



3M Science.
Applied to Life.™

3M Abrasive Systems Tool Agreement

Complete Project Offering Catalog

Call MSC today to learn about
the latest 3M Solutions.

800.645.7270 | mscdirect.com/3m

Available
Today At

MSC

It's time to tool up.

Welcome to the 3M Abrasive Systems Tool Agreement

HOW IT WORKS

Simply sign up for our exclusive 3M Abrasive Systems Tool Agreement at 3M.com/FreeTools, and every time you complete enough qualifying abrasive purchases, 3M will send you one of our most popular power tools or accessories – absolutely free.

HOW TO REGISTER

1. Log on to website 3M.com/FreeTools
 2. Confirm product eligibility
 3. Upload photo of competitive products or current 3M products that will be upgraded
 4. Upload proof of purchase
 5. Get free tools and accessories
- Continue to upload proof of purchases to earn unlimited free tools through December 31, 2021.

In order to qualify, all products purchased must be *first time* orders. Products that have been purchased previously are not eligible. Contact 3M with any questions.

	Buy this...	...and get this for FREE!
Random Orbital Sanding Page 3	\$2,500 of qualifying 3M™ Random Orbital Sanding Discs	One (1) 3M™ Random Orbital Sander or Three (3) Cases of 3M™ Disc Pads or Three (3) Cases of 3M™ Clean Sanding Filter Bags
3M™ Roloc™ Discs Page 13	\$5,000 of qualifying 3M™ Roloc™ Abrasive Discs	One (1) 3M™ Disc Sander or Three (3) Cases of 3M™ Roloc™ Disc Pads
3M™ File Belts Page 19	\$3,000 of qualifying 3M™ File Belts	One (1) 3M™ File Belt Tool or Two (2) 3M™ File Belt Sander Attachment Arms
Right Angle Solutions Page 22	\$10,000 of qualifying 3M™ Right Angle Abrasives	One (1) 3M™ Grinder, 1.5 HP or One (1) 3M™ Cut-Off Wheel Tool, 1.5 HP
	\$6,000 of qualifying 3M™ Right Angle Abrasives	One (1) 3M™ Grinder, 1 HP or One (1) 3M™ Cut-Off Wheel Tool, 1 HP
	\$4,000 of qualifying 3M™ Fibre Discs	One (1) Set of 3M™ Fibre Disc Accessories: Choose among 3 combinations of faceplate, disc pad hub and retainer nut
Small Area Paint Repair Page 34	\$6,500 of qualifying 3M™ Trizact™ Finesse-It™ Film Discs	One (1) 3M™ Mini Random Orbital Sander or Three (3) Cases of Accessories
	\$6,500 of qualifying 3M™ Finesse-It™ Buff Pads	One (1) 3M™ Buffer or Three (3) Cases of Accessories
	\$6,500 of qualifying 3M™ Polishes	One (1) 3M™ Buffer or Three (3) Cases of Accessories

Random Orbital Sanding

For every \$2,500 in purchases of qualifying 3M™ Random Orbital Sanding Discs, get a 3M™ Random Orbital Sander, 3 cases of 3M™ Back Up Pads of your choice or 3 cases of 3M™ Clean Sanding Filter Bags – **FREE!**

Random Orbital Sanding – Free Tools & Accessories

3M™ Random Orbital Sanders

- 3M™ Gripping Material for better control with less effort
- Recessed lever eliminates pinch points
- Thumb wheel-mounted speed control reduces accidental speed changes
- Integrated wrist support for comfort and leverage
- Aluminum housing and composite cover for added durability and reduced vibration
- Internal muffler reduces breakage, SGV 6 dB quieter



28494/28496



28583/28495/28497/28708/28498



28582/28499/28500/28501

3M™ Elite Non-Vacuum Random Orbital Sanders

- Our top-of-the-line non-vacuum random orbital sanders featuring the latest in 3M innovation

MSC ID	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
65795866	28494	3" (76)	12,000	0.28 (209)	3/16" (5)	17 (481)	73 (84)	1.5" (.7)	6" (147)	4" (92.5)	Hookit™ 20350
45985041	87092	3" (76)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	73 (84)	1.3" (.6)	6" (147)	3" (86)	Hookit™ 20350
89645592	28583	5" (127)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	74 (85)	1.8" (.8)	7" (172)	4" (91)	Stikit™ 20351
64398423	28495	5" (127)	12,000	0.28 (209)	5/16" (8)	17 (481)	74 (85)	1.8" (.8)	7" (172)	4" (91)	Stikit™ 20351
51491488	28497	5" (127)	12,000	0.28 (209)	3/16" (5)	17 (481)	74 (85)	1.8" (.8)	7" (172)	4" (91)	Stikit™ 20351
13354170	28708	5" (127)	12,000	0.28 (209)	3/16" (5)	17 (481)	74 (85)	1.8" (.8)	7" (172)	4" (91)	Hookit™ 20352
64398399	28498	5" (127)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	74 (85)	1.7" (.8)	7" (172)	4" (91)	Stikit™ 20351
89645600	28582	6" (152)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	75 (86)	1.9" (.9)	7" (187)	4" (91)	Stikit™ 20354
64398381	28499	6" (152)	12,000	0.28 (209)	5/16" (8)	17 (481)	75 (86)	1.9" (.9)	7" (187)	4" (91)	Stikit™ 20354
65796245	28500	6" (152)	12,000	0.28 (209)	3/16" (5)	17 (481)	75 (86)	1.9" (.8)	7" (187)	4" (91)	Stikit™ 20354
64398373	28501	6" (152)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	75 (86)	2.1" (1.0)	7" (187)	4" (91)	Stikit™ 20354

