

3M™ Power Tools and Accessories



# Optimize Performance

Maximizing Efficiency



**3M**

# 3M™ Power Tools

A full family of innovative tools

to optimize

your abrasive performance  
& maximize your comfort.

- Random Orbital Sanders
  - Electric
  - Pneumatic
- Nib Sanders
- Buffers
- Orbital Sanders



# Table of Contents

■ <b>Tool Features</b> .....	<b>2–3</b>
■ <b>Tool Specifications</b> .....	<b>4–9</b>
■ <b>Tool Accessories</b> .....	<b>10–16</b>
■ <b>Replacement Parts for Orbital/Random Orbital Sanders</b> Does not include Elite Series .....	<b>17–19</b>
■ <b>Sanding Techniques &amp; Tips</b> .....	<b>20–21</b>

# 3M™ Power Tools Features

## Non-Vacuum Tools

Powerful and popular non-vacuum tools meet or exceed highest performance standards.



## 3M™ Elite Series of Orbital Sanders

We took our best line of air-powered Random Orbital Sanders and just made it better.



## Self-Generated Vacuum Tools

Take dust-management to the next level with powerful self-generated vacuum tools. Featuring 3M-patented Clean Sanding system with improved filter bag.



- Exclusive 3M™ Gripping Material
- Extended, curved wrist rest for more support
- Lever is recessed, eliminating pinch points
- Internal muffler won't break off and decreases noise by as much as 6 dB
- Durable composite cover helps prevent cracked housings
- Improved dust collection port
- Improved access to air fitting on self-generated vacuum tools

## Central Vacuum Tools

Easily attaches to your existing central vacuum system for efficient dust-evacuation.



## 3M™ Electric Random Orbital Sanders

Consistent performance when air supply is inadequate or mobility is needed.

- Provides significant energy cost savings vs. pneumatics
- Low-profile design enables increased operator control and less vibration
- Extended, curved wrist rest for more support
- Exclusive 3M™ Gripping Material
- Variable speed settings



## 3M™ Pistol Grip Rotary Disc Sander and Random Orbital Disc Sander

These tools are engineered for small area sanding steps. They deliver the right combination of speed, power and performance.





### Available in 2-handed Models

For extra leverage and power, choose the two-handed 3M™ Random Orbital Sander.



### 3M™ Nib Removal Sander

This tool is designed for use in AOEM paint shop applications for sanding nibs or defects on the clearcoat, used with 3M™ Trizact™ Finesse-it™ Film Disc 466LA. It provides very uniform sanding scratches with a superior finish, leaving the surface ready for buffing application as next steps.



### 3M™ Mini-Random Orbital Sander 1-1/4"

Use with the 3M™ Trizact™ Finesse-it™ Paint Repair System. Lightweight, this unique one-piece shaft balancer system supports the low profile design and improved control.



### 3M™ Buffer

Lightweight tool designed for use in AOEM paint shop applications for buffing or polishing today's paint finishes. Use with 3M™ Finesse-it™ Polishes and Foam Buffing Pads for a uniform finish.



### 3M™ Pistol Grip Buffer

This tool is equipped with a durable composite body and is built with strong, yet lightweight, components.



### 3M™ Electric Variable Speed Polisher

Electric variable speed polisher designed to compound/buff/polish various substrates including but not limited to automotive paint, marine finishes, fiberglass gel coat, acrylics, etc. Electric module provides full power/maintains speed, even under load. Variable speed dial lets you adjust speeds for different substrates. Spindle lock conveniently located in gear head, includes three position side handle. 3M™ Gripping Material strategically located on handle for greater operator comfort. 11 Amps.



### 3M™ Polisher

This dual-action, air-powered tool used with 3M™ Perfect-It™ Polish provides one-step buffing on most paint systems.



## 3M™ Elite Non-Vacuum Random Orbital Sanders



Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
<b>Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28494	3/16 (5)	1.52 (.692)	5.78 (147)	3.64 (92.5)	Stikit™ 20348	051141-28494-1
28496	3/32 (2.5)	1.31 (.596)	5.78 (147)	3.38 (86)	Stikit™ 20348	051141-28496-5
<b>Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28495	5/16 (8)	1.8 (.817)	6.77 (172)	3.58 (91)	Stikit™ 20351	051141-28495-8
28497	3/16 (5)	1.76 (.8)	6.77 (172)	3.58 (91)	Stikit™ 20351	051141-28497-2
28498	3/32 (2.5)	1.72 (.781)	6.77 (172)	3.58 (91)	Stikit™ 20351	051141-28498-9
<b>Tool Diameter: 6" (152mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28499	5/16 (8)	1.91 (.869)	7.36 (187)	3.58 (91)	Stikit™ 20354	051141-28499-6
28500	3/16 (5)	1.86 (.844)	7.36 (187)	3.58 (91)	Stikit™ 20354	051141-28500-9
28501	3/32 (2.5)	2.1 (.957)	7.36 (187)	3.58 (91)	Stikit™ 20354	051141-28501-6

## 3M™ Non-Vacuum Random Orbital Sanders



Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
<b>Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20250†	3/16 (5)	1.65 (.75)	4.90 (124.33)	3.10 (78.61)	Hookit™ 20350	051141-20250-1
20314†	3/32 (2.5)	1.12 (.51)	4.90 (124.33)	3.10 (78.61)	Stikit™ 20348	051141-20314-0
<b>Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20253†	5/16 (8)	1.65 (.75)	5.89 (149.6)	3.26 (82.9)	Stikit™ 20351	051141-20253-2
20317	3/16 (5)	1.65 (.75)	5.89 (149.6)	3.26 (82.9)	Stikit™ 20351	051141-20317-1
20320†	3/32 (2.5)	1.59 (.72)	5.84 (148.4)	3.26 (82.9)	Stikit™ 20351	051141-20320-1
<b>Tool Diameter: 6" (150mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20324	5/16 (8)	1.78 (.81)	6.39 (162.3)	3.26 (82.9)	Stikit™ 20354	051141-20324-9
20325	3/16 (5)	1.74 (.79)	6.39 (162.3)	3.26 (82.9)	Stikit™ 20354	051141-20325-6
20328†	3/32 (2.5)	1.68 (.76)	6.34 (161.1)	3.26 (82.9)	Stikit™ 20354	051141-20328-7

† Slated to be discontinued.



