



**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™ Cubitron™ II Film Disc 775L  
grade extensions  
500+ to 1000+ now available.**



3M

3M

Power Tools



**Go for performance.  
Leave the dust behind.**

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# Dust is a problem.



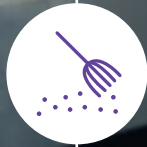
## Airborne particles

The creation of airborne particles is inherent in most abrasive processes. The composition and physical cross section (quantity and distribution of particle 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.



## Workshop 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%<sup>1</sup>

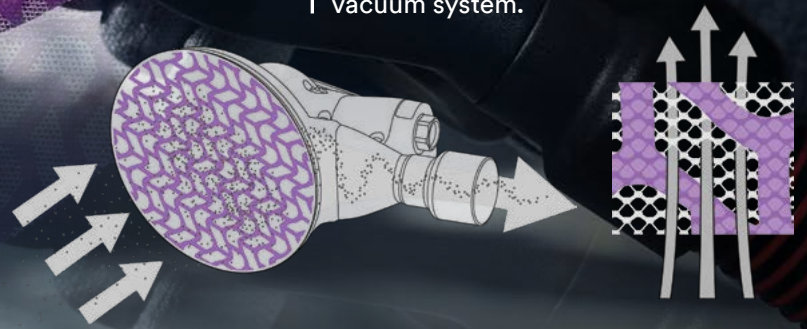
Dust Extraction

# Virtually dust-free sanding. No more compromise.

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

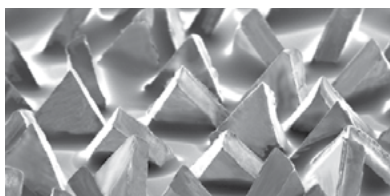
Imagine a cleaner workspace, where sanding is virtually dust-free and performance and dust extraction are not compromised. Now that's possible.

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



## Revolutionary sanding technology.

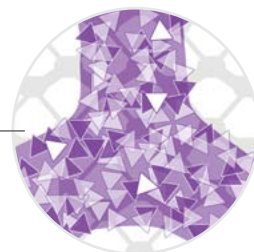
Our line of Cubitron™ II Premium Series abrasives is designed with our proprietary 3M Precision-Shaped Grain technology, providing industry leading cut rate and prolonged abrasive life for a variety of applications and substrates for metal fabrication, composite sanding, woodworking and more.



3M Precision-Shaped Grain



Unique Net Abrasive Pattern



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

- Industry-leading cut rate — **2x faster cut<sup>2</sup>** than conventional abrasives<sup>2</sup>
- Engineered to require less pressure
- Up to 99% dust extraction<sup>1</sup>
- Discs last up to **6x longer<sup>3</sup>** than conventional abrasives<sup>3</sup>
- Consistent, quality finish for less rework
- 3M™ Hookit™ attachment system

Up to  
**2x Faster<sup>2</sup>**  
than conventional  
abrasives

Last up to  
**6x Longer<sup>3</sup>**  
than conventional  
abrasives

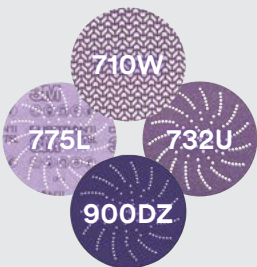
Backing Grades Available	Net 80+ to 320+	Film 80+ to 1000+	Paper 80+ to 1000+	Cloth 40+ to 320+

Now available  
in extended grades

Now available  
in extended grades

## Achieve up to 99% dust extraction.<sup>1</sup>

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<sup>1</sup> 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<sup>1</sup>.



