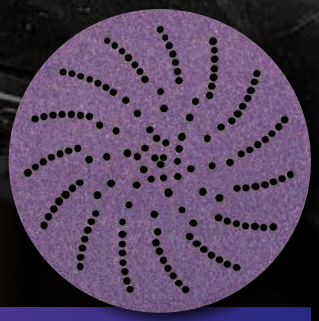
3M

# Xtract™

Clean Sanding Solutions

# Go for performance. Leave the dust behind.

Cut the dust with 3M Xtract™ Clean Sanding Solutions that are designed for easier work, so you can sand less and make more.



**3M Xtract™ Cubitron™ II Paper Disc 732U grade extensions 240+ to 1000+ now available.**

# Dust is a problem.

## Airborne particles

The creation of airborne particles is inherent in most abrasive processes. The composition and physical cross section (quantity and distribution of particles sizes) depends on the workpiece and the properties of the abrasive product being used.

**Airborne particles are hazardous to operators** through contact with exposed skin or eyes, and especially by inhalation.

**Extremely fine airborne particles can be particularly hazardous**, as they are often invisible to the naked eye and are more easily absorbed into lungs and respiratory tracts, leading to long-term health risks.

# Why dust extraction matters.

**Shop Cleanliness**
Shop environment and operator satisfaction

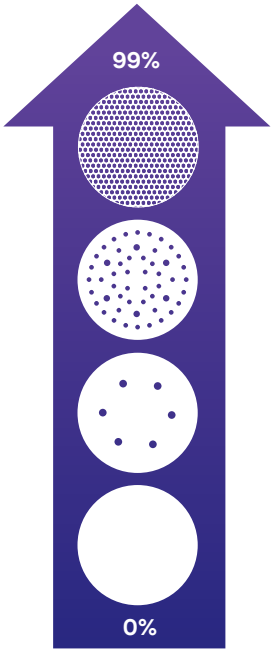
**Productivity / Rework**
Impacts cycle time

**Health & Safety**
Increase focus on operator health

## Sanding discs cut better and last longer when dust isn't loading the cutting surface of the abrasives.

**Dust extraction capability is influenced by several factors.**

- Number of holes in abrasive disc
- Type of vacuum
- Power of the vacuum
- Volume of swarf
- Consistent pneumatic air supply
- Shape of workpiece




With the right tools delivers up to

**99%**

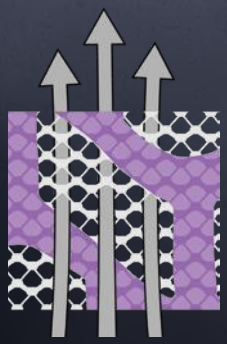
Dust Extraction

# Virtually dust-free sanding. No more compromise.

## What is 3M Xtract™ Clean Sanding Solutions?

Imagine a cleaner workspace, where sanding is virtually dust-free and performance and dust extraction are not compromised. Now that's possible.

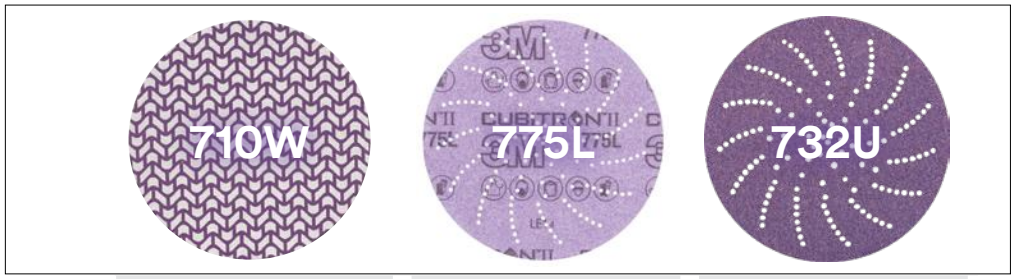
As you sand, any dust produced is easily pulled through the net backing, continuously extracting and collecting into the vacuum system.



