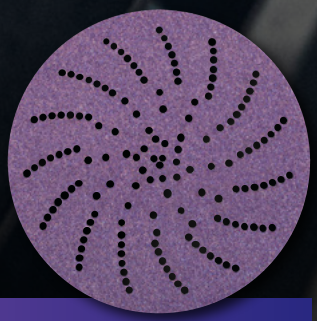
3M

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

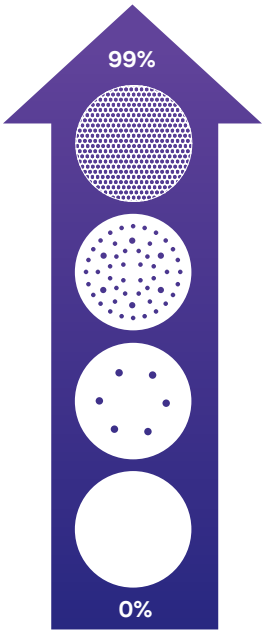
Productivity / Rework
Impacts cycle time

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%

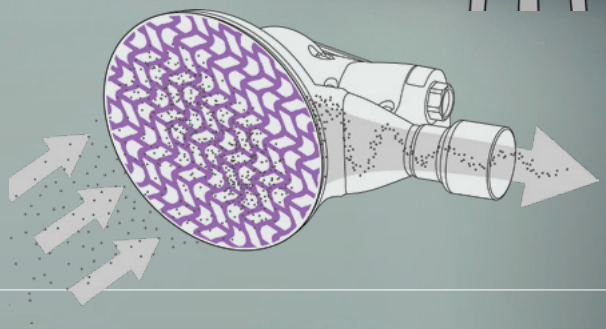
Dust Extraction

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

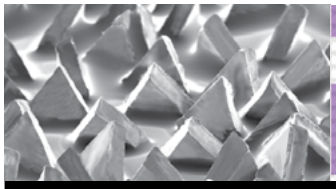
High-performance 3M™ Cubitron™ II Abrasives.

- 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

Backing	Net	Film	Paper	Cloth
Grades Available	80+ to 320+	80+ to 400+	80+ to 1000+	40+ to 320+

Now available in extended grades

3M | CUBITRON™ II Industrial Abrasives



3M Precision-Shaped Grain

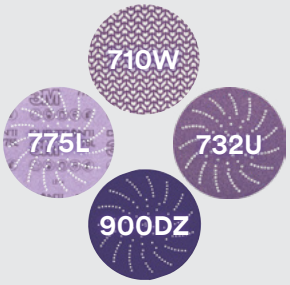
Unique Net Abrasive Pattern

Revolutionary sanding technology.

Our line of Cubitron™ II Premium Series abrasives is designed with the exclusive 3M Precision-Shaped Grain (PSG) technology, providing 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