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  
Central-Vacuum  
System

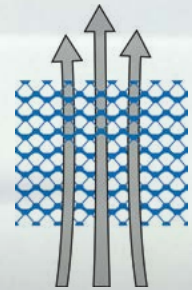


3M Xtract™  
Filter Bag System  
Self-Generated  
Vacuum System

Virtually dust-free sanding  
Up to  
**99%<sup>1</sup>**  
Dust Extraction

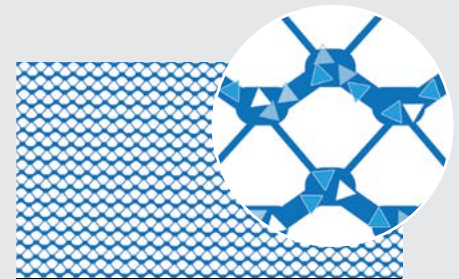


As you sand, any dust produced is easily pulled through the net backing, continuously extracting and collecting into the vacuum system.



## Unbeatable performance and value.

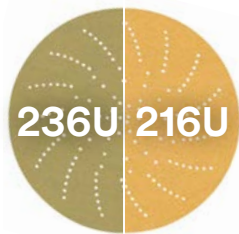
- Best-in-class conventional abrasive performance
- Up to 99% dust extraction<sup>1</sup>
- Available in 3 distinct backings to meet your application requirements



**Net Abrasive Backing**

### 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.



Backing Grades Available	Net	Film		Paper	
	80+ to 320+	P60 to P2000	P220 to P1000	P80 to P500	P220 to P800

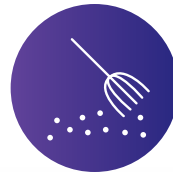
# Cut the dust. Full system solution.

Customizable system is specially optimized for 3M Precision-Shaped Grain technology.

## 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.

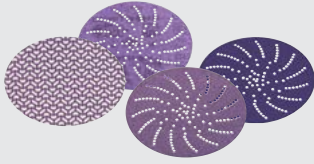
- Designed to be quieter, lighter and easier to operate
- Virtually dust-free working environment for easy cleanup
- Helps reduce dust exposure
- Pneumatic and electric tool options available



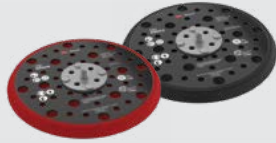
Tools attach to a filter bag or dust extraction unit, so you'll have little to no additional cleaning to do after the job is done.



# 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.<sup>1</sup>

# Premium Series Abrasives



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

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100249601	80+	50/300
	7100288225	120+	
	7100288234	150+	
	7100288231	180+	
	7100288230	220+	
	7100288133	240+	
	7100288134	320+	
6" / 150mm	7100288129	80+	50/300
	7100288136	120+	
	7100288232	150+	
	7100288233	180+	
	7100288135	220+	
	7100288132	240+	
	7100288139	320+	

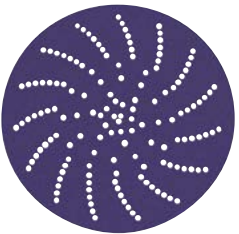


**Now  
with extended grades**

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

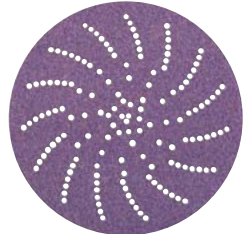
Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100045070	80+	50/250
	7100045071	120+	
	7100064175	150+	
	7100064177	180+	
	7100064270	220+	
	7100145362	240+	
	7100145363	320+	
	7100145404	400+	
	7100383392	500+	
	7100383432	600+	
	7100383663	800+	
	7100383673	1000+	

Size	3M Stock No.	Grade	Inner/ MOQ
6" / 150mm	7100045072	80+	50/250
	7100045073	120+	
	7100064178	180+	
	7100065918	150+	
	7100064271	220+	
	7100145316	240+	
	7100141692	320+	
	7100145455	400+	
	7100383529	500+	
	7100383644	600+	
	7100383723	800+	
	7100383698	1000+	



**3M Xtract™ Cubitron™ II  
Cloth Disc 900DZ**

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100284662	40+	50/250
	7100284216	60+	
	7100284531	80+	
	7100284520	120+	
	7100284353	150+	
	7100282219	180+	
	7100281811	220+	
	7100284268	320+	
6" / 150mm	7100284769	40+	50/250
	7100284218	60+	
	7100284530	80+	
	7100284508	120+	
	7100284342	150+	
	7100281804	180+	
	7100281806	220+	
	7100284271	320+	