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

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



28511/28513



28563/28512/28514/28515



28562/28510/28516/28517

MSC ID	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
64398258	28511	3" (76)	12,000	0.28 (209)	3/16" (5)	17 (481)	85 (96)	1.7 (.8)	8" (209)	4 (93)	Hookit™ 20350
64398225	28513	3" (76)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	85 (96)	1.4 (.7)	8" (207)	3 (88)	Hookit™ 20350
89645618	28563	5" (127)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	84 (95)	1.9 (.9)	9" (234)	4 (93)	Hookit™ 20353
64398266	28512	5" (127)	12,000	0.28 (209)	5/16" (8)	17 (481)	86 (97)	1.9 (.9)	9" (234)	4 (93)	Hookit™ 20353
64398274	28514	5" (127)	12,000	0.28 (209)	3/1" (5)	17 (481)	86 (97)	1.9 (.9)	9" (234)	4 (93)	Hookit™ 20353
64398233	28515	5" (127)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	86 (97)	1.8 (.8)	9" (234)	4 (93)	Hookit™ 20353
89645626	28562	6" (152)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	87 (94)	2.1 (.9)	10" (245)	4 (93)	Hookit™ 20356
64398308	28510	6" (152)	12,000	0.28 (209)	5/16" (8)	17 (481)	88 (99)	2.0 (.9)	10" (245)	4 (93)	Hookit™ 20356
43134113	28516	6" (152)	12,000	0.28 (209)	3/16" (5)	17 (481)	89 (100)	2.0 (.9)	10" (245)	4 (93)	Hookit™ 20356
64398241	28517	6" (152)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	88 (99)	1.9 (.9)	10" (245)	4 (93)	Hookit™ 20356

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

Abrasive Systems Tool Agreement

Random Orbital Sanding – Free Tools & Accessories (cont.)

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

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



28503/28505



28561/28504/28506/28507



28560/28502/28508/28509

MSC ID	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
64398357	28503	3" (76)	12,000	0.28 (209)	3/16" (5)	17 (481)	72 (83)	1.8 (.8)	8" (203)	4" (93)	Hookit™ 20350
64398332	28505	3" (76)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	72 (83)	1.4 (.6)	8" (201)	3" (88)	Hookit™ 20350
89645634	28561	5" (127)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	73 (84)	1.9 (.9)	9" (227)	4" (93)	Hookit™ 20353
64398340	28504	5" (127)	12,000	0.28 (209)	5/16" (8)	17 (481)	73 (84)	1.9 (.9)	9" (227)	4" (93)	Hookit™ 20353
64398324	28506	5" (127)	12,000	0.28 (209)	3/16" (5)	17 (481)	73 (84)	1.8 (.8)	9" (227)	4" (93)	Hookit™ 20353
64398316	28507	5" (127)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	73 (84)	1.8 (.8)	9" (227)	4" (93)	Hookit™ 20353
89645642	28560	6" (152)	12,000	0.28 (209)	3/8" (9.5)	17 (481)	76 (87)	2.0 (.9)	9" (238)	4" (93)	Hookit™ 20356
64398365	28502	6" (152)	12,000	0.28 (209)	5/16" (8)	17 (481)	76 (87)	2.0 (.9)	9" (238)	4" (93)	Hookit™ 20356
64398290	28508	6" (152)	12,000	0.28 (209)	3/16" (5)	17 (481)	76 (87)	2.0 (.9)	9" (238)	4" (93)	Hookit™ 20356
64398282	28509	6" (152)	12,000	0.28 (209)	3/32" (2.5)	17 (481)	76 (87)	1.9 (.9)	9" (238)	4" (93)	Hookit™ 20356

3M™ Clean Sanding Filter Bags

- Achieve superior dust collection when used with 3M™ Random Orbital Sanders with Self-Generated Vacuum
- Large and extra large sizes save time because operators can change bags less frequently



20452



28364

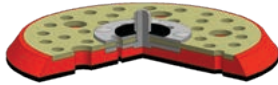
MSC ID	Model number	Form type	Size	Attachment type	Units/case
64527187	20452	Filter bag	Large	Hook & Loop	10 per inner 50 per case
92143320	28364	Filter bag	Extra Large	Hook & Loop	5 per inner 20 per case

Random Orbital Sanding – Free Tools & Accessories (cont.)