28511/28513      28512/28514/28515      28510/28516/28517

### 3M™ Elite Self-Generated Vacuum Random Orbital Sanders\*

Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
<b>Tool Diameter: 3" (77mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
28511	3/16 (5)	1.65 (.752)	8.22 (209)	3.64 (92.5)	Hookit™ 20350	051141-28511-5
28513	3/32 (2.5)	1.43 (.651)	8.14 (207)	3.44 (87.5)	Hookit™ 20350	051141-28513-9
<b>Tool Diameter: 5" (127mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
28512	5/16 (8)	1.9 (.866)	9.21 (234)	3.64 (92.6)	Hookit™ 20353	051141-28512-2
28514	3/16 (5)	1.87 (.85)	9.21 (234)	3.64 (92.6)	Hookit™ 20353	051141-28514-6
28515	3/32 (2.5)	1.83 (.833)	9.21 (234)	3.64 (92.6)	Hookit™ 20353	051141-28515-3
<b>Tool Diameter: 6" (152mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
28510	5/16 (8)	2.04 (.927)	9.64 (245)	3.64 (92.6)	Hookit™ 20356	051141-28510-8
28516	3/16 (5)	1.99 (.904)	9.64 (245)	3.64 (92.6)	Hookit™ 20356	051141-28516-0
28517	3/32 (2.5)	1.92 (.874)	9.64 (245)	3.64 (92.6)	Hookit™ 20356	051141-28517-7

\*One (1) each of the following included: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal

### 3M™ Self-Generated Vacuum Random Orbital Sanders\*



20252/20316      20255/20319/20322      20208/20327/20330

Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Clean Sanding Pad Included	UPC
<b>Tool Diameter: 3" (77mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
20252†	3/16 (5)	1.30 (.59)	5.01 (127.33)	3.10 (78.61)	Hookit™ 20350	051141-20252-5
20316†	3/32 (2.5)	1.30 (.59)	5.01 (127.33)	3.10 (78.61)	Hookit™ 20350	051141-20316-4
<b>Tool Diameter: 5" (127mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
20255†	5/16 (8)	1.83 (.83)	6.12 (155.4)	3.33 (84.5)	Hookit™ 20353	051141-20255-6
20319	3/16 (5)	1.83 (.83)	6.12 (155.4)	3.33 (84.5)	Hookit™ 20353	051141-20319-5
20322†	3/32 (2.5)	1.76 (.80)	5.98 (151.9)	3.33 (84.5)	Hookit™ 20353	051141-20322-5
<b>Tool Diameter: 6" (150mm)    Max RPM: 12,000    Motor: .28 HP (209 W)    Airflow Rate: 17 SCFM (481 LPM)</b>						
20208	5/16 (8)	1.96 (.89)	6.47 (164.4)	3.33 (84.5)	Hookit™ 20356	051141-20208-2
20327	3/16 (5)	1.96 (.89)	6.47 (164.4)	3.33 (84.5)	Hookit™ 20356	051141-20327-0
20330†	3/32 (2.5)	1.90 (.86)	6.42 (163.2)	3.33 (84.5)	Hookit™ 20356	051141-20330-0

\*One (1) each of the following included: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal

† Slated to be discontinued.



### 3M™ Elite Central-Vacuum-Ready Random Orbital Sanders



Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
<b>Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28503	3/16 (5)	1.63 (.742)	7.99 (203)	3.64 (92.5)	Hookit™ 20350	051141-28503-0
28505	3/32 (2.5)	1.41 (.644)	7.91 (201)	3.44 (87.5)	Hookit™ 20350	051141-28505-4
<b>Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28504	5/16 (8)	1.89 (.86)	8.93 (227)	3.64 (92.6)	Hookit™ 20353	051141-28504-7
28506	3/16 (5)	1.86 (.844)	8.93 (227)	3.64 (92.6)	Hookit™ 20353	051141-28506-1
28507	3/32 (2.5)	1.82 (.826)	8.93 (227)	3.64 (92.6)	Hookit™ 20353	051141-28507-8
<b>Tool Diameter: 6" (152mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
28502	5/16 (8)	2.02 (.918)	9.37 (238)	3.64 (92.6)	Hookit™ 20356	051141-28502-3
28508	3/16 (5)	1.97 (.896)	9.37 (238)	3.64 (92.6)	Hookit™ 20356	051141-28508-5
28509	3/32 (2.5)	1.91 (.869)	9.37 (238)	3.64 (92.6)	Hookit™ 20356	051141-28509-2

### 3M™ Central-Vacuum-Ready Random Orbital Sanders



Model No.	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Clean Sanding Pad Included	UPC
<b>Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20251†	3/16 (5)	1.26 (.57)	4.90 (124.33)	3.10 (78.61)	Hookit™ 20350	051141-20251-8
20315†	3/32 (2.5)	1.26 (.57)	4.90 (124.33)	3.10 (78.61)	Hookit™ 20350	051141-20315-7
<b>Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20254†	5/16 (8)	1.79 (.81)	5.91 (150.1)	3.33 (84.5)	Hookit™ 20353	051141-20254-9
20318†	3/16 (5)	1.79 (.81)	5.91 (150.1)	3.33 (84.5)	Hookit™ 20353	051141-20318-8
20321†	3/32 (2.5)	1.72 (.78)	5.86 (148.9)	3.33 (84.5)	Hookit™ 20353	051141-20321-8
<b>Tool Diameter: 6" (150mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM)</b>						
20213†	5/16 (8)	1.90 (.86)	6.35 (161.4)	3.33 (84.5)	Hookit™ 20356	051141-20213-6
20326†	3/16 (5)	1.90 (.86)	6.35 (161.4)	3.33 (84.5)	Hookit™ 20356	051141-20326-3
20329†	3/32 (2.5)	1.83 (.83)	6.31 (160.2)	3.33 (84.5)	Hookit™ 20356	051141-20329-4

† Slated to be discontinued.