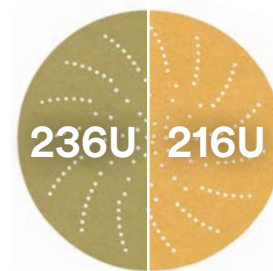
**Now  
with extended grades**

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

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100044448	80+	50/250
	7100044446	120+	
	7100066675	150+	
	7100066678	180+	
	7100066701	220+	
	7100335101	240+	
	7100334766	280+	
	7100334767	320+	
	7100334768	400+	
	7100335096	500+	
	7100334770	600+	
	7100334764	800+	
7100334769	1000+		

Size	3M Stock No.	Grade	Inner/ MOQ
6" / 150mm	7100044445	80+	50/250
	7100044449	120+	
	7100066676	150+	
	7100066679	180+	
	7100066702	220+	
	7100334765	240+	
	7100335412	280+	
	7100335436	320+	
	7100335433	400+	
	7100335441	500+	
	7100335411	600+	
	7100335435	800+	
7100335437	1000+		

**More disc sizes available upon request.**



## 3M Xtract™ Net Disc 310W

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100288224	80+	50/500
	7100288241	120+	
	7100288130	150+	
	7100288316	180+	
	7100288314	220+	
	7100288226	240+	
	7100288236	320+	
6" / 150mm	7100288228	80+	50/500
	7100288237	120+	
	7100288131	150+	
	7100288227	180+	
	7100288317	220+	
	7100288235	240+	
	7100288127	320+	

## 3M Xtract™ Film Disc 375L

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7100305546	P60	50/250
	7100305554	P80	
	7100305551	P100	
	7100305552	P120	
	7100305547	P150	
	7100305553	P180	
	7100305548	P220	
	7100305559	P240	
	7100305555	P320	
	7100305560	P400	
6" / 150mm	7100305884	P60	50/250
	7100305240	P80	
	7100305239	P100	
	7100305241	P120	
	7100305617	P150	
	7100305242	P180	
	7100305618	P220	
	7100305619	P240	
	7100305620	P320	
	7100305623	P400	

## 3M Xtract™ Paper Disc 236U

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7010029926	P80	50/250
	7010029927	P100	
	7010029928	P120	
	7010029929	P150	
	7010029931	P220	
	7010029932	P240	
	7010029933	P320	
	7010029934	P400	
	7010029935	P500	
	7000035840	P80	
6" / 150mm	7100078153	P100	50/250
	7100078154	P120	
	7100078155	P150	
	7100078156	P180	
	7100078157	P220	
	7100078158	P240	
	7100078159	P320	
	7100078181	P500	

## 3M Xtract™ Film Disc 360L

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7010029941	P220	100/500
	7010029936	P240	
	7100028668	P280	
	7010029942	P320	
	7010029943	P400	
	7010029937	P500	
	7010029938	P600	
	7010029939	P800	
	7010029940	P1000	
6" / 150mm	7100077620	P220	100/500
	7100077621	P240	
	7010029944	P280	
	7100077622	P320	
	7100077623	P400	
	7100077624	P500	
	7100077625	P600	
	7100077626	P800	
7100077975	P1000		

## 3M Xtract™ Paper Disc 216U

Size	3M Stock No.	Grade	Inner/ MOQ
5" / 125mm	7010029922	P220	100/500
	7010029923	P320	
	7010029924	P400	
	7010029925	P600	
	7100048730	P800	

More disc sizes, grades and Stikit™ attachment options available on request.