3M™ Random Orbital Sander 5" and 6" Back-up Pads

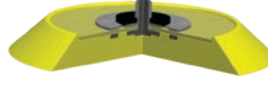
One Piece Stud Design, Color Coded and Simplified

**Red
Firm**



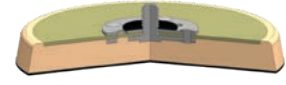
Low Profile Design

**Yellow
Medium**



Standard Tapered Design

**Beige
Soft**



Low Profile Finishing Design

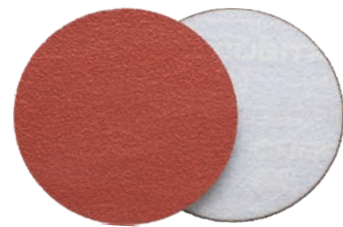
	MSC ID	Attachment	Number of holes	Part number	Diameter (inches)	Thickness (inches)	Thread	Foam	Face	Pads/case
Low Profile	 73111247	3M™ Stikit™	–	20351	5"	3/8"	5/16–24EXT	Red	Blue	10
	 93823797		–	20354	6"	3/8"	5/16–24EXT	Red	Blue	10
	 51117679		–	85104	5"	3/8"	5/16–24EXT	Red	Silver	10
	 63602478		5 Holes	20442	5"	3/8"	5/16–24EXT	Red	Blue	10
	 13354949		6 Holes	20454	6"	3/8"	5/16–24EXT	Red	Blue	10
	 92143379	3M™ Hookit™	–	20352	5"	3/8"	5/16–24EXT	Red	Black	10
	 92143361		–	20355	6"	3/8"	5/16–24EXT	Red	Black	10
	 06929616		5 Holes	05855	5"	3/8"	5/16–24EXT	Red	Yellow	10
	 78307238		6 Holes	25122	6"	3/8"	5/16–24EXT	Red	Black	10
	 91694737		44 Holes	20353	5"	3/8"	5/16–24EXT	Red	Black	10
	 71998066		52 Holes	20356	6"	3/8"	5/16–24EXT	Red	Black	10
	 43892488		861 Plus, 53 Holes	20465	6"	3/8"	5/16–24EXT	Red	Black	10
Standard	 09542887	3M™ Stikit™	–	05575	5"	3/4"	5/16–24EXT	Yellow	Blue	10
	 82425075		–	45215	5"	3/4"	5/16–24EXT	Yellow	Silver	10
	 82425083		–	81821	5"	3/4"	5/16–24EXT	Yellow	Red	10
	 56294507		–	28772	6"	3/4"	5/16–24EXT	Yellow	Blue	10
	 83824250		5 Holes	45217	5"	3/4"	5/16–24EXT	Yellow	Blue	10
	 33848649		6 Holes	45218	6"	3/4"	5/16–24EXT	Yellow	Blue	10
	 78900974	3M™ Hookit™	–	05775	5"	3/4"	5/16–24EXT	Yellow	Yellow	10
	 N/A		–	70138	6"	3/4"	5/16–24EXT	Yellow	Yellow	10
	 86097482		5 Holes	82659	5"	3/4"	5/16–24EXT	Yellow	Yellow	10
	 13354923		6 Holes	05876	6"	3/4"	5/16–24EXT	Yellow	Yellow	10
Low Profile Finishing	 82425000	3M™ Stikit™	–	05545	5"	11/16"	5/16–24EXT	Beige	Brown	10
	 82425018		–	05546	6"	11/16"	5/16–24EXT	Beige	Brown	10
	82425042		5 Holes	05645	5"	11/16"	5/16–24EXT	Beige	Blue	10
	13354931		6 Holes	05646	6"	11/16"	5/16–24EXT	Beige	Brown	10
	07306244	3M™ Hookit™	–	77855	5"	11/16"	5/16–24EXT	Beige	Yellow	10
	86097490		5 Holes	77856	5"	11/16"	5/16–24EXT	Beige	Yellow	10
	13354915		5 Holes + Groove	84226	5"	11/16"	5/16–24EXT	Beige	Black	10
	13354907		44 Holes	20290	5"	11/16"	5/16–24EXT	Yellow	Yellow	10
	92143338		53 Holes	20425	6"	11/16"	5/16–24EXT	Beige	Yellow	10

Abrasive Systems Tool Agreement

Random Orbital Sanding – Qualifying Products

3M™ Cubitron™ II Hookit™ Cloth Discs 947A

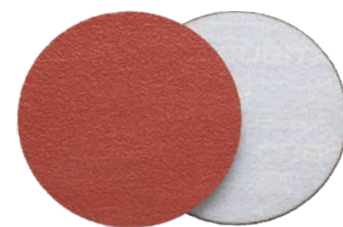
- Feature 3M Precision-Shaped Grain and a durable X-weight poly-cotton backing for aggressive applications
- 40+ and 60+ grades ideal for shaping, dimensioning and detailing architectural elements
- 80+ and 120+ grades best for leveling and finishing, especially for “body-in-white” applications
- Produce fine finish for fast surface prep on a variety of substrates



MSC ID	Size (Inches)	Grade	Max. RPM (OPM)	Qty/case
13354824	5" x NH	40+	12,000	200
13354717	5" x D/F	40+	12,000	200
38993085	5" x NH	60+	12,000	200
13354675	5" x D/F	60+	12,000	200
13354618	5" x NH	80+	12,000	200
13354840	5" x D/F	80+	12,000	200
38993119	5" x NH	120+	12,000	200
13354691	5" x D/F	120+	12,000	200
13354741	6" x NH	40+	12,000	200
13354808	6" x D/F	40+	12,000	200
13354592	6" x NH	60+	12,000	200
13354659	6" x D/F	60+	12,000	200
49076748	6" x NH	80+	12,000	200
13354774	6" x D/F	80+	12,000	200
49076938	6" x NH	120+	12,000	200
13354634	6" x D/F	120+	12,000	200