### 3M™ Electric Random Orbital Sanders



28426



28430



Model No.	Tool Dia. Inch (mm)	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
<b>Non-Vacuum</b>		<b>Max RPM: 11,000</b>		<b>Motor: .20–.24 HP (149–179 W)</b>			
28426	5 (127)	3/32 (2.5)	1.92 (.875)	6.81 (173)	3.82 (97.2)	Stikit™ 20351	051141-28426-2
28427	5 (127)	3/16 (5)	1.98 (.9)	6.81 (173)	3.82 (97.2)	Stikit™ 20351	051141-28427-9
28428	6 (150)	3/32 (2.5)	1.99 (.905)	7.28 (185)	3.82 (97.2)	Stikit™ 20354	051141-28428-6
28429	6 (150)	3/16 (5)	2.04 (.93)	7.28 (185)	3.82 (97.2)	Stikit™ 20354	051141-28429-3
<b>Non-Vacuum Kits*</b>		<b>Max RPM: 11,000</b>		<b>Motor: .20–.24 HP (149–179 W)</b>			
28523*	5 (127)	3/32 (2.5)	1.92 (.875)	6.81 (173)	3.82 (97.2)	Stikit™ 20351	051141-28523-8
28524*	5 (127)	3/16 (5)	1.98 (.9)	6.81 (173)	3.82 (97.2)	Stikit™ 20351	051141-28524-5
28525*	6 (150)	3/32 (2.5)	1.99 (.905)	7.28 (185)	3.82 (97.2)	Stikit™ 20354	051141-28525-2
28526*	6 (150)	3/16 (5)	2.04 (.93)	7.28 (185)	3.82 (97.2)	Stikit™ 20354	051141-28526-9
<b>Central Vacuum</b>		<b>Max RPM: 11,000</b>		<b>Motor: .20–.24 HP (149–179 W)</b>			
28430	5 (127)	3/32 (2.5)	2.08 (.945)	8.42 (214)	3.8 (96.6)	Hookit™ 20353	051141-28430-9
28431	5 (127)	3/16 (5)	2.12 (.965)	8.42 (214)	3.8 (96.6)	Hookit™ 20353	051141-28431-6
28432	6 (150)	3/32 (2.5)	2.19 (.995)	8.85 (225)	3.8 (96.6)	Hookit™ 20356	051141-28432-3
28433	6 (150)	3/16 (5)	2.24 (1.02)	8.85 (225)	3.8 (96.6)	Hookit™ 20356	051141-28433-0
<b>Central Vacuum Kits*</b>		<b>Max RPM: 11,000</b>		<b>Motor: .20–.24 HP (149–179 W)</b>			
28519*	5 (127)	3/32 (2.5)	2.08 (.945)	8.42 (214)	3.8 (96.6)	Hookit™ 20353	051141-28519-1
28520*	5 (127)	3/16 (5)	2.12 (.965)	8.42 (214)	3.8 (96.6)	Hookit™ 20353	051141-28520-7
28521*	6 (150)	3/32 (2.5)	2.19 (.995)	8.85 (225)	3.8 (96.6)	Hookit™ 20356	051141-28521-4
28522*	6 (150)	3/16 (5)	2.24 (1.02)	8.85 (225)	3.8 (96.6)	Hookit™ 20356	051141-28522-1

Power Supply Input: 100–240 VAC, 47–63 Hz; Power Supply Output: 30 VDC, 5 Amps

\*Kits include (1) one each of the following: 3M™ Electric Sander, 3M™ Power Supply w/AC Power Cord (PN28436), 3M™ Power Cord (PN 28434) and Disc Pad (Non-Vacuum: 3M™ Stikit™ Disc Pad; Central Vacuum: 3M™ Hookit™ Clean Sanding Disc Pad). Kit includes canvas bag.



### 3M™ Pistol Grip Disc Sanders



28353



28547

Model No.	Description	PSI	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Thread Size	UPC
<b>Tool Diameter: 3" (77mm)</b>		<b>Max RPM: 15,000</b>		<b>Motor: 0.45 HP (336 W)</b>		<b>Airflow Rate: 22 SCFM (623 LPM)</b>		
28353	Random Orbital	90	1/8 (3)	1.79 (0.81)	4.8 (122)	5.35 (136)	5/16–24 EXT	051151-28353-1
28547	Rotary	90	N/A	1.79 (0.81)	4.8 (122)	5.35 (136)	1/4–20 EXT	051141-28547-4

## 3M™ Elite Series Orbital Sanders



Great for leveling fillers and putties. Small footprint works in areas where a large file can't. Use with 3M™ Abrasive Sheet Rolls.



Model No.	Vacuum	Orbit Dia. Inch (mm)	Motor HP (W)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
Tool Size: 2-3/4" x 7-3/4" (70mm x 198mm)					Max OPM: 10,000		Airflow Rate: 17 SCFM (481 LPM)	
28527	Non-Vac	1/8 (3)	.28 (209)	2.11 (.958)	8.11 (206)	4.09 (104)	Hookit™ 28531	051141-28527-6
28528	Central	1/8 (3)	.28 (209)	2.18 (.99)	10.2 (261)	4.09 (104)	Hookit™ 28531	051141-28528-3
28529	Self-Gen	1/8 (3)	.28 (209)	2.19 (.996)	10.5 (268)	4.09 (104)	Hookit™ 28531	051141-28529-0



## 3M™ Orbital Sanders

Model No.	Vacuum	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
Tool Size: 3" x 4" (75 x 100mm)		Max RPM: 10,000		Motor: .24 HP (179 W)		Airflow Rate: 17 SCFM (481 LPM)
20331	Non-Vac	1.43 (.65)	5.48 (139.3)	3.28 (83.5)	Hookit™ 20433	051141-20331-7
20430	Central	1.53 (.69)	5.48 (139.3)	3.28 (83.5)	Clean Sanding Hookit™ 20435	051141-20430-7
20431	Self-Gen	1.58 (.72)	5.60 (142.3)	3.28 (83.5)	Clean Sanding Hookit™ 20435	051141-20431-4



## 3M™ Random Orbital Sanders, 2-Hand

Model No.	Vacuum	Orbit Dia. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Clean Sanding Pad Included	UPC
Tool Diameter: 6" (150mm)		Max RPM: 12,000		Motor: .45 HP (336 W)		Airflow Rate: 21 SCFM (594 LPM)	
28337	Central/Non-Vac	3/8 (9.5)	2.90 (1.32)	12.93 (328.3)	4.43 (112.6)	Hookit™ 20356	051141-28337-1

## 3M™ Mini-Random Orbital Sander and Nib Removal Sander



Model No.	PSI	Weight Pound (kg)	Air Flow Rate SCFM (LPM)	Length Inch (mm)	Height Inch (mm)	Pad Included	UPC
Tool Size: 1-1/4" x 3/16"		Max RPM: 8,000		Motor: .27 HP (201 W)			
20244	90 (6.2)	1.10 (.498)	15 (425)	4.72 (120)	3.32 (84.5)	Roloc™ 02345 w/Stikit™ Face	051141-20244-0
Tool Size: 1-1/4" diameter		Max RPM: 7,500		Motor: .067 HP (50 W)			
03125	57-90	1.05 (.48)	5.3 (150)	6.5 (165)	2.875 (73)	Finesse-it™ PSA Hard Pad 3125H	051111-60536-3

