

3M™ Power Tools and Accessories



Optimize Performance

Maximizing Efficiency



3M

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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 |
|--|----------------------|-------------------|------------------|------------------|---------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (152mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|--|----------------------|-------------------|------------------|------------------|---------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (150mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|---|----------------------|-------------------|------------------|------------------|---------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (152mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|---|----------------------|-------------------|------------------|------------------|----------------------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (150mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|--|----------------------|-------------------|------------------|------------------|---------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (152mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|--|----------------------|-------------------|------------------|------------------|----------------------------|----------------|
| Tool Diameter: 3" (77mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 5" (127mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
| Tool Diameter: 6" (150mm) Max RPM: 12,000 Motor: .28 HP (209 W) Airflow Rate: 17 SCFM (481 LPM) | | | | | | |
| 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 |
|-----------------------------|---------------------|------------------------|-------------------|--------------------------------------|------------------|---------------|----------------|
| Non-Vacuum | | Max RPM: 11,000 | | Motor: .20–.24 HP (149–179 W) | | | |
| 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 |
| Non-Vacuum Kits* | | Max RPM: 11,000 | | Motor: .20–.24 HP (149–179 W) | | | |
| 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 |
| Central Vacuum | | Max RPM: 11,000 | | Motor: .20–.24 HP (149–179 W) | | | |
| 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 |
| Central Vacuum Kits* | | Max RPM: 11,000 | | Motor: .20–.24 HP (149–179 W) | | | |
| 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 |
|---------------------------------|----------------|------------------------|----------------------|-------------------------------|------------------|--|-------------|----------------|
| Tool Diameter: 3" (77mm) | | Max RPM: 15,000 | | Motor: 0.45 HP (336 W) | | Airflow Rate: 22 SCFM (623 LPM) | | |
| 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.



28527



28528



28529

| 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 |



20331



20430



20431

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 |



28337

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 |
| Low Profile | | | | | | | | |
| 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 |
| Low Profile Finishing | | | | | | | | |
| 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 |
| Low Profile | | | | | | | | | | |
| 05855 | 12,000 | 12,000 | 5" | — | 5/16-24 EXT | 5 | Yellow | 1 | 051131-05855-2 | 1 |
| Low Profile Finishing | | | | | | | | | | |
| 77856 | 12,000 | 12,000 | 5" | — | 5/16-24 EXT | 5 | Yellow | 1 | 051144-77856-0 | 10 |

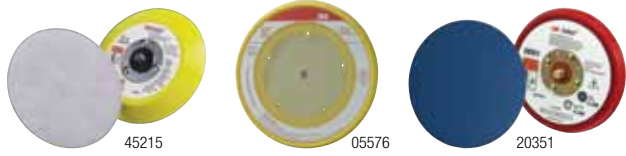
3M™ Hookit™ Sheet Pads



| 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 |
| Low Profile | | | | | | | |
| 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 |
| Low Profile Finishing | | | | | | | |
| 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 |
| Low Profile | | | | | | | | |
| 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 |
| Low Profile Finishing | | | | | | | | |
| 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



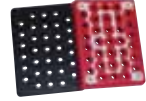
| Part Number | Description | Max OPM | Max RPM | Dia. | Ctr. Hole Diameter | # of Holes | Face Color | Hook Type | UPC Number | MOQ |
|---------------------------------|----------------------------|---------|---------|------|--------------------|------------|------------|-----------|----------------|-----|
| Thread Size: 5/16–24 EXT | | | | | | | | | | |
| 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 |
| Thread Size: 1/4–20 EXT | | | | | | | | | | |
| 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 |

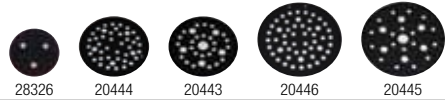
3M™ Clean Sanding Sheet Pad Hook Savers



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



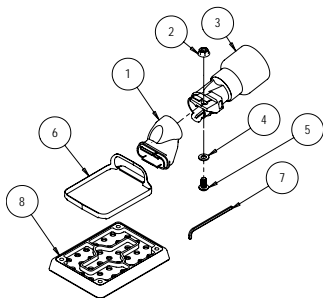
28436

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 |

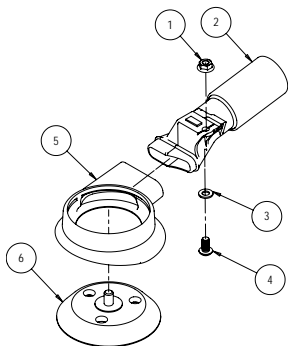
Replacement Parts for Orbital and Random Orbital Sanders (Does not include Elite Series)