3M™ Cubitron™ II Hook-it™ Cloth Disc 784F

- 3M Precision-Shaped Grain blend provides significantly longer life than comparable aluminum oxide discs
- Proprietary mineral provides consistent, faster results on medium to heavy duty sanding applications, helping to improve productivity and throughput
- Durable resin bond resists deterioration from heat



MSC ID	Size (Inches)	Grade	Qty/case
15603541	5" x NH	36+	25/200
15603731	5" x D/F	36+	25/200
15603509	5" x NH	50+	25/200
15603392	5" x D/F	50+	25/200
15603921	5" x NH	60+	25/200
15603400	5" x D/F	60+	25/200
14914550	5" x NH	80+	25/200
15603418	5" x D/F	80+	25/200
15603517	5" x NH	120+	25/200
15603343	5" x D/F	120+	25/200

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ II 732U Paper Sanding Discs

- Feature 3M Precision-Shaped Grain that slices through the substrate, wears evenly and provides extra-long life and consistency
- Ideal for a wide variety of substrates and applications focused primarily on stock removal
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M™ Cubitron™ II Hookit™ Clean Sanding Paper Discs 732U

MSC ID	Grade	Qty/case
5" × NH		
68688381	80+	250
68688662	120+	250
36061448	150+	250
54871025	180+	250
54870969	220+	250
6" × NH		
35793546	80+	250
54870712	120+	250
54871074	150+	250
35793611	180+	250
54870951	220+	250

3M™ Cubitron™ II Stikit™ Paper Disc Rolls 732U

MSC ID	Grade	Qty/case
5" × NH		
54869748	80+	100/roll
54869730	120+	100/roll
54869854	150+	100/roll
54869813	180+	100/roll
54869771	220+	100/roll
6" × NH		
54869722	80+	100/roll
54869714	120+	100/roll
54869086	150+	100/roll
54869078	180+	100/roll
54868930	220+	100/roll

3M™ Cubitron™ II Hookit™ Paper Discs 732U

MSC ID	Grade	Qty/case
5" × NH		
54870928	80+	250
54870803	120+	250
54871090	150+	250
54871033	180+	250
54870977	220+	250
6" × NH		
54870795	80+	250
54870787	120+	250
54870589	150+	250
54870571	180+	250
54870522	220+	250

Contact your 3M Sales Specialist for more information.

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ II Film Discs 775L

- Powered by revolutionary 3M Precision-Shaped Grain technology for a fast, even, long-lasting cut
- Film backing for greater tear resistance and edge retention
- Ideal for a broad range of applications and substrates, including metals, composites, gelcoat and whitewood
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M™ Cubitron™ II Hookit™ Clean Sanding Discs 775L

MSC ID	Grade	Qty/case
5"		
54870860	80+	50/250
54870852	120+	50/250
54871116	150+	50/250
60979911	180+	50/250
46116893	220+	50/250
57423493	240+	50/250
46116927	320+	50/250
46116943	400+	50/250
6"		
54870845	80+	50/250
54870892	120+	50/250
54871108	150+	50/250
30929244	180+	50/250
54870985	220+	50/250
30928105	240+	50/250
30927388	320+	50/250
30927255	400+	50/250

3M™ Cubitron™ II Hookit™ Film Discs 775L

MSC ID	Grade	Qty/case
5" x NH		
47899323	80+	50/250
54870894	120+	50/250
54870704	150+	50/250
54871066	180+	50/250
54871009	220+	50/250
31418841	240+	50/250
31418981	320+	50/250
31418866	400+	50/250
6"		
54870886	80+	50/250
54870878	120+	50/250
54870688	150+	50/250
54870696	180+	50/250
54870563	220+	50/250
31418940	240+	50/250
31418833	320+	50/250
31418825	400+	50/250

Also available in other sizes and hole patterns.

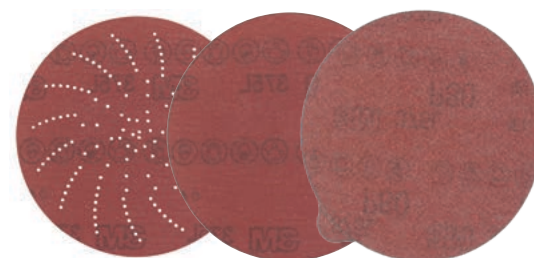
3M™ Cubitron™ II Stikit™ Film Disc Rolls 775L

MSC ID	Grade	Qty/case
5" x NH		
54869284	80+	100/roll
54869276	120+	125/roll
54869870	150+	100/roll
54869839	180+	100/roll
54869797	220+	100/roll
31417785	240+	100/roll
31417595	320+	100/roll
31417652	400+	100/roll
6" x NH		
54869268	80+	100/roll
54869250	120+	125/roll
54869623	150+	100/roll
54869631	180+	100/roll
54870175	220+	100/roll
31417678	240+	100/roll
31261431	320+	100/roll
31417777	400+	100/roll