## 3M™ Buffer



Model No.	PSI	Weight Pound (kg)	Air Flow Rate SCFM (LPM)	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)	UPC
Tool Size: 3" (75mm)		Max RPM: 11,000		Motor: .26 HP (194 W)			
28333	90	1.8 (.82)	17 (481)	1/4" NPT	9.18 (233)	3.92 (99.6)	051141-28333-3



## 3M™ Pistol Grip Buffer

Model No.	PSI	Weight Pound (kg)	Air Flow Rate SCFM (LPM)	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)	UPC
Tool Size: 3" (76mm)		Max RPM: 15,000		Motor: .45 HP (336 W)		Shaft Size: 5/16-24 EXT	
28354	90	1.79 (0.81)	22 (623)	1/4 NPT	5.2 (132)	5.35 (136)	051141-28354-8



## 3M™ Electric Variable Speed Polisher

Model No.	VAC	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	UPC
Tool Size: 7" (178mm)		Max RPM: 3,000		Motor: 11 Amp Shaft Size: 5/8-11 EXT	
28391	120	7.9 (3.58)	21.13 (536.7)	4.37 (110.9)	051141-28391-3



## 3M™ Polisher

Model No.	PSI	Weight Pound (kg)	Air Flow Rate SCFM (LPM)	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)	UPC
Tool Size: 3" (75mm)		Max RPM: 11,000		Motor: 0.24 HP (179 W)			
28363	90	1.79 (0.81)	17 (481)	1/4 NPT	5.2 (132)	3.75 (95)	051141-28363-0

# Orbital/Random Orbital Sander Accessories

## Random Orbital Sander Tool Accessories



Part No.	Item	Description	UPC
28302	3M™ Vacuum Hose Adapter, 1" INT Hose Thread	Used to connect 1" EXT vacuum hose to paper vacuum bag and cover bag	051141-28302-9
28301	3M™ Vacuum Hose, 1" ID x 6 ft. Length, 1" EXT Hose Thread	Used to connect Random Orbital and Orbital Sanders to a vacuum system	051141-28301-2
28393	3M™ Vacuum Hose, 1" ID x 60 ft. Length, 1" EXT Hose Thread	Used to connect Random Orbital and Orbital Sanders to a vacuum system	051141-28393-7
28304	3M™ Hose Fitting Adapter, 1" EXT Hose Thread x 1" Friction Fitting	Adapter attaches to 3M™ Vacuum Sanders and fits 1" ID vacuum hose	051141-28304-3
20340	3M™ Hose End Adapter, 1" INT Hose Thread x 1-1/4" INT Hose Thread	Use to attach a 1" threaded hose to a 1-1/4" threaded hose	051141-20340-9
20341	3M™ Hose Fitting Adapter, 1" INT Hose Thread x 1-1/2" OD Hose Adapter	1" INT hose thread x 1-1/2" OD Hose Adapter	051141-20341-6
30324	3M™ Vacuum Hose End Adapter, 3/4" x 1" Hose Thread	Used to attach a 1" ID vacuum hose to 3/4" ID vacuum hose	051141-30324-6
30439	3M™ Vacuum Hose Adapter, 1" ID to 2" ID	Used to attach a 1" ID vacuum hose to 2" ID vacuum hose	051141-30439-7
30440	3M™ Vacuum Hose Adapter, 1" ID to 1-1/2" ID	Used to attach a 1" ID vacuum hose to 1-1/2" ID vacuum hose	051141-30440-3
30441	3M™ Vacuum Hose Adapter, 1" ID to 1-1/4" ID	Used to attach a 1" ID vacuum hose to 1-1/4" ID vacuum hose	051141-30441-0
30442	3M™ Vacuum Hose Swivel Adapter, 1" ID x 1" INT Hose Thread	Used to attach a 1" ID vacuum hose to another 1" ID vacuum hose	051141-30442-7
20342	3M™ Grip 2-1/2"	3M™ Random Orbital Sander Grip — Small	051141-20342-3
20343	3M™ Grip 2-3/4" (Standard on Tool)	3M™ Random Orbital Sander Grip — Medium	051141-20343-0
20344	3M™ Grip 3"	3M™ Random Orbital Sander Grip — Large	051141-20344-7
06195	Scotch™ 48 Thread Sealant and Lubricant — 1/2" x 260"	Used to seal and lubricate threaded connections (12/case)	054007-06195-3
28303	3M™ Vacuum Bag Cover, 20" x 9"	Holds/protects paper vacuum bag insert	051141-28303-6
20338	3M™ Vacuum Bag Inserts, Green	Collects dust when using Self-Gen Vacuum Orbital or Random Orbital Sander. Connects to 1" vacuum hose with adapter (PN28302)	051141-20338-6

# Orbital/Random Orbital Sander Accessories

## 3M™ Filter Bags and Adapters



Part No.	Description	UPC	MOQ
20452	Large Filter Bag — holds up to .5 pounds	051141-20452-9	50
28364	Extra-Large Filter Bag — holds up to 3 pounds	051141-28344-7	20
28365	Backpack Assembly	051141-28365-4	1
28383	Filter Bag End Cap — 1" Diameter	051141-28383-8	1
20453	Filter Bag Adapter — 1" EXT Hose Thread x 1" Diameter	051141-20453-6	10
A0778	Hose Seal	051115-28146-4	1

## 3M™ Orbital/Random Orbital Sander Drop In Motors



Part No.	Tool Size Inch (mm)	Orbit Diameter Inch (mm)	Description	UPC	MOQ
28318	1-1/4 (32)	3/16 (5)	Mini	051141-28318-0	1
30445	3 (77)	1/2 (12)	for Original ROS	051141-30445-8	1
20216	3 (77)	3/32 (2.5)	for Original ROS	051141-20216-7	1
20217	3 (77)	3/16 (5)	for Original ROS	051141-20217-4	1
20218	5 (127)	3/32 (2.5)	for Original ROS	051141-20218-1	1
01811	5 (127)	3/16 (5)	for Original ROS	051122-01811-4	1
20256	5 (127)	5/16 (8)	for Original ROS	051141-20256-3	1
01812	6 (150)	3/32 (2.5)	for Original ROS	051122-01812-1	1
20221	6 (150)	3/16 (5)	for Original ROS	051141-20221-1	1
20222	6 (150)	5/16 (8)	for Original ROS	051141-20222-8	1
30443	6 (150)	3/16 (5)	Two-Hand	051141-30443-4	1
30444	6 (150)	3/8 (10)	Two-Hand	051141-30444-1	1
20223	3 x 4	1/8 (3.2)	for Original ROS	051141-20223-5	1
55434	5 (127)	3/32 (2.5)	for Electric ROS	051141-55434-1	1
55435	5 (127)	3/16 (5)	for Electric ROS	051141-55435-8	1
55436	6 (150)	3/32 (2.5)	for Electric ROS	051141-55436-5	1
55437	6 (150)	3/16 (5)	for Electric ROS	051141-55437-2	1