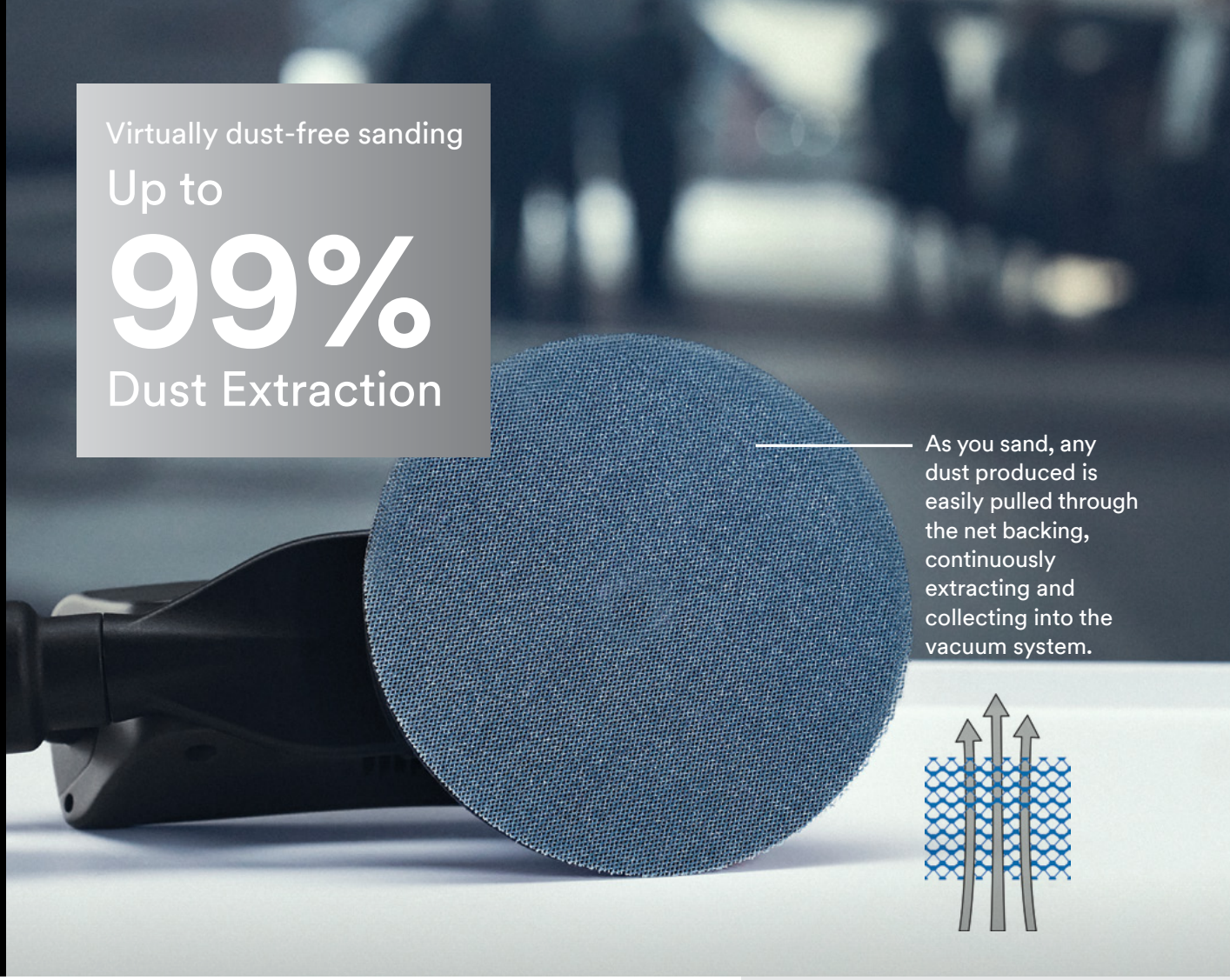
3M Xtract™ Back Up Pad
Multi-hole

3M Xtract™ Random Orbital Sanders
Pneumatic and Electric

3M Xtract™ Portable Dust Extractor

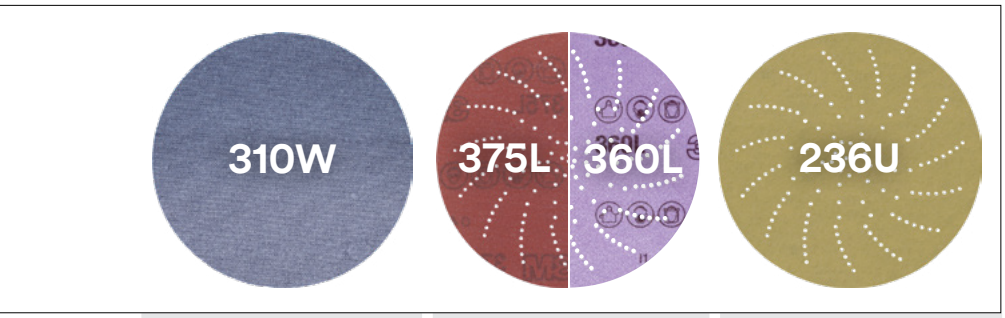
3M Xtract™ Filter Bag System
Self-Generated Vacuum System

Advanced Series

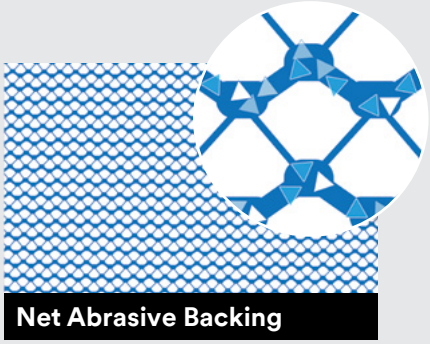


Unbeatable performance and value.