Random Orbital Sanding – Qualifying Products

3M™ Film Disc 375L

- Premium aluminum oxide abrasive offers a fast cut and long life and performs well on many surfaces
- Flexible film sheet conforms smoothly to contours and rounded edges
- Durable film backing is tear-resistant and provides a uniform, consistent finish
- Open coat construction provides an aggressive cut
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M™ Hookit™ Clean Sanding Film Disc 375L

MSC ID	Grade	Qty/case
5" × NH		
38236436	P60	50/250
54677430	P80	50/250
39772702	P100	50/250
54677539	P120	50/250
15603525	P150	50/250
39376827	P180	50/250
54677695	P220	50/250
39772553	P240	50/250
54677745	P320	50/250
15603558	P400	50/250
6" × NH		
15604010	P60	50/250
15603277	P80	50/250
15603491	P100	50/250
15603640	P120	50/250
15603483	P150	50/250
15604028	P180	50/250
15604036	P220	50/250
15603806	P320	50/250

3M™ Stikit™ Film Disc Roll 375L

MSC ID	Grade	Discs/case
5" × NH		
54869763	P80	100/4
54869755	P100	100/4
54869581	P120	100/4
54869573	P150	100/4
54869565	P180	100/4
54869557	P220	100/4
54869540	P240	100/4
54869516	P320	100/4
54869508	P400	100/4
54869938	P500	50/250
80822059	P600	50/250
80822042	P800	50/250
80822034	P1000	50/250
80822026	P1200	50/250
80822018	P1500	50/250
6" × NH		
31893381	P80	100/4
54869482	P100	100/4
54869466	P120	100/4
15603525	P150	100/4
54869441	P180	100/4
54869433	P220	100/4
54869417	P320	100/4
54869391	P400	100/4
54869912	P500	50/250
54870076	P600	50/250
54870068	P800	50/250
54869904	P1000	50/250
54869896	P1200	50/250
54870126	P1500	50/250

3M™ Hookit™ Film Disc 375L

MSC ID	Grade	Qty/case
5" × NH		
54871272	P60	50/250
80821754	P80	50/250
54871264	P100	50/250
80821739	P120	50/250
80821713	P150	50/250
80821705	P180	50/250
60393337	P220	50/250
54871348	P240	50/250
80821697	P320	50/250
80821689	P400	50/250
54871181	P500	50/250
80821796	P600	50/250
80821788	P800	50/250
80821770	P1000	50/250
80821762	P1200	50/250
80821721	P1500	50/250
6" × NH		
54871256	P60	50/250
54871249	P80	50/250
54871231	P100	50/250
54871223	P120	50/250
54871215	P150	50/250
54871207	P180	50/250
54871199	P220	50/250
54871330	P240	50/250
54871314	P320	50/250
54871306	P400	50/250
54871157	P500	50/250
54871298	P600	50/250
54871280	P800	50/250
54871132	P1200	50/250
54871124	P1500	50/250

3M™ Stikit™ Film Disc w/Tab 375L

MSC ID	Grade	Qty/case
5" × NH		
54871124	60	50/250
6" × NH		
54870035	60	50/250

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Film Discs 360L

- Premium aluminum oxide abrasive offers a fast cut and long life and performs well on many surfaces
- Suitable for sanding and finishing on composites, gel coats, fiberglass, and other solid surface materials
- Durable film backing is tear-resistant and provides a uniform, consistent finish
- Open coat and load-resistant coating prevents clogging to optimize cut and product life
- Available with Hookit™ and Stikit™ attachment systems and a convenient roll to make changing discs fast and easy



3M™ Hookit™ Clean Sanding Disc 360L

MSC ID	Grade	Qty/case
5" x NH		
60386711	P220	100/500
59077859	P240	100/500
48268239	P280	100/500
59077867	P320	100/500
59077875	P400	100/500
59077883	P500	100/500
59077891	P600	100/500
48268221	P800	100/500
45478534	P1000	100/500
6" x NH		
48268411	P220	100/500
N/A	P240	100/500
55534374	P280	100/500
59077917	P320	100/500
59077925	P400	100/500
59077933	P500	100/500
59077941	P600	100/500
48268403	P800	100/500
48268395	P1000	100/500

3M™ Hookit™ Film Disc 360L

MSC ID	Grade	Qty/case
5" x NH		
44973378	P220	100/500
48267702	P240	100/500
15603723	P280	100/500
N/A	P320	100/500
N/A	P400	100/500
N/A	P500	100/500
N/A	P600	100/500
6" x NH		
48267694	P220	100/500
48267710	P320	100/500
01958438	P400	100/500
15603863	P500	100/500
48267728	P600	100/500
48267736	P800	100/500
48267397	P1000	100/500

3M™ Stikit™ Film Disc Roll 360L

MSC ID	Grade	Qty/case
5" x NH		
44973469	P220	125/4
15609746	P240	125/4
15609688	P280	125/4
79472221	P320	125/4
44973493	P400	125/4
71467278	P500	125/4
52945672	P600	125/4
79472155	P800	125/4
52946134	P1000	125/4
6" x NH		
52946092	P220	125/4
44901577	P320	125/4
52946100	P400	125/4
15609837	P500	125/4
35531391	P600	125/4
52946118	P800	125/4
52946126	P1000	125/4