# Orbital/Random Orbital Sander Accessories

## 3M™ Orbital/Random Orbital Sander Drop In Motors

Part No.	Tool Size Inch (mm)	Orbit Diameter Inch (mm)	Description	UPC	MOQ
28605	3	3/32 (2.5)	for Elite ROS	051141-28605-1	1
28606	3	3/32 (2.5)	for Elite ROS	051141-28606-8	1
28607	5	3/32 (2.5)	for Elite ROS	051141-28608-2	1
28609	5	5/16 (8)	for Elite ROS	051141-28609-9	1
28610	5	3/8 (10)	for Elite ROS	051141-28610-5	1
28611	6	3/32 (2.5)	for Elite ROS	051141-28611-2	1
28612	6	3/16 (5)	for Elite ROS	051141-28612-9	1
28613	6	5/16 (8)	for Elite ROS	051141-28613-6	1
28614	6	3/8 (10)	for Elite ROS	051141-28614-3	1

## 3M™ Service Tool Kit

This universal kit contains all of the special tools needed to disassemble and reassemble the 3M™ Orbital and Random Orbital Sanders.



Part No.	UPC	MOQ
20215	051141-20215-0	1

## 3M™ Air Line Extensions — 300 PSI Rated



Part No.	Inside Diameter	Length	Description	Air Inlet Thread	UPC	MOQ
25119	3/8"	5"	Mini	1/4" NPT	051141-25119-6	10
20209	3/8"	4 ft.	—	1/4" NPT	051141-20209-9	1

## 3M™ Air Tool and Compressor Lubricants



Part No.	Size	Description	UPC	MOQ
20466	Quart*	Air Tool and Compressor Lubricant	051141-20466-6	12
20467	Gallon*	Air Tool and Compressor Lubricant	051141-20467-3	4
20451	4 fl. oz. (188mL)	Air Tool Lubricant	051141-20451-2	12

\*Available as special order

## 3M™ Dual Lock Rubber Skirts

Attach to 3M™ Nib Sander (PN 03125) when needed to secure the backup pad for more aggressive applications.



Part No.	Max RPM	Diameter	UPC	MOQ
20246	7,500	1-1/4"	051141-20246-4	10

# Orbital/Random Orbital Sander Accessories

## 3M™ Hookit™ Disc Pads and Holders



Part Number	Max OPM	Max RPM	Diameter	Thread Size	Face Color	Hook Type	UPC Number	MOQ
28472	15,000	15,000	3"	1/4-20 EXT	Black	2	051141-28472-9	5
05775	12,000	12,000	5"	5/16-24 EXT	Yellow	1	051131-05775-3	1
05776	12,000	12,000	6"	5/16-24 EXT	Yellow	1	051131-05776-0	1
77751	—	6,000	8"	5/8-11 INT	Black	1	051144-77751-8	1
<b>Low Profile</b>								
05755	12,000	12,000	5"	5/16-24 EXT	Yellow	1	051131-05755-5	1
20352	12,000	12,000	5"	5/16-24 EXT	Black	2	051141-20352-2	1
05756	12,000	12,000	6"	5/16-24 EXT	Yellow	1	051131-05756-2	1
20355	12,000	12,000	6"	5/16-24 EXT	Black	2	051141-20355-3	10
<b>Low Profile Finishing</b>								
77855	12,000	12,000	5"	5/16-24 EXT	Yellow	1	051144-77855-3	10

## 3M™ Hookit™ Vacuum Disc Pads and Holders



Part Number	Max OPM	Max RPM	Dia.	Ctr. Hole Diameter	Thread Size	# of Holes	Face Color	Hook Type	UPC Number	MOQ
82659	12,000	12,000	5"	—	5/16-24 EXT	5	Yellow	1	051144-82659-9	10
05876	12,000	12,000	6"	3/4"	5/16-24 EXT	7	Yellow	1	051131-05876-7	1
<b>Low Profile</b>										
05855	12,000	12,000	5"	—	5/16-24 EXT	5	Yellow	1	051131-05855-2	1
<b>Low Profile Finishing</b>										
77856	12,000	12,000	5"	—	5/16-24 EXT	5	Yellow	1	051144-77856-0	10

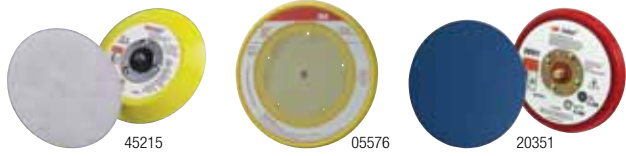
## 3M™ Hookit™ Sheet Pads



Part Number	Max OPM	Size	Thickness	Color	Face Color	Density Rating	Hook Type	UPC Number	MOQ
20433	10,000	3" x 4"	1/2"	Red	Black	Medium	1	051141-20433-8	10

# Orbital/Random Orbital Sander Accessories

## 3M™ Stikit™ Disc Pads and Holders



Part Number	Max OPM	Max RPM	Diameter	Thread Size	Face Color	UPC Number	MOQ
05575	12,000	10,000	5"	5/16-24 EXT	Blue	051144-05575-3	1
45215	12,000	10,000	5"	5/16-24 EXT	Silver	051144-45215-6	10
88736	12,000	10,000	5"	5/16-24 EXT	Blue	051144-88736-1	10
05576	12,000	10,000	6"	5/16-24 EXT	Blue	051144-05576-0	1
<b>Low Profile</b>							
20348	15,000	15,000	3"	1/4-20 EXT	Blue	051141-20348-5	10
05555	12,000	12,000	5"	5/16-24 EXT	Blue	051131-05555-1	1
85104	12,000	10,000	5"	5/16-24 EXT	Silver	051144-85104-1	10
20351	12,000	12,000	5"	5/16-24 EXT	Blue	051141-20351-5	1
20354	12,000	12,000	6"	5/16-24 EXT	Blue	051141-20354-6	1
05556	12,000	10,000	6"	5/16-24 EXT	Blue	051131-05556-8	1
<b>Low Profile Finishing</b>							
05545	12,000	12,000	5"	5/16-24 EXT	Brown	051131-05545-2	10
05546	12,000	10,000	6"	5/16-24 EXT	Brown	051131-05546-9	1