Premium Series

# High-performance 3M™ Cubitron™ II Abrasives.

- One of the industry leading cut rate — 2x faster cut than conventional abrasives
- Engineered to require less pressure
- Up to 99% dust extraction
- Discs last up to 2x longer than conventional abrasives
- Consistent, quality finish for less rework
- 3M™ Hookit™ attachment system




| | 710W | 775L | 732U |
|---|---|---|---|
| Backing | Net | Film | Paper |
| Grades Available | 80+ to 320+ | 80+ to 400+ | 80+ to 1000+ |

Now available in extended grades

3M | CUBITRON™ II Industrial Abrasives

3M Precision-Shaped Grain

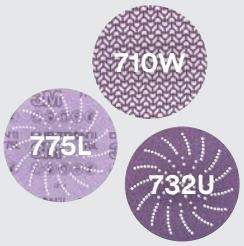
Unique Net Abrasive Pattern

**Revolutionary sanding technology.**

Our line of Cubitron™ II Premium Series abrasives is designed with the exclusive 3M Precision-Shaped Grain (PSG) technology, providing one of the industry leading cut rate and prolonged abrasive life for a variety of applications and substrates for metal fabrication, composite sanding, woodworking and more.

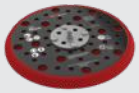
# Achieve up to 99% dust extraction.

3M Precision-Shaped Grain products have 2X faster cut than conventional abrasives, which means up to 2X the dust created in the same amount of time. In order to achieve up to 99% dust extraction with up to double the amount of dust created, the extraction system must be high performing. That's why we've created the 3M Xtract™ Clean Sanding System. To give you the peace of mind that when you use the full system, you can achieve up to 99% dust extraction.




**3M Xtract™ Cubitron™ II Abrasive Discs**
Premium Series

+



**3M Xtract™ Back Up Pad**
Multi-hole

+

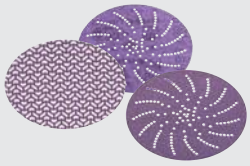
**3M Xtract™ Portable Dust Extractor**
Central-Vacuum System

+

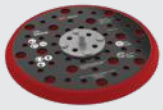
**3M Xtract™ Filter Bag System**
Self-Generated Vacuum System

Tech Tips

# Recommendations for best performance of your 3M Xtract™ Clean Sanding System.



The 3M Xtract™ Clean Sanding System is compatible with hook and loop sanding products, but works best as a full solution with 3M Xtract™ Premium Series Abrasives.



Our proprietary multi-hole back up pad design doesn't require alignment of the disc, making changes quick and simple.

Pneumatic tool systems are durable, lightweight and intrinsically safe.

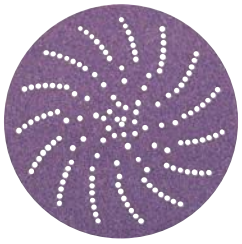
Keeping the disc flat to the sanding surface maximizes product life and delivers up to 99% dust extraction.

## 3M Xtract™ Cubitron™ II Net Disc 710W

| Size | 3M Stock No. | Grade | Dust Extraction |
|---|---|---|---|
| 6 " / 150mm | 7100288129 | 80+ | Mesh Clean Sand |
| | 7100288136 | 120+ | |
| | 7100288232 | 150+ | |
| | 7100288233 | 180+ | |
| | 7100288135 | 220+ | |
| | 7100288132 | 240+ | |
| | 7100288139 | 320+ | |

## 3M Xtract™ Cubitron™ II Film Disc 775L

| 3M ID | Size | Grade | Extraction Type |
|---|---|---|---|
| 7100045072 | 150mm | 80+ | Clean Sand |
| 7100045073 | 150mm | 120+ | |
| 7100065918 | 150mm | 150+ | |
| 7100064178 | 150mm | 180+ | |
| 7100064271 | 150mm | 220+ | |
| 7100145316 | 150mm | 240+ | |
| 7100141692 | 150mm | 320+ | |
| 7100145455 | 150mm | 400+ | |
| 7100046327 | 150mm | 80+ | Plain |
| 7100046328 | 150mm | 120+ | |
| 7100064273 | 150mm | 180+ | |
| 7100064272 | 150mm | 150+ | |
| 7100064274 | 150mm | 220+ | |
| 7100145407 | 150mm | 240+ | |
| 7100145462 | 150mm | 320+ | |
| 7100145469 | 150mm | 400+ | |



