro backing
- Increased tear resistance
- Less Loading
- Can be used wet
- For use with portable machines and hand sanding applications
- Extended life with better finish
- The choice for solid surface applications

TYPICAL APPLICATIONS

- Automotive paint shops
  - Moist sanding to eliminate defects on painted bodies
- ED & primer shops
- Preparing solid surfaces like Corian boards

NORTON Q132 Polyester Film Discs

DESCRIPTION

- Premium micron graded Aluminum Oxide grain
- Fast cut and extended life
- Polyester film backing
- Very flexible and tear resistant backing
- Special resin bond system
- Reduced loading – resulting in longer life
- Available in PSA & Velcro backing
- For use with portable machines and hand sanding applications
- Spot repair on top coats and moist sanding in ED & primer shops

TYPICAL APPLICATIONS

- Primary Automotive paint shops
  - Spot repair on top coats and moist sanding in ED & primer shops
- Direct Use

PRODUCT OFFERINGS

- NORTON Q130 No-Fil Polyester Film Discs
- NORTON Q132 Polyester Film Discs

TYPICAL APPLICATIONS

- Automotive paint shops
  - Moist sanding to eliminate defects on painted bodies
- Preparing solid surfaces like Corian boards

PRODUCT OFFERINGS

- NORTON Q130 No-Fil Polyester Film Discs
- NORTON Q132 Polyester Film Discs

TYPICAL APPLICATIONS

- Automotive paint shops
  - Moist sanding to eliminate defects on painted bodies
- Preparing solid surfaces like Corian boards

PRODUCT OFFERINGS

- NORTON Q130 No-Fil Polyester Film Discs
- NORTON Q132 Polyester Film Discs

TYPICAL APPLICATIONS

- Automotive paint shops
  - Moist sanding to eliminate defects on painted bodies
- Preparing solid surfaces like Corian boards