3" x 4" Non-Vacuum to Central Vacuum



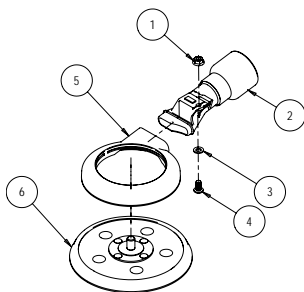
| Model # | Description | Part # |
|---------|--|--------|
| ① A1350 | Snap-On Exhaust Adaptor | 28162 |
| ② A0048 | M5 Flanged Nut | 28120 |
| ③ A1360 | Orbital Sander Central Vacuum Swivel Exhaust Assembly, 1" (28mm) | 28168 |
| ④ A0047 | M5 Washer | 28119 |
| ⑤ A0769 | Screw | 28145 |
| ⑥ A1356 | 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



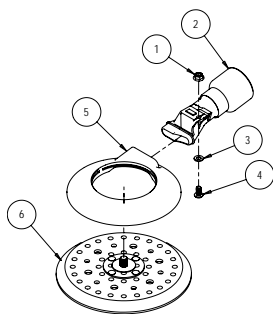
| Model # | Description | Part # |
|---------|--|--------|
| ① A0048 | M5 Flanged Nut | 28120 |
| ② A1343 | Central Vacuum Random Orbital Sander Swivel Exhaust Assembly | 28157 |
| ③ A0047 | M5 Washer | 28119 |
| ④ A0769 | Screw | 28145 |
| ⑤ A1335 | Random Orbital Sander Shroud | 28155 |
| ⑥ 20350 | 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



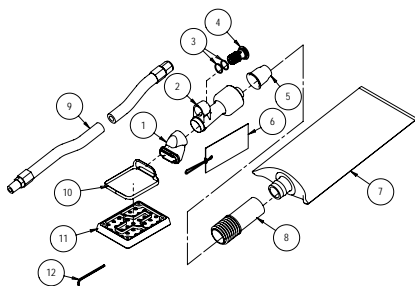
| Model # | Description | Part # |
|---------|--|--------|
| ① A0048 | M5 Flanged Nut | 28120 |
| ② A1343 | Central Vacuum Random Orbital Sander Swivel Exhaust Assembly | 28157 |
| ③ A0047 | M5 Washer | 28119 |
| ④ A0769 | Screw | 28145 |
| ⑤ A1347 | Shroud | 28159 |
| ⑥ 20353 | 3M™ Hookit™ Clean Sanding 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 |

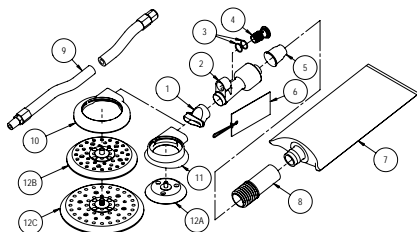


3" x 4" Non-Vacuum to Self-Generated Vacuum

| 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 |
| Optional | | |
| 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 |
|----------------------------------|-------------|---------|------------|----------------|----------|
| Roloc TR (Plastic Button) | | | | | |
| 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.

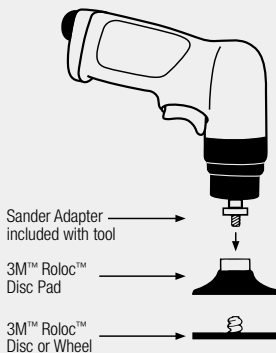
Unique Factors

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

Versatile Attachment System

SHORT- "Direct Mount" Backup Pad Attachment

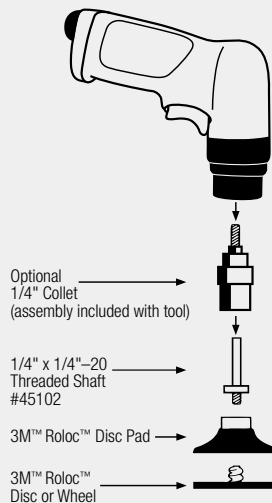
Shorter distance to the work piece generates less vibration and allows for better operator control.



*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