**Now**
**with extended range**

## 3M Xtract™ Cubitron™ II Paper Disc 732U

| 3M ID | Size | Grade | Extraction Type |
|---|---|---|---|
| 7100044445 | 150mm | 80+ | Clean Sand |
| 7100044449 | 150mm | 120+ | |
| 7100066676 | 150mm | 150+ | |
| 7100066679 | 150mm | 180+ | |
| 7100066702 | 150mm | 220+ | |
| 7100334765 | 150mm | 240+ | |
| 7100335436 | 150mm | 320+ | |
| 7100335433 | 150mm | 400+ | |
| 7100335441 | 150mm | 500+ | |
| 7100335411 | 150mm | 600+ | |
| 7100335435 | 150mm | 800+ | |
| 7100335437 | 150mm | 1000+ | |

| 3M ID | Size | Grade | Extraction Type |
|---|---|---|---|
| 7100044153 | 150mm | 80+ | Plain |
| 7100044452 | 150mm | 120+ | |
| 7100067093 | 150mm | 150+ | |
| 7100067094 | 150mm | 180+ | |
| 7100075213 | 150mm | 220+ | |
| 7100335386 | 150mm | 240+ | |
| 7100335531 | 150mm | 320+ | |
| 7100335388 | 150mm | 400+ | |
| 7100335487 | 150mm | 500+ | |
| 7100335485 | 150mm | 600+ | |
| 7100335387 | 150mm | 800+ | |
| 7100335389 | 150mm | 1000+ | |

**More disc sizes available upon request.**

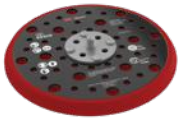
# Pneumatic and Random Orbital Sander Tools & Accessories

## 3M Xtract™ Pneumatic Random Orbital Sander Self-Generated Vacuum

| Model | Tool Dia in. (mm) | Orbit Dia in. (mm) | Pad Included | Type |
|---|---|---|---|---|
| 88957 | 6 (152) | 3/32 (2.5) | 20465 | Self-Generated Vacuum |
| 88959 | 6 (152) | 5/16 (8) | 20465 | Self-Generate Vacuum |
| 88960 | 6 (152) | 3/8 (10) | 20465 | Self-Generated Vacuum |
| 88950 | 6 (152) | 3/16 (5) | 20465 | Non-Vacuum |

## 3M Xtract™ Pneumatic Random Orbital Sander Central-Vacuum

| Model | Tool Dia in. (mm) | Orbit Dia in. (mm) | Pad Included | Type |
|---|---|---|---|---|
| 88953 | 6 (152) | 3/32 (2.5) | 20465 | Central-Vacuum |
| 88954 | 6 (152) | 3/16 (5) | 20465 | Central-Vacuum |
| 88955 | 6 (152) | 5/16 (8) | 20465 | Central-Vacuum |
| 88820 | 6 (152) | 3/16 (5) | 20465 | Electric Central-Vacuum (Plug type I for Australia & New Zealand) |



## 3M™ Hookit™ Disc Pads for Non Dust Extraction Systems

| 3M ID | Part Number | Description | Diameter (mm) | Thickness (mm) | Thread Size | Colour | Face Colour | Density Rating | Hook Type | Max RPM |
|---|---|---|---|---|---|---|---|---|---|---|
| 7100052357 | 20355 | Low Profile | 150 | 9.39 | 5/16-24 EXT | Red | Black | Firm | 2 | 12,000 |
| 7000045702 | 7394 | Tapered Edge | 178 | 25 | M14-2.0 INT | Yellow | Yellow | Medium | 1 | 6,000 |
| 7000028353 | 947 | | 178 | | 5/8-11 INT | | | | | 6,000 |
| 7000045671 | 5779 | | 203 | | 5/8-11 INT | | | | | 3,000 |

## 3M™ Hookit™ Interface Pads for Clean Sand & Dust Extraction Systems

| 3M ID | Part Number | Diameter (mm) | Thickness (mm) | No. of Holes | Colour | Face Colour | Density Rating | Hook Type | Max RPM |
|---|---|---|---|---|---|---|---|---|---|
| 7000032160 | 50544 | 150 | 10 | 49 | Grey | Black | Soft | 1 | 12,000 |
| 7000032161 | 50545 | | 5 | 49 | | | | | |
| 7000038372 | 05774 | | 10 | 6 | | | | | |
| 7000042703 | 20446 | | 2 | N/A | Black | | | | |
| 7000045012 | 20444 | 125 | 2 | | | | | | |

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

**Warranty and Limited Remedy**: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**3M Australia Pty Ltd**
Abrasives Systems Division
Bldg A, 1 Rivett Road
North Ryde NSW 2113

Phone: 136 136
Web: go.3M.com/AUAbrasives

**3M New Zealand Ltd**
Abrasives Systems Division
94 Apollo Drive, Albany
Auckland, New Zealand 0632

Phone: 0800 362 886
Web: go.3M.com/NZAbrasives

3M is a trademark of 3M Company. ©3M 2025. All rights reserved