Random Orbital Sanding – Qualifying Products

3M Blue Abrasive Discs 321U

- A best-in-class abrasive for a variety of applications
- Engineered ceramic blend in grades 40 to 320; Aluminum Oxide mineral in grades 400 to 800
- Discs available in multi-hole pattern for excellent dust extraction or in no-hole format
- Anti-loading coating prevents dust and debris from clogging the cutting surface



3M™ Hookit™ Blue Abrasive Disc 321U Multi-hole

MSC ID	Grade	Qty/case
5" x NH		
15603475	P80	50/4
15603459	P120	50/4
15603442	P150	50/4
15603566	P180	50/4
15603293	P220	50/4
15603871	P240	50/4
15603848	P320	50/4
15603855	P400	50/4
15603798	P500	50/4
15603327	P600	50/4
15603319	P800	50/4
6" x NH		
15603830	P40	50/4
10084630	P80	50/4
15603822	P120	50/4
15603962	P150	50/4
15603905	P180	50/4
15603939	P220	50/4
15603947	P240	50/4
15603244	P320	50/4
15603970	P400	50/4
15603988	P500	50/4
15603889	P600	50/4
14309033	P800	50/4

3M™ Hookit™ Blue Abrasive Disc 321U No Hole

MSC ID	Grade	Qty/case
5" x NH		
12044772	P80	50/4
12044830	P120	50/4
15603624	P150	50/4
12044855	P180	50/4
15603681	P220	50/4
15603285	P240	50/4
15604002	P320	50/4
15603657	P400	50/4
15603954	P500	50/4
15603897	P600	50/4
15603434	P800	50/4
6" x NH		
15603616	P80	50/4
15603376	P120	50/4
15603913	P150	50/4
15603533	P180	50/4
15603699	P220	50/4
15603772	P240	50/4
15603335	P320	50/4
15603608	P400	50/4
15603715	P500	50/4
15603426	P600	50/4
15603673	P800	50/4

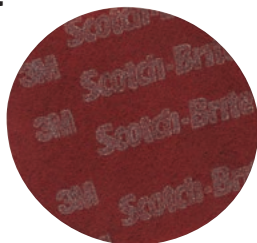
3M™ Stikit™ Blue Abrasive Disc Roll 321U

MSC ID	Grade	Qty/case
5" x NH		
15609845	P40	50/5
15609720	P80	100/5
19308436	P120	100/5
15609803	P150	100/5
15609795	P180	100/5
15609811	P220	100/5
15609852	P240	100/5
15609365	P320	100/5
15609712	P400	100/5
15609696	P500	100/5
15609829	P600	100/5
15609738	P800	100/5
6" x NH		
11710621	P40	25/5
98079957	P80	50/5
15609654	P120	100/5
15609647	P150	100/5
97997993	P180	100/5
90090176	P220	100/5
15609662	P240	100/5
15609399	P320	100/5
15609761	P400	100/5
15609779	P500	100/5
15609753	P600	100/5
15609787	P800	100/5

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Scotch-Brite™ Hookit™ 7447 PRO Discs

- Very fine grade aluminum oxide abrasive cleans and finishes efficiently
- Use for cleaning, scuffing, finishing, and light paint removal on a variety of metals and plastics
- Unique fiber coating capability assures a fast, consistent scratch
- Nylon disc resists tearing and loading and will never rust, providing a long life, while flexible open web fibers conform to contoured surfaces
- Hookit™ attachment system makes disc changes quick and easy
- Can be used wet or dry and rinsed for repeated use



3M™ Scotch-Brite™ Hookit™ 7447 PRO Disc

MSC ID	Grade	Qty/case
5" x NH		
10429405	5 HLS, A VFN	40
6" x NH		
30571178	6 HLS, A VFN	40

3M™ Scotch-Brite™ Hookit™ 7448 PRO Discs

- Ultra-fine silicon carbide outperforms steel wool for cleaning, blending, prepping and finishing on metal, wood, plastics and composites
- Load and heat resistant non-woven web produces a more consistent finish than conventional non-woven abrasive products
- Conforms to irregular surfaces and gets into corners without losing performance
- Hookit™ attachment system makes disc changes quick and easy
- Can be used wet or dry and rinsed for repeated use



3M™ Scotch-Brite™ Hookit™ 7448 PRO Disc

MSC ID	Grade	Qty/case
5" x NH		
38370367	S ULF	40
15603996	5 HLS, S ULF	40
6" x NH		
15603764	6 HLS, S ULF	40

Roloc™ Discs

For every \$5,000 in purchases of qualifying 3M™ Roloc™ Discs, get a 3M™ Disc Sander or 3 cases of Roloc™ Back-up Pads of your choice – **FREE!**