# Pneumatic and Random Orbital Sander Tools & Accessories



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

PN	Tool Dia in. (mm)	Orbit Dia in. (mm)	Pad Included	Voltage	*Plug Type	3M Stock No.
88758	5 (127)	3/16 (5)	89052	110V	Type B	7100254306
88762	5 (127)	3/32 (2.5)	89052	110V	Type B	7100254310
88760	6 (152)	3/16 (5)	89053	110V	Type B	7100253819
88764	6 (152)	3/32 (2.5)	89053	110V	Type B	7100273863
88851	5 (127)	3/16 (5)	89052	110V	EN60309	7100263533
88855	5 (127)	3/32 (2.5)	89052	110V	EN60309	7100263546
88853	6 (152)	3/16 (5)	89053	110V	EN60309	7100263534
88857	6 (152)	3/32 (2.5)	89053	110V	EN60309	7100263547
88839	5 (127)	3/32 (2.5)	89052	240V	Type E	7100263559
88835	5 (127)	3/16 (5)	89052	240V	Type E - EU	7100263555
88837	6 (152)	3/16 (5)	89053	240V	Type E - EU	7100263558
88841	6 (152)	3/32 (2.5)	89053	240V	Type E - EU	7100263549
88847	5 (127)	3/32 (2.5)	89052	240V	Type G	7100263528
88843	5 (127)	3/16 (5)	89052	240V	Type G	7100263525
88845	6 (152)	3/16 (5)	89053	240V	Type G	7100263554
88849	6 (152)	3/32 (2.5)	89053	240V	Type G	7100263530
88925	5 (127)	3/16 (5)	89052	240V	Type EK	7100263538
88929	5 (127)	3/32 (2.5)	89052	240V	Type EK	7100263544
88927	6 (152)	3/16 (5)	89053	240V	Type EK	7100263539
88931	6 (152)	3/32 (2.5)	89053	240V	Type EK	7100263541
88805	5 (127)	3/16 (5)	89052	240V	Type I CN	7100263513
88810	5 (127)	3/32 (2.5)	89052	240V	Type I CN	7100263517
88808	6 (152)	3/16 (5)	89053	240V	Type I CN	7100263515
88818	6 (152)	3/32 (2.5)	89053	240V	Type I CN	7100253616
88818	5 (127)	3/16 (5)	89052	240V	Type I	7100253616
88820	6 (152)	3/16 (5)	89053	240V	Type I	7100253670
88822	5 (127)	3/32 (2.5)	89052	240V	Type I	7100253673
88824	6 (152)	3/32 (2.5)	89053	240V	Type I	7100253678



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

PN	Tool Dia in. (mm)	Orbit Dia in. (mm)	Pad Included	3M Stock No.
88941	5 (127)	3/32 (2.5)	20353	7100258884
88942	5 (127)	3/16 (5)	20353	7100258886
88943	5 (127)	5/16 (8)	20353	7100258885
88944	5 (127)	3/8 (10)	20353	7100258887
88953	6 (152)	3/32 (2.5)	20465	7100259232
88954	6 (152)	3/16 (5)	20465	7100258801
88955	6 (152)	5/16 (8)	20465	7100258707
88956	6 (152)	3/8 (10)	20465	7100258799



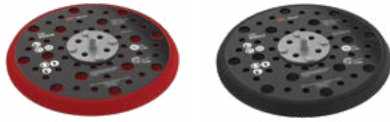
## 3M Xtract™ Pneumatic Random Orbital Sander Self-Generated Vacuum

PN	Tool Dia in. (mm)	Orbit Dia in. (mm)	Pad Included	3M Stock No.
88945	5 (127)	3/32 (2.5)	20353	7100264073
88946	5 (127)	3/16 (5)	20353	7100264068
88947	5 (127)	5/16 (8)	20353	7100264239
88948	5 (127)	3/8 (10)	20353	7100264069
88957	6 (152)	3/32 (2.5)	20465	7100264077
88958	6 (152)	3/16 (5)	20465	7100264079
88959	6 (152)	5/16 (8)	20465	7100264078
88960	6 (152)	3/8 (10)	20465	7100264070