- Best-in-class conventional abrasive performance
- Up to 99% dust extraction
- Available in 3 distinct backings to meet your application requirements

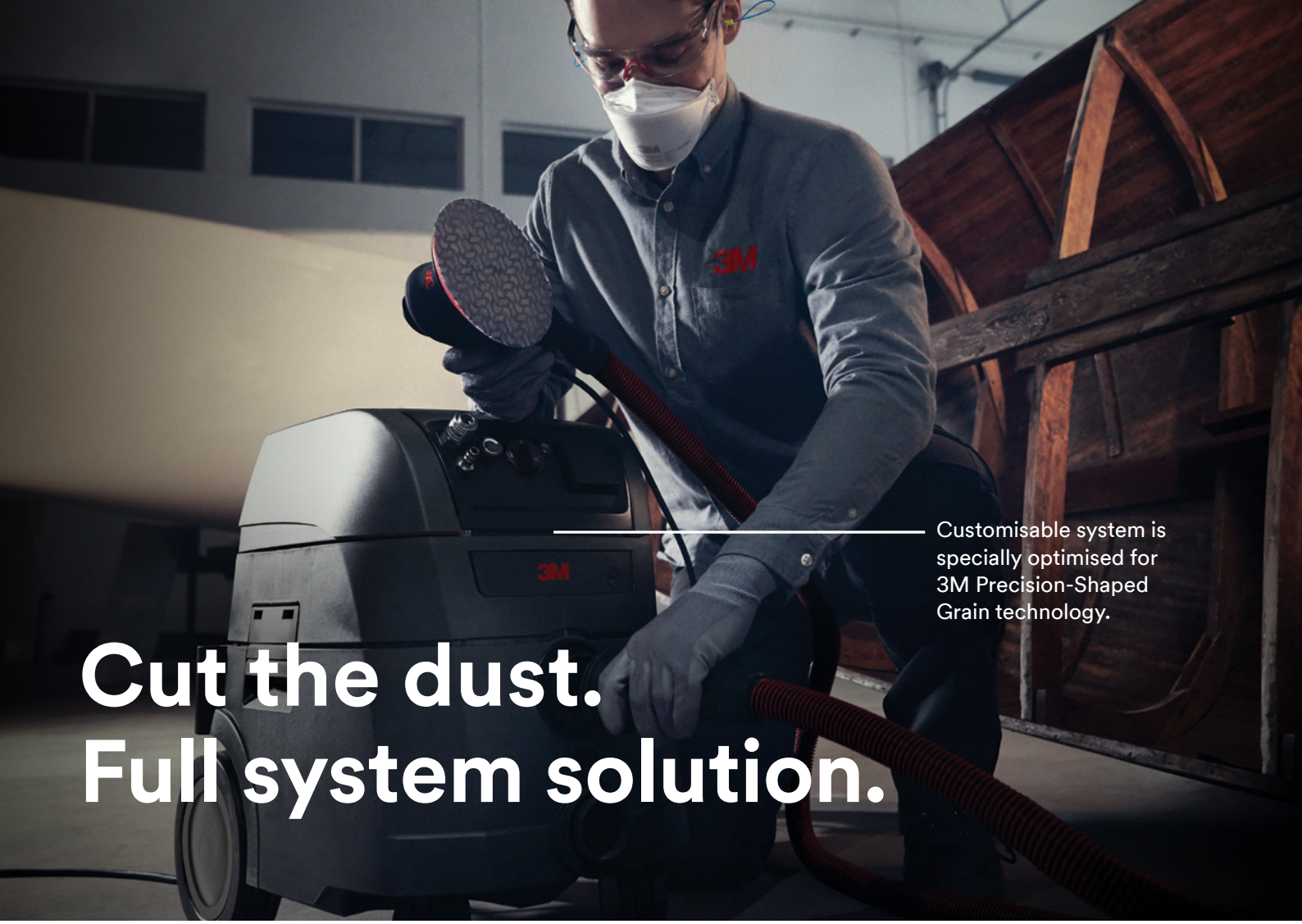


Backing	Net	Film		Paper
Grades Available	80+ to 320+	60 to P2000	P220 to P1000	P80 to P500



Fast cutting. Long lasting.