## 3M™ Stikit™ Vacuum Disc Pads and Holders



Part Number	Max OPM	Max RPM	Dia.	Thread Size	Number of Holes	Face Color	UPC Number	MOQ
45217	12,000	10,000	5"	5/16-24 EXT	5	Blue	051144-45217-0	10
45218	12,000	10,000	6"	5/16-24 EXT	6	Blue	051144-45218-7	10
<b>Low Profile</b>								
05655	12,000	12,000	5"	5/16-24 EXT	5	Blue	051131-05655-8	1
05656	12,000	10,000	6"	5/16-24 EXT	6	Blue	051131-05656-5	1
<b>Low Profile Finishing</b>								
05645	12,000	12,000	5"	5/16-24 EXT	5	Brown	051131-05645-9	10
05646	12,000	10,000	6"	5/16-24 EXT	6	Brown	051131-05646-6	1

## 3M™ Stikit™ Sheet Pads



Part Number	Max OPM	Size	Thickness	Color	Face Color	Density Rating	UPC Number	MOQ
20432	10,000	3" x 4"	1/2"	Red	Blue	Medium	051141-20432-1	10



# Orbital/Random Orbital Sander Accessories

## 3M™ Clean Sanding Disc Pads and Holders



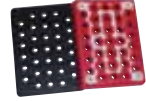
Part Number	Description	Max OPM	Max RPM	Dia.	Ctr. Hole Diameter	# of Holes	Face Color	Hook Type	UPC Number	MOQ
<b>Thread Size: 5/16–24 EXT</b>										
20427	Kit	15,000	15,000	3"	—	6	Yellow	1	051141-20427-7	5
05858	Painter's Pad	12,000	12,000	5"	3/4"	31	Yellow	1	051131-05858-3	1
20206	Back-up Pad	12,000	12,000	5"	3/4"	31	Yellow	1	051141-20206-8	10
20290	Low Profile Finishing	12,000	12,000	5"	—	40	Yellow	1	051141-20290-7	10
20353	Low Profile	12,000	12000	5"	—	44	Black	2	051141-20353-9	10
20425	—	12,000	10,000	6"	3/4"	25	Yellow	1	051141-20425-3	10
05865	Dust-Free Pad with Hookit™	12,000	12,000	6"	3/4"	25	Yellow	1	051131-05865-1	10
05551	Painter's Back-up Pad	12,000	12000	6"	3/4"	25	Yellow	1	051131-05551-3	1
20465	Low Profile 861 Plus	12,000	12,000	6"	5/8"	49	Black	2	051141-20465-9	10
20356	Low Profile	12,000	12,000	6"	—	52	Black	2	051141-20356-0	10
<b>Thread Size: 1/4–20 EXT</b>										
20428	Soft	12,000	12,000	3"	—	6	Yellow	1	051141-20428-4	10
20350	Low Profile	15,000	15,000	3"	—	3	Black	2	051141-20350-8	10

## 3M™ Clean Sanding Interface Pads



Part Number	Description	Max OPM	Max RPM	Size	Ctr. Hole Diameter	# of Holes	Face Color	Hook Type	UPC Number	MOQ
28324	Medium	12,000	—	3" x 4"	—	33	Black	3	051141-28324-1	10
28323	Medium	12,000	12,000	5" Dia.	3/4"	31	Black	3	051141-28323-4	10
05771	Soft	15,000	15,000	3" Dia.	—	6	Black	3	051131-05771-5	10
20278	Soft	12,000	12,000	5" Dia.	3/4"	31	Black	3	051141-20278-5	10
28321	Soft	12,000	12,000	5" Dia.	—	44	Black	2	051141-28321-0	10
28322	Soft	12,000	12,000	6" Dia.	—	52	Black	2	051141-28322-7	10
05777	Soft	12,000	12,000	6" Dia.	3/4"	25	Black	3	051131-05777-7	1

# Orbital/Random Orbital Sander Accessories

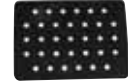


## 3M™ Hookit™ Clean Sanding Pad

20435

Part Number	Max OPM	Size	Thickness	# of Holes	Color	Face Color	Density Rating	Hook Type	UPC Number	MOQ
20435	10,000	3" x 4"	1/2"	33	Red	Black	Medium	1	051141-20435-2	10
28531	—	70 x 198mm	12.7mm	56	Red	Black	Medium	1	051141-28531-3	5

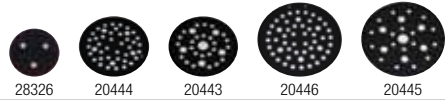
## 3M™ Clean Sanding Sheet Pad Hook Savers



28325

Part No.	Max OPM	W x L Inch (mm)	Number of Holes	Face Color	Hook Type	UPC
28325	12,000	3 x 4 (76 x 100)	33	Black	2	051141-28325-8

## 3M™ Clean Sanding Disc Pad Hook Savers



Part No.	Max RPM	Max OPM	Diameter Inch (mm)	Ctr. Hole Dia. Inch	Number of Holes	Face Color	Hook Type	UPC	MOQ
28326	15,000	15,000	3 (76)	—	3	Black	2	051141-28326-5	20
20444	12,000	12,000	5 (125)	—	44	Black	2	051141-20444-4	20
20443	12,000	12,000	5 (125)	3/4	31	Black	2	051141-20443-7	20
20446	12,000	12,000	5 (125)	—	52	Black	2	051141-20446-8	20
20445	12,000	12,000	6 (152)	3/4	25	Black	2	051141-20445-1	20

# Electric Random Orbital Sander Accessories



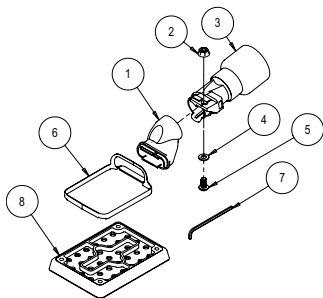
28436

## 3M™ Power Cords and Power Supply

Part No.	Description	UPC
28434	3M™ Power Cord, Low Voltage, 18AWG, 12 ft.	051141-28434-7
28435	3M™ Power Cord, Extra Long, Low Voltage, 24 ft.	051141-28435-4
28436	3M™ Power Supply with Power Cord	051141-28436-1
28478	3M™ AC Power Cord, 110 volt	051141-28478-1

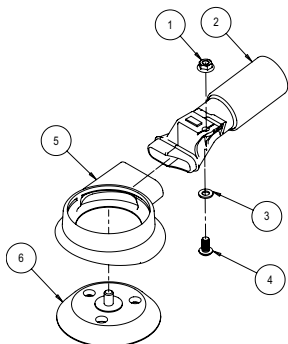
# Replacement Parts for Orbital and Random Orbital Sanders (Does not include Elite Series)