### \*Plug Type for Country Compatability

Plug Type	Country
Type B	Canada, Mexico, United States, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Peru, Trinidad, Japan, Philippines, Taiwan, Lebanon
Type E - EU	Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Israel, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Turkey, Ukraine
Type G	Malaysia, Singapore, UK Ireland, Gulf, Saudi Arabia
EN60309	UK
Type I CN	China, Hong Kong
Type EK	Korea
Type I	Australia, New Zealand, Argentina

# Pneumatic and Random Orbital Sander Tools & Accessories (cont.)



## 3M Xtract™ Back Up Pads

Description	Hardness	PN	Size in. (mm)	# of holes	3M Stock No.	Pads/Case
Low Profile	Extra Hard	89052	5 (125)	44	7100273845	10
		89053	6 (152)	49	7100273863	
	Firm	20353	5 (125)	44	7100037832	10
		89410	5 (125)	44	7100273463	
		89409	6 (152)	49	7100270476	
		20356	6 (152)	52	7100027464	
		20465	6 (152)	49	7100022038	
		20290	5 (125)	44	7100182135	
	Soft	20425	6 (152)	52	7000118613	10



## 3M Xtract™ Filter Bags

PN	Size	Capacity	Feature	3M Stock No.
65967	Large	Holds up to 0.5 lbs (0.226 kg)	HEPA-rated	7100296135
65968	Extra-Large	Holds up to 3 lbs (1.36kg)	HEPA-rated	7100296134



## 3M™ Filter Bag Adaptors

PN	Description	3M Stock No.
28383	Filter Bag End Cap 1" (25.4mm) Diameter	7000042706
20453	Filter Bag End Cap 1" (25.4mm) EXT Hose Thread x1" (25.4mm) Diameter	7000000361
A0778	Hose Seal	7000118731



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

Descript.	Hardness	PN	Size in. (mm)	# of holes	3M Stock No.	Pads/Case	Use with PN
Low Profile Disc Pads	Firm	20444	5 (125)	44	7000045012	20	20353
		20443	5 (125)	44	7000045011		20206
		20446	6 (152)	44	7000042703		20356
		20445	6 (152)	44	7000118615		05865



## 3M™ Vacuum Hoses

PN	Length ft (m)	Inner dia. / Thread inch (mm)	Feature	3M Stock No.
28730	4 (1.2)	1 / 1 (25.4 / 25.4) EXT	Black, Anti-Static	7010362547
28301	6 (1.8)	1 / 1 (25.4 / 25.4) EXT	Red	7000045247
28393	60 (18.3)	1 / 1 (25.4 / 25.4) EXT	Red	7000045271



## 3M™ Vacuum Hoses Adaptors

PN	End 1 inch (mm)	End 2 inch (mm)	3M Stock No.
30442	1 (25.4) INT Thread	1 (25.4) INT Thread	7000119372
20340	1 (25.4) INT Thread	1-1/4 (31.75) INT Thread	7000045004
28304	1 (25.4) EXT Thread	1 (25.4) Push-On	7000045250
30324	1 (25.4) INT Thread	3/4 (19) Push-On	7000045309
20341	1 (25.4) INT Thread	1-1/2 (38.1) Push-On	7000045005
30441	1 (25.4) Push-On	1-1/4 (31.75) Push-On	7000045312
30440	1 (25.4) Push-On	1-1/2 (38.1) Push-On	7000045311
30439	1 (25.4) Push-On	2 (50.8) Push-On	7000045310

# Portable Dust Extractor Tool & Accessories



## 3M Xtract™ Portable Dust Extractor

PN	Voltage	*Plug Type	Weight lb (kg)	Length inch (cm)	Width inch (cm)	Height inch (cm)	3M Stock No.
64256	110 V	Type B	43.21 (19.6)	21 (53)	16 (40)	22 (56)	7100260425
64159	240 V	Type E	43.21 (19.6)	21 (53)	16 (40)	22 (56)	7100259732
64193	110 V	EN60309	43.21 (19.6)	21 (53)	16 (40)	22 (56)	7100260424
48891	240 V	Type G	43.21 (19.6)	21 (53)	16 (40)	22 (56)	7100296910