A loading-resistant net backing combined with fast-cutting, long-lasting 3M Precision-Shaped Grain technology mixed with aluminum oxide abrasive.



Customisable system is specially optimised for 3M Precision-Shaped Grain technology.

Cut the dust. Full system solution.

Tools designed for ease of use.

Introducing a new line of tools and accessories designed for ease of use and optimal dust extraction. So that you don't have to compromise high performance for dust management.

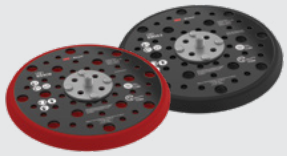
- Designed to be quieter, lighter and easier to operate
- Virtually dust-free working environment for easy cleanup
- Helps reduce dust exposure
- Pneumatic and electric tool options available

Tools attach to a filter bag or dust extraction unit, so you'll have little to no additional cleaning to do after the job is done.

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.

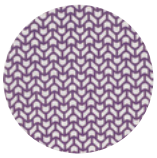


Our proprietary multi-hole back up pad design doesn't require alignment of the disc, making changes quick and simple.

Electric tool systems provide portability and compatibility with existing electrical infrastructure.

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.

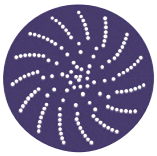


3M Xtract™ Cubitron™ II Net Disc 710W

Diameter	Grade	Per inner	MOQ	3M ID
75 mm	80+	50	300	7100287538
75 mm	120+	50	300	7100287828
75 mm	150+	50	300	7100287831
75 mm	180+	50	300	7100287549
75 mm	220+	50	300	7100287829
75 mm	240+	50	300	7100287826
75 mm	320+	50	300	7100287540
125 mm	80+	50	300	7100288128
125 mm	120+	50	300	7100288225
125 mm	150+	50	300	7100288234
125 mm	180+	50	300	7100288231
125 mm	220+	50	300	7100288230
125 mm	240+	50	300	7100288133
125 mm	320+	50	300	7100288134
125 mm	80+, 120+, 180+, 320+	10	100	7100288313
150 mm	80+	50	300	7100288129
150 mm	120+	50	300	7100288136
150 mm	150+	50	300	7100288232
150 mm	180+	50	300	7100288233
150 mm	220+	50	300	7100288135
150 mm	240+	50	300	7100288132
150 mm	320+	50	300	7100288139
150 mm	80+, 120+, 180+, 320+	10	100	7100288312
203 mm	80+	50	300	7100287535
203 mm	120+	50	300	7100287537
203 mm	150+	50	300	7100287463
203 mm	180+	50	300	7100287825
203 mm	220+	50	300	7100287827
203 mm	240+	50	300	7100287715
203 mm	320+	50	300	7100287536