Roloc™ Discs – Free Tools and Accessories

3M™ Air-Powered Disc Sander

- Designed to allow greater access to work pieces compared to conventional larger disc attachments
- All models feature a powerful, high-torque air motor to optimize overall performance of the 3M™ Roloc™ System
- Easier handling, lightweight, compact design generates less vibration, while improving operator control
- Works in combination with the 3M™ Roloc™ Quick Release System – discs lock securely in place with just half a twist
- All models are supplied with a 3M™ Roloc™ Rubber Back-Up Pad and 1/4" collet



MSC ID	Model	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Airflow rate SCFM (LPM)	Collet size Inch (mm)
51153070	28341	2" (51)	0.3 (224)	20,000	81 (92)	1.1 (0.5)	6" (150)	3" (63)	1/4" NPT	17 (481)	1/4"
51153088	28328	2–3" (51–76)	0.3 (224)	12,000	81 (92)	1.1 (0.5)	7" (172)	3" (64)	1/4" NPT	17 (481)	1/4"
63223481	20231	2" (51)	0.5 (372)	20,000	89 (101)	1.3 (0.6)	7" (172)	3" (70)	1/4" NPT	26 (736)	1/4"
51153054	28329	2–3" (51–76)	0.5 (372)	12,000	89 (101)	1.3 (0.6)	7" (172)	3" (70)	1/4" NPT	26 (736)	1/4"
77447209	20232	2–3" (51–76)	1 (744)	15,000	84 (95)	2.0 (0.9)	8" (210)	3" (83)	3/8" NPT	37 (1,048)	1/4"

Accessories

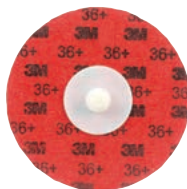
Product	MSC ID	For use with:	Size/description	Hardness	Max. speed (RPM)	Qty./ case
3M™ Roloc™ TR Disc Pads						
	00222976		2" Diameter; 1/4–20 INT	Medium	25,000	5
	74667783		2" Diameter; 1/4–20 INT	Hard	25,000	5
	74667775		2" Diameter; 1/4–20 INT	Extra Hard	25,000	5
	00222992		3" Diameter; 1/4–20 INT	Medium	18,000	5
	00222984		3" Diameter; 1/4–20 INT	Hard	20,000	5
	74667809		3" Diameter; 1/4–20 INT	Extra Hard	20,000	5
3M™ Roloc™ TSM Disc Pads						
	74667890		2" Diameter; 1/4–20 INT	Medium	25,000	5
	74667882		2" Diameter; 1/4–20 INT	Hard	25,000	5
	74667924		3" Diameter; 1/4–20 INT	Medium	18,000	5
	74667916		3" Diameter; 1/4–20 INT	Hard	18,000	5
	74667908		3" Diameter; 1/4–20 INT	Extra Hard	20,000	5

Roloc™ Discs – Qualifying Products

3M™ Roloc™ Discs

3M™ Cubitron™ II Roloc™ Disc 984F

- Made with revolutionary 3M Precision-Shaped Ceramic Grain technology
- For grinding, blending and deburring of light to medium pressure applications for virtually all metal types
- Features a durable edge backing and grinding aid



MSC ID	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
--------	-------------------	-------	--------------	------------------	-----------

Roloc™ TR (plastic button) 

64402860	2"	36+	White	25,000	50/200
64402787	2"	60+	White	25,000	50/200
64402712	2"	80+	White	25,000	50/200
64402852	3"	36+	White	20,000	50/200
43096171	3"	60+	White	20,000	50/200
64402696	3"	80+	White	20,000	50/200

Roloc™ TSM (metal button) 

64402829	2"	36+	Metal	25,000	50/200
64402753	2"	60+	Metal	25,000	50/200
64402670	2"	80+	Metal	25,000	50/200
64402811	3"	36+	Metal	20,000	50/200
64402746	3"	60+	Metal	20,000	50/200
40695629	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ Disc 947A

- Uses proprietary 3M Precision-Shaped Ceramic Grain to produce exceptionally fast cut rates
- Great for deburring, blending, cleaning, and finishing applications, while providing greater flexibility
- Features a durable edge backing and grinding aid



MSC ID	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
--------	-------------------	-------	--------------	------------------	-----------

Roloc™ TR (plastic button) 

54872056	2"	40+	White	25,000	50/200
54871967	2"	60+	White	25,000	50/200
54873013	2"	80+	White	25,000	50/200
44465086	2"	120+	White	25,000	50/200
54872049	3"	40+	White	20,000	50/200
54871975	3"	60+	White	20,000	50/200
54873005	3"	80+	White	20,000	50/200
54872932	3"	120+	White	20,000	50/200

Roloc™ TSM (metal button) 

54872015	2"	40+	Metal	25,000	50/200
54871934	2"	60+	Metal	25,000	50/200
54872973	2"	80+	Metal	25,000	50/200
54872908	2"	120+	Metal	25,000	50/200
54872007	3"	40+	Metal	20,000	50/200
54871926	3"	60+	Metal	20,000	50/200
54872965	3"	80+	Metal	20,000	50/200
54872890	3"	120+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ Disc 982C

- Features 3M Precision-Shaped Ceramic Grain technology and a rigid fibre backing, for a combination of long life and fast, aggressive cut
- Cuts faster, requires less grinding pressure and lasts up to twice as long as conventional ceramic abrasives
- Excellent for edge chamfering, beveling, blending and removing carbon steel welds, mill scale, machining grooves and more