### Includes:

A: 3M™ Filter Cartridge Class H, 95259

B: 3M™ Poly Bag, 95981

C: 3M™ Push Handle, 96804

D: 33M™ Hose, 95291, 27 mm/4 m, Conductive

### \*Plug Type for Country Compatibility

Plug Type	Country
Type B	Canada, Mexico, United States, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Peru, Trinidad, Japan, Philippines, Taiwan, Lebanon
Type E - EU	Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Israel, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Turkey, Ukraine
Type G	Malaysia, Singapore, UK Ireland, Gulf, Saudi Arabia
EN60309	UK
Type I CN	China, Hong Kong
Type EK	Korea
Type I	Australia, New Zealand, Argentina



## 3M™ Filter Cartridges & Bags

PN	Type	Description	UPC
95151	Class M	Filter efficiency: 99.9%	064035-04192-2
95259	Class H	Filter efficiency: 99.995% HEPA-rated	064035-04204-2
95953	Fleece	Capacity: 2.2–4.4 lbs (1–2 kg)	064035-04185-4
95981	Poly	Capacity: 22–26.5 lbs (10–12 kg)	064035-04186-1



## 3M™ Attachments

PN	Product Name	Description	UPC
96772	3M™ Adaptor Plate	Adaptor Plate for stable fixing of storage boxes on top of the unit	064035-04208-0
96804	3M™ Push Handle	Push Handle for comfortable steering of the PDE. Aids hose management.	064035-04194-6



## 3M™ Vacuum Hoses & Adaptors

PN	Product Name	Description	UPC
95291	3M™ Hose 1 1/16 in (27mm) / 13.1 ft (4m) Conductive	27 mm /4 m conductive, anti-static with connectors to PDE and tapered adaptor 97071.	064035-04205-9
95654	3M™ Y Hose Adaptor	Plastic Y-double connector, with bayonet for connecting 2 suction hoses regardless of hose diameter, for the same work independently.	064035-04182-3
97071	3M™ Connective Adaptor	Rubber tapered adaptor with multi-diameter connector to enable connection to variety of power tools. Electrically conductive.	064035-04040-6



## 3M™ Cleaning Accessories

PN	Product Name	Description	UPC
96043	3M™ Floor Nozzle	Plastic floor nozzle with brushes and rollers.	064035-04206-6
96359	3M™ Telescopic Pipe	Telescopic stainless-steel pipe, extendable from 22 7/16–37 13/32 in (57–95 cm) and click-in lock.	064035-04187-8
96418	3M™ Nozzle Adaptor	Nozzle Adaptor for small areas, made from plastic.	064035-04183-0
96457	3M™ Brush Adaptor	Brush Adaptor - suction cleaning brush, made from plastic with bristles.	064035-04184-7

Learn more about how you can leave the dust behind at [3MXtract.com](http://3MXtract.com).



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**Phone 1-866-279-1235**  
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#### Claims References

<sup>1</sup> Up to 99% dust extraction: Determined by measuring captured dust through an automated sanding test using solid surface material. Percentage is measured by understanding total mass loss captured and not captured. 3M Xtract™ Self-Generated Vacuum Random Orbital Sander, part number 88946, was utilized for sanding and dust capture with 3M Xtract™ filter bag, part number 89137.

<sup>2</sup> Cuts up to twice as fast: Compared to 3M Aluminium Oxide Abrasive Products. Results are based on total cut over four x ninety second cycles on an automated test with maple material using 5 inch / 127mm 80 grit discs and 3M Xtract™ Low Profile Finishing Back-up Pad 20290. End of life is defined as when the 3M disc cut rate drops to 75% of the initial cut rate of the conventional abrasive disc.

<sup>3</sup> Lasts up to six times as long: Compared to 3M Aluminium Oxide Abrasive Products. Results are based total cut over twenty four x ninety second cycles on an automated test with maple material using 5 inch / 127 mm 180 grit discs and 3M Xtract™ Low Profile Finishing Back-up Pad 20290.

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