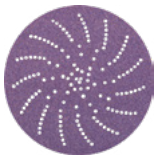
3M Xtract™ Cubitron™ II Film Disc 775L

Diameter	Grade	Per inner	MOQ	Part No.	3M ID
75 mm	80+	50	250	87270	7100106678
75 mm	120+	50	250	87271	7100106714
75 mm	150+	50	250	87272	7100106717
75 mm	180+	50	250	87215	7100111238
75 mm	220+	50	250	87273	7100106716
75 mm	240+	50	250	47110	7100145460
75 mm	320+	50	250	47111	7100145433
75 mm	400+	50	250	5060	7100145452
125 mm	80+	50	250	86822	7100045070
125 mm	120+	50	250	86823	7100045071
125 mm	150+	50	250	64258	7100064175
125 mm	180+	50	250	64264	7100064177
125 mm	220+	50	250	64270	7100064270
125 mm	240+	50	250	47097	7100145362
125 mm	320+	50	250	47081	7100145363
125 mm	400+	50	250	05058	7100145404
150 mm	80+	50	250	86824	7100045072
150 mm	120+	50	250	86825	7100045073
150 mm	150+	50	250	64259	7100065918
150 mm	180+	50	250	64265	7100064178
150 mm	220+	50	250	64271	7100064271
150 mm	240+	50	250	47098	7100145316
150 mm	320+	50	250	47082	7100141692
150 mm	400+	50	250	05059	7100145455
203 mm	80+	50	250	88568	7100246422
203 mm	120+	50	250	88569	7100246524
203 mm	150+	50	250	88589	7100248339
203 mm	180+	50	250	88590	7100248337
203 mm	220+	50	250	88570	7100246533
203 mm	240+	50	250	88571	7100246535
203 mm	320+	50	250	88572	7100246534
203 mm	400+	50	250	88573	7100246525



3M Xtract™ Cubitron™ II Cloth Disc 900DZ

Diameter	Grade	Per inner	MOQ	Hole Config.	3M ID
75mm	40+	50	250	multihole	7100284886
75mm	60+	50	250	multihole	7100284341
75mm	80+	50	250	multihole	7100284521
75mm	120+	50	250	multihole	7100284266
75mm	150+	50	250	multihole	7100284506
75mm	180+	50	250	multihole	7100282513
75mm	220+	50	250	multihole	7100282510
75mm	320+	50	250	multihole	7100284356
125mm	40+	50	250	multihole	7100284662
125mm	60+	50	250	multihole	7100284216
125mm	80+	50	250	multihole	7100284531
125mm	120+	50	250	multihole	7100284520
125mm	150+	50	250	multihole	7100284353
125mm	180+	50	250	multihole	7100282219
125mm	220+	50	250	multihole	7100281811
125mm	320+	50	250	multihole	7100284268
150mm	40+	50	250	multihole	7100284769
150mm	60+	50	250	multihole	7100284218
150mm	80+	50	250	multihole	7100284530
150mm	120+	50	250	multihole	7100284508
150mm	150+	50	250	multihole	7100284342
150mm	180+	50	250	multihole	7100281804
150mm	220+	50	250	multihole	7100281806
150mm	320+	50	250	multihole	7100284271
203mm	40+	50	250	multihole	7100284565
203mm	60+	50	250	multihole	7100284340
203mm	80+	50	250	multihole	7100284518
203mm	120+	50	250	multihole	7100284343
203mm	150+	50	250	multihole	7100284344
203mm	180+	50	250	multihole	7100281803
203mm	220+	50	250	multihole	7100281810
203mm	320+	50	250	multihole	7100284267



3M Xtract™ Cubitron™ II Paper Disc 732U

	Diameter	Grade	Per inner	MOQ	Hole Conf.	3M ID
	125mm	80+	50	250	multihole	7100044448
	125mm	120+	50	250	multihole	7100044446
	125mm	150+	50	250	multihole	7100066675
	125mm	180+	50	250	multihole	7100066678
	125mm	220+	50	250	multihole	7100066701
NEW	125mm	240+	50	250	multihole	7100335101
NEW	125mm	320+	50	250	multihole	7100334767
NEW	125mm	400+	50	250	multihole	7100334768
NEW	125mm	500+	50	250	multihole	7100335096
NEW	125mm	600+	50	250	multihole	7100334770
NEW	125mm	800+	50	250	multihole	7100334764
NEW	125mm	1000+	50	250	multihole	7100334769
	150mm	80+	50	250	multihole	7100044445
	150mm	120+	50	250	multihole	7100044449
	150mm	150+	50	250	multihole	7100066676
	150mm	180+	50	250	multihole	7100066679
	150mm	220+	50	250	multihole	7100066702
NEW	150mm	240+	50	250	multihole	7100334765
NEW	150mm	320+	50	250	multihole	7100335436
NEW	150mm	400+	50	250	multihole	7100335433
NEW	150mm	500+	50	250	multihole	7100335441
NEW	150mm	600+	50	250	multihole	7100335411
NEW	150mm	800+	50	250	multihole	7100335435
NEW	150mm	1000+	50	250	multihole	7100335437