## 3" x 4" Non-Vacuum to Central Vacuum



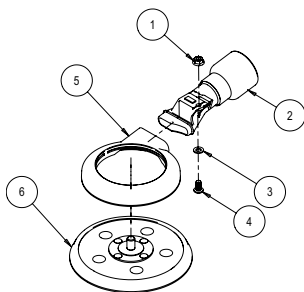
Model #	Description	Part #
① A1350	Snap-On Exhaust Adaptor	28162
② A0048	M5 Flanged Nut	28120
③ A1360	Orbital Sander Central Vacuum Swivel Exhaust Assembly, 1" (28mm)	28168
④ A0047	M5 Washer	28119
⑤ A0769	Screw	28145
⑥ A1356	Shroud Seal	28166
⑦ A0864	Hex Wrench, 2.5mm	28147
⑧ 20435	3M™ Hookit™ Clean Sanding Pad, 3" x 4" x 1/2", Red Foam	20435

## 3" Non-Vacuum to Central Vacuum



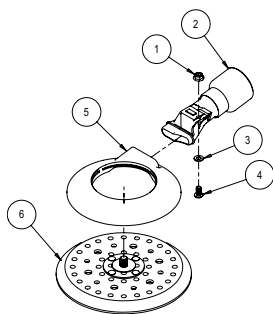
Model #	Description	Part #
① A0048	M5 Flanged Nut	28120
② A1343	Central Vacuum Random Orbital Sander Swivel Exhaust Assembly	28157
③ A0047	M5 Washer	28119
④ A0769	Screw	28145
⑤ A1335	Random Orbital Sander Shroud	28155
⑥ 20350	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 3" x 1/2" x 1/4"—20 EXT, 3 Holes, Red Foam	20350

## 5" Non-Vacuum to Central Vacuum



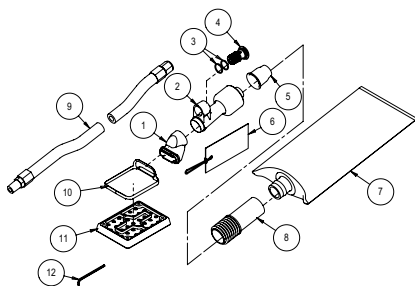
Model #	Description	Part #
① A0048	M5 Flanged Nut	28120
② A1343	Central Vacuum Random Orbital Sander Swivel Exhaust Assembly	28157
③ A0047	M5 Washer	28119
④ A0769	Screw	28145
⑤ A1347	Shroud	28159
⑥ 20353	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 5" x 3/8" x 5/16"—24 EXT, 44 Holes, Red Foam	20353

# Replacement Parts for Orbital and Random Orbital Sanders (Does not include Elite Series)



## 6" Non-Vacuum to Central Vacuum

Model #	Description	Part #
① A0048	M5 Flanged Nut	28120
② A1343	Central Vacuum Random Orbital Sander Swivel Exhaust Assembly	28157
③ A0047	M5 Washer	28119
④ A0769	Screw	28145
⑤ A1348	Random Orbital Sander Clean Sanding Shroud	28160
⑥ 20356	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 6" x 3/8" x 5/16"—24 EXT, 52 Holes, Red Foam	20356

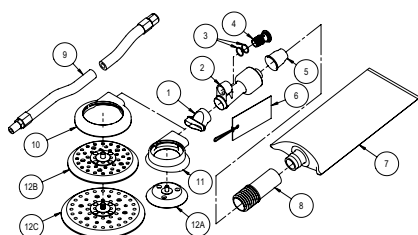


## 3" x 4" Non-Vacuum to Self-Generated Vacuum

Model #	Description	Part #
① A1350	Snap-On Exhaust Adaptor	28162
② A1338	Self-Generated Vacuum Hose Swivel Exhaust Assembly, 1" (28mm)	28156
③ A0044	O-Ring, 14" x 1-1/2"	28117
④ A0722	Self-Generated Vacuum Retainer	28141
⑤ A00778	Hose Seal	28146
⑥ NA	TAG	NA
⑦ 20452	Clean Sanding Filter Bag, Large	20452
⑧ 20453	Filter Bag Adaptor, 1" EXT Hose Thread x 1" ID	20453
⑨ 20209	Random Orbital Sander Air Line Extension, 3/8" x 4'	20209
⑩ A1356	Shroud Seal	28166
⑪ 20435	3M™ Hookit™ Clean Sanding Pad, 3" x 4" x 1/2", Red Foam	20435
⑫ A0864	Hex Wrench, 2.5mm	28147

# Replacement Parts for Orbital and Random Orbital Sanders (Does not include Elite Series)

## 3", 5", 6" Non-Vacuum to Self-Generated Vacuum



Model #	Description	Part #
① A1333	Self-Generated Vacuum Shroud Adaptor	28153
② A1338	Self-Generated Vacuum Hose Swivel Exhaust Assembly, 1" (28mm)	28156
③ A0044	O-Ring, 14" x 1-1/2"	28117
④ A0006	Self-Generated Vacuum Retainer	28095
⑤ A00778	Hose Seal	28146
⑥ NA	TAG	NA
⑦ 20452	Clean Sanding Filter Bag, Large	20452
⑧ 20453	Filter Bag Adaptor, 1" EXT Hose Thread x 1" ID	20453
⑨ 20209	Random Orbital Sander Air Line Extension, 3/8" x 4'	20209
⑩ A1347	5"/6" Shroud	28159
⑩ A1348	6" Random Orbital Sander Clean Sanding Shroud	28160
⑪ A1335	3" Random Orbital Sander Shroud	28155
⑫A 20350	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 3" x 1/2" x 1/4"-20 EXT, 3 Holes, Red Foam	20350
⑫B 20353	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 5" x 3/8" x 5/16"-24 EXT, 44 Holes, Red Foam	20353
⑫C 20356	3M™ Hookit™ Clean Sanding Low Profile Disc Pad, 6" x 3/8" x 5/16"-24 EXT, 52 Holes, Red Foam	20356
<b>Optional</b>		
28301	Vacuum Hose, 1" ID x 6'	28301
28302	Vacuum Hose Adaptor, 1" INT Hose Thread	28302
A1434	Vacuum Bag Cover, 20" x 9"	28303
20338	Vacuum Bag Inserts	20338

## Air Basics

To optimize compressed air output and delivery:

90 psi under load —  
use your gauge

3/8" (10mm) minimum air  
line inside diameter

Use minimum length of  
airline hose necessary;  
no more than 25 ft. (8m)