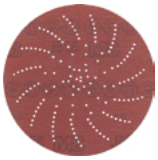
3M™ Cubitron™ II Paper Discs 732U Multipacks

Diameter	Grade	Per inner	MOQ	Hole Conf.	3M ID
125mm	80+ to 220+	15	300	multihole	7100230325
125mm	240+ to 1000+	14	180	multihole	7100352830
150mm	80+ to 220+	15	300	multihole	7100232736
150mm	240+ to 1000+	14	180	multihole	7100352831

More discs sizes available upon request

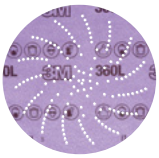
3M Xtract™ Net Disc 310W

Diameter	Grade	Per inner	MOQ	3M ID
75mm	80+	50	500	7100287991
75mm	120+	50	500	7100288063
75mm	150+	50	500	7100288049
75mm	180+	50	500	7100288052
75mm	220+	50	500	7100288065
75mm	240+	50	500	7100288050
75mm	320+	50	500	7100288064
125mm	80+	50	300	7100288224
125mm	120+	50	300	7100288241
125mm	150+	50	300	7100288130
125mm	180+	50	300	7100288316
125mm	220+	50	300	7100288314
125mm	240+	50	300	7100288226
125mm	320+	50	300	7100288236
150mm	80+	50	300	7100288228
150mm	120+	50	300	7100288237
150mm	150+	50	300	7100288131
150mm	180+	50	300	7100288227
150mm	220+	50	300	7100288317
150mm	240+	50	300	7100288235
150mm	320+	50	300	7100288127
203mm	80+	50	300	7100287833
203mm	120+	50	300	7100287455
203mm	150+	50	300	7100287539
203mm	180+	50	300	7100287832
203mm	220+	50	300	7100287454
203mm	240+	50	300	7100287824
203mm	320+	50	300	7100287830



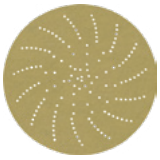
3M Xtract™ Film Disc 375L

Diameter	Grade	Per inner	MOQ	Hole Config.	3M ID
150mm	P80	50	250	multihole	7100305240
150mm	P100	50	250	multihole	7100305239
150mm	P120	50	250	multihole	7100305241
150mm	P150	50	250	multihole	7100305617
150mm	P180	50	250	multihole	7100305242
150mm	P240	50	250	multihole	7100305619
150mm	P320	50	250	multihole	7100305620
150mm	P400	50	250	multihole	7100305623
150mm	P600	50	250	multihole	7100325462
150mm	P800	50	250	multihole	7100325670



3M Xtract™ Film Disc 360L

Diameter	Grade	Per inner	MOQ	Hole Config.	3M ID
75mm	P400	100	500	multihole	7100084760
75mm	P600	100	500	multihole	7100010261
75mm	P800	100	500	multihole	7100010262
75mm	P1000	100	500	multihole	7100010263
125mm	P220	100	500	multihole	7010029941
125mm	P240	100	500	multihole	7010029936
125mm	P280	100	500	multihole	7100028668
125mm	P320	100	500	multihole	7010029942
125mm	P400	100	500	multihole	7010029943
125mm	P500	100	500	multihole	7010029937
125mm	P600	100	500	multihole	7010029938
125mm	P800	100	500	multihole	7010029939
125mm	P1000	100	500	multihole	7010029940
150mm	P220	100	500	multihole	7100077620
150mm	P240	100	500	multihole	7100077621
150mm	P280	100	500	multihole	7010029944
150mm	P320	100	500	multihole	7100077622
150mm	P400	100	500	multihole	7100077623
150mm	P500	100	500	multihole	7100077624
150mm	P600	100	500	multihole	7100077625
150mm	P800	100	500	multihole	7100077626
150mm	P1000	100	500	multihole	7100077975



3M Xtract™ Paper Disc 236U

Diameter	Grade	Per inner	MOQ	Part No.	3M ID
125mm	P80	50	250	55598	7010029926
125mm	P100	50	250	55599	7010029927
125mm	P120	50	250	55600	7010029928
125mm	P150	50	250	55601	7010029929
125mm	P180	50	250	55500	7010029930
125mm	P220	50	250	55501	7010029931
125mm	P240	50	250	55502	7010029932
125mm	P320	50	250	55503	7010029933
125mm	P400	50	250	55504	7010029934
125mm	P500	50	250	55505	7010029935
150mm	P80	50	250	55506	7100078152
150mm	P100	50	250	55507	7100078153
150mm	P120	50	250	55508	7100078154
150mm	P150	50	250	55509	7100078155
150mm	P180	50	250	55510	7100078156
150mm	P220	50	250	55511	7100078157
150mm	P240	50	250	55512	7100078158
150mm	P320	50	250	55513	7100078159
150mm	P400	50	250	55514	7100078180
150mm	P500	50	250	55515	7100078181

3M Xtract™ Electric Random Orbital Sander Central-Vacuum

Diameter	Voltage	Orbit	Plug Type	MOQ	Part No.	3M ID
125mm	240V	2.5mm	Type E - EU	1	88839	7100263559
125mm	240V	2.5mm	Type G	1	88847	7100263528
125mm	110V	2.5mm	EN60309	1	88855	7100263546
125mm	240V	5.0mm	Type E - EU	1	88835	7100263555
125mm	240V	5.0mm	Type G	1	88843	7100263525
125mm	110V	5.0mm	EN60309	1	88851	7100263533
150mm	240V	2.5mm	Type E - EU	1	88841	7100263549
150mm	240V	2.5mm	Type G	1	88849	7100263530
150mm	110V	2.5mm	EN60309	1	88857	7100263547
150mm	240V	5.0mm	Type E - EU	1	88837	7100263558
150mm	240V	5.0mm	Type G	1	88845	7100263554
150mm	110V	5.0mm	EN60309	1	88853	7100263534

3M Xtract™ Pneumatic Random Orbital Sander Central Vacuum

Diameter	Orbit	MOQ	Part No.	3M ID
125mm	2.5mm	1	88941	7100258884
125mm	5.0mm	1	88942	7100258886
125mm	8.0mm	1	88943	7100258885
125mm	10.0mm	1	88944	7100258887
150mm	2.5mm	1	88953	7100259232
150mm	5.0mm	1	88954	7100258801
150mm	8.0mm	1	88955	7100258707
150mm	10.0mm	1	88956	7100258799

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

Diameter	Orbit	MOQ	Part No.	3M ID
125mm	2.5mm	1	88945	7100264073
125mm	5.0mm	1	88946	7100264068
125mm	8.0mm	1	88947	7100264239
125mm	10.0mm	1	88948	7100264069
150mm	2.5mm	1	88957	7100264077
150mm	5.0mm	1	88958	7100264079
150mm	8.0mm	1	88959	7100264078
150mm	10.0mm	1	88960	7100264070

3M Xtract™ Portable Dust Extractor

Voltage	Plug Type	MOQ	Part No.	3M ID
240V	Type E - EU	1	64159	7100259732
110V	EN60309	1	64193	7100260424

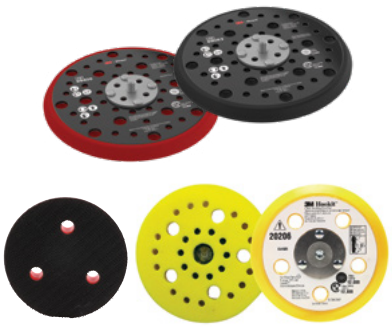
3M Xtract™ Filter Bags

Size	MOQ	Part No.	3M ID
Large	50	89137	7100263231
Extra Large	20	89139	7100263030

3M™ Vacuum Hoses

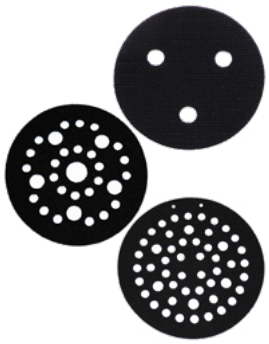
Size	MOQ	Part No.	3M ID
1" x 1.2m	1	28730	7010362547
1" x 1.8m	1	28301	7000045247
1" x 18.3m	1	28393	7000045271
1" x 5m	1	64934	7000032248