High flow air fittings  
(3/16" marginal; 7/32"  
better; 9/32" best)

Observe compressed  
air demand throughout  
the plant

Maximum working air  
pressure 6.2 bar (90 psig)

Tool	Airflow Rate	PSI
.3 HP	17 SCFM (481 LPM)	90
.5 HP	23 SCFM (651 LPM)	90
1 HP	35 SCFM (991 LPM)	90

## General Sanding Tips

### Technical Recommendations for 3M™ Air-Powered Tools

- Use a clean, dry, lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully depressed. **Note:** Tools can be run at lower pressures, but should **never be run higher than 6.2 bar (90 psig)**. If run at a lower pressure, the performance of the tool is reduced.
- Use an approved 10mm x 8m (3/8" x 25') or 13mm x 8m (1/2" x 25') maximum length air line.
- Connect the tool to the air supply.
- It is strongly recommended that an air filter, regulator and lubricator (FRL) be used to supply clean, lubricated air at the correct pressure to the tool. If such equipment is not used, the tool should be manually lubricated.

### To manually lubricate the tool:

- Disconnect the air line and put 2–3 drops of suitable pneumatic motor lubricating oil, such as 3M™ Air Tool Lubricant 20451, into the hose end (inlet) of the tool.
- Reconnect tool to the air supply and tap the lever to allow air to circulate the oil. Lubricate at end of day and allow oil to penetrate over night for best results.
- Lubricate daily if the tool is used frequently or if the tool starts to slow or lose power.



## Random Orbital Sanding Tips

Select the orbit that's right for your project



3/8" Diameter Orbit  
most aggressive sanding



Gold – 3/8"



3/16" Diameter Orbit  
general purpose sanding



Silver – 3/16"



5/16" Diameter Orbit  
aggressive sanding



Black – 5/16"



3/32" Diameter Orbit  
fine finish sanding



Chrome – 3/32"

Lever indicates orbit diameter.

### Basic ROS Techniques

- 1) Start the tool ON the surface; stop the tool OFF the surface to avoid "swirl marks"
- 2) Run the tool flat on work piece (no tipping on edge)
- 3) Light operator hand pressure on the tool handle (let the tool do the work)
- 4) North, south, east, west sanding pattern for a uniform, quality finish

### Troubleshooting Checklist

- Check for correct PSI and RPM
- Check airline length, leaks, fitting and inside diameter
- Check tool lubrication schedule
- Look for worn bearings
- Look for damaged disc pad
- Are the tool and disc pad diameter the same?
- Is the lever damaged or the muffler clogged?
- Is the speed control adjuster turned down?

## Disc Sander Tips

### Pick the Right Disc Pad and Tool Configuration for Best Results

Diameter	Thread Size	Max RPM	Hardness	UPC	Quantity
<b>Roloc TR (Plastic Button)</b>					
1"	1/4"-20 INT	30,000	Medium	051144-45101-2	5
1-1/2"	1/4"-20 INT	30,000	Soft	051144-45098-5	5
			Medium	051144-45099-2	
			Hard	051144-45100-5	
2"	1/4"-20 INT	20,000	Soft	051144-45094-7	5
			Medium	051144-45095-4	
			Hard	051144-45096-1	
3"	1/4"-20 INT	25,000	Extra Hard	051144-45097-8	5
			Soft	051144-45090-9	
			Medium	051144-45092-3	
			Hard	051144-45091-6	
		20,000	Extra Hard	051144-45093-0	

### 3M™ Roloc™ Disc Pad Assemblies

Diameter	Thread Size	Max RPM	UPC	Quantity
1"	1/4"-20 INT	30,000	051131-05538-4	10
2"	1/4"-20 INT	25,000	051144-05539-5	10
3"	1/4"-20 INT	20,000	051144-05540-5	10

### MOS Speed Ratings

The lowest RPM rating of an abrasive or accessory determines the RPM of the tool it can run on. Be very aware of these ratings.

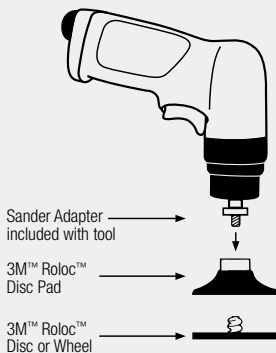
### Unique Factors

Be sure to consider operator preference of tool power, size and weight.

## Versatile Attachment System

### SHORT- "Direct Mount" Backup Pad Attachment

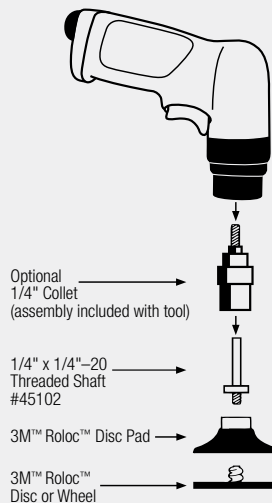
Shorter distance to the work piece generates less vibration and allows for better operator control.



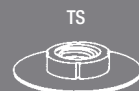
\*Direct mount to disc pad.

### TALL- 1/4" Collet Option

Allows for longer reach and mounting of other abrasives and 1/4" accessories.



### 3M™ Roloc™ Attachment Systems



# Optimize Results With 3M™ Power Tools

**Product Use:** All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the 3M product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

**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 OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M tool is fit for a particular purpose and suitable for user's application. User must operate the tool in accordance with all applicable operating instructions, safety precautions, and other procedures stated in the operating manual to be entitled to warranty coverage. 3M shall have no obligation to repair or replace any tool or part that fails due to normal wear, inadequate or improper maintenance, inadequate cleaning, non-lubrication, improper operating environment, improper utilities, operator error or misuse, alteration or modification, mishandling, lack of reasonable care, or due to any accidental cause. If a tool or any part thereof is defective within this warranty period, your exclusive remedy and 3M's sole obligation will be, at 3M's option, to repair or replace the tool or refund the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

**For warranty and repair service,  
call 1-800-362-3550.**



**Abrasive Systems Division**  
3M Center  
Building 223-6S-03  
St. Paul, MN 55144-1000  
[www.3M.com/Abrasives](http://www.3M.com/Abrasives)

**Automotive  
Aftermarket Division**  
3M Center  
Building 223-6N-01  
St. Paul, MN 55144-1000  
[www.3M.com/Automotive](http://www.3M.com/Automotive)

3M, Finesse-it, Hookit, Roloc, Scotch, Stikit and Trizact are trademarks of 3M.

Please recycle. Printed in U.S.A.  
© 3M 2011. All rights reserved.  
Bolger 11110113  
61-5002-8213-4