Accessories



3M Xtract™ Back Up Pads

Type	Size	Thread	Hole pattern	MOQ	Part No.	3M ID
Extra Hard	125mm	5/16 - 24 EXT	Clean Sand	10	89052	7100273845
Extra Hard	150mm	5/16 - 24 EXT	Clean Sand	10	89053	7100273863
Hard	125mm	5/16 - 24 EXT	Clean Sand	10	89410	7100273463
Hard	150mm	5/16 - 24 EXT	Clean Sand	10	89409	7100270476
Firm	75mm	1/4-20 EXT	3 Hole	10	20350	7000028147
Firm	125mm	5/16 - 24 EXT	Clean Sand	10	20353	7100037832
Firm	150mm	5/16 - 24 EXT	Clean Sand	10	20465	7100022038
Medium	125mm	5/16 - 24 EXT	Clean Sand	10	89925	7100278691
Medium	150mm	5/16 - 24 EXT	6 Hole	10	05876	7100032853
Soft	75mm	1/4-20 EXT	6 Hole	10	20428	7010360095
Soft	125mm	5/16 - 24 EXT	Clean Sand	10	20290	7100009657
Soft	150mm	5/16 - 24 EXT	Clean Sand	10	20425	7000118613
Soft	203mm	M14	Clean Sand	10	09538	7000082605



3M™ Hookit™ Clean Sanding Back Up Pad Hook Savers

Size	Hole pattern	MOQ	Part No.	3M ID
75mm	3 Hole	20	28326	7000045251
125mm	Clean Sand	20	20443	7000045011
150mm	Clean Sand	20	20446	7000042703

3M™ Filter Bag Adapters

Type	End 1	End 2	Use with PN	MOQ	Part No.	3M ID
Adaptor	1" EXT Thread	1" INT Diameter	NA	1	20453	7000000361
1" End Cap	NA	NA	NA	1	28383	7000042706
1" Hose Seal	NA	NA	20453	1	A0778	7000118731
Backpack	NA	NA	NA	1	28365	7000028217

3M™ Vacuum Hoses Adapters

End 1	End 2	MOQ	Part No.	3M ID
1" Push On	1" EXT Thread	10	28304	7000045250
1" INT Thread	1-1/4" INT Thread	10	20340	7000045004
3/4" Push On	1" INT Thread	1	30324	7000045309
1" INT Thread	1-1/2" Push On	1	20341	7000045005
1" Push On	1-1/4" Push On	1	30441	7000045312
1" Push On	1-1/2" Push On	1	30440	7000045311
1" Push On	2" Push On	1	30439	7000045310
1" INT Thread	1" INT Thread	1	30442	7000119372

Learn more about how you can leave the dust behind at 3M.co.uk/Xtract

Warranty and Limited Remedy: 3M warrants this tool against defects in workmanship and materials under normal operating conditions for one (1) year from the date of purchase. 3M MAKES NO OTHER WARRANTIES, 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.

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.

Submitting a Warranty Claim: Contact your dealer when submitting a warranty claim in accordance with the restrictions listed above. Please note that all warranty claims are subject to manufacturer's approval. Be sure to keep your sales receipt in a safe place. This must be submitted when filing a warranty claim, within 1 year from the date of purchase.

Product Repair after Warranty Has Expired: Repair of 3M Abrasive Power Tools that are not under warranty is available through 3M or 3M Authorized Tool Repair Representative. Contact your local 3M office.

Service: Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3M United Kingdom PLC
3M Centre
Cain Road, Bracknell
RG12 8HT
Tel: +44 8705 360 036
abrasives.uk@mmm.com
www.3M.co.uk/abrasives

3M Ireland Limited
The Iveagh Building
The Park
Carrickmines
Dublin 18
Ireland
Tel: +353 1800 303 437

3M, Cubitron, and 3M Xtract, and the unique hole pattern are trademarks of 3M Company.
© 3M 2025. All rights reserved.