MSC ID	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
--------	-------------------	-------	--------------	------------------	-----------

Roloc™ TR (plastic button) 

51444586	2"	36+	Brown	25,000	50/200
51444602	2"	60+	Orange	25,000	50/200
46847745	2"	80+	Yellow	25,000	50/200
45583101	3"	36+	Brown	20,000	50/200
52549433	3"	60+	Orange	20,000	50/200
52549946	3"	80+	Yellow	20,000	50/200

Roloc™ TSM (metal button) 

45583085	2"	36+	Metal	25,000	50/200
45583051	2"	60+	Metal	25,000	50/200
45583135	2"	80+	Metal	25,000	50/200
45583077	3"	36+	Metal	20,000	50/200
45583044	3"	60+	Metal	20,000	50/200
45583119	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ Fibre Disc 987C

- Features 3M Precision-Shaped Ceramic Grain, engineered with ultra-sharp, fast cutting points that wear evenly, run cool, and optimize mineral breakdown to maximize life
- Best-in-class for weld prep and removal on heat sensitive alloys, such as stainless steel



MSC ID	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
--------	-------------------	-------	--------------	------------------	-----------

Roloc™ TR (plastic button) 

33237694	2"	36+	Brown	25,000	50/200
11709953	2"	60+	Orange	25,000	50/200
33225749	2"	80+	Yellow	25,000	50/200
32251290	3"	36+	Brown	20,000	50/200
56087414	3"	60+	Orange	20,000	50/200
32254732	3"	80+	Yellow	20,000	50/200

Roloc™ TSM (metal button) 

38521498	2"	36+	Metal	25,000	50/200
38522959	2"	60+	Metal	25,000	50/200
38523007	2"	80+	Metal	25,000	50/200
41763798	3"	36+	Metal	20,000	50/200
41763855	3"	60+	Metal	20,000	50/200
41763863	3"	80+	Metal	20,000	50/200

Roloc™ Discs – Qualifying Products (cont.)

3M™ Roloc™ Discs

3M™ Roloc™ Fibre Disc 782C

- Features 3M Precision-Shaped Ceramic Grain
- With its outstanding cut, durability and ease of use, this disc offers a major step up in performance over conventional fibre discs
- Advanced abrasive technology makes them an excellent choice for tough applications, including weld removal, blending and finish refinement
- Ideal choice for carbon steel



MSC ID	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
32318396	2"	36+	Brown	25,000	50/200
32318362	2"	60+	Orange	25,000	50/200
32318370	2"	80+	Yellow	25,000	50/200
32318388	3"	36+	Brown	20,000	50/200
32318933	3"	60+	Orange	20,000	50/200
32318925	3"	80+	Yellow	20,000	50/200

3M™ Roloc™ Fibre Disc 787C

- Made with revolutionary 3M Precision-Shaped Ceramic Grain technology
- Provides long life and fast cut
- Cuts cooler, faster and lasts longer than conventional ceramic discs
- Optimized for use on stainless steel and non-ferrous materials

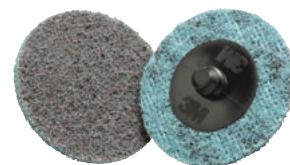


MSC ID	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
32318883	2"	36+	Brown	25,000	50/200
11929395	2"	60+	Orange	25,000	50/200
32318867	2"	80+	Yellow	25,000	50/200
32318776	2"	120+	White	25,000	50/200
32318941	3"	36+	Brown	20,000	50/200
32318958	3"	60+	Orange	20,000	50/200
32318859	3"	80+	Yellow	20,000	50/200
32318768	3"	120+	White	20,000	50/200

Scotch-Brite™ Roloc™ Discs

Scotch-Brite™ Roloc™ Anti-Loading Surface Conditioning Disc (AL-DR)

- Load resistant and longer lasting
- Great for aluminum and other soft metal finishes
- Non-woven nylon fibers break down gradually to expose fresh mineral, resulting in consistent cutting action
- Aluminum oxide mineral cuts sharp but finishes fine

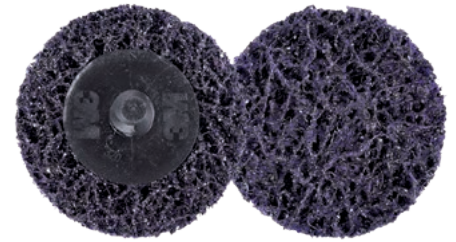


MSC ID	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
54872536	2" × NH	A CRS	Brown	25,000	50/200
54872544	2" × NH	A MED	Maroon	25,000	50/200
54872551	2" × NH	A VFN	Blue	25,000	50/200
54872502	3" × NH	A CRS	Brown	18,000	25/100
54872510	3" × NH	A MED	Maroon	18,000	25/100
54872528	3" × NH	A VFN	Blue	18,000	25/100
Roloc™ TSM (metal button) 					
54872460	2" × NH	A CRS	Metal	25,000	50/200
54872478	2" × NH	A MED	Metal	30,000	50/200
54872437	2" × NH	A VFN	Metal	25,000	50/200
54872445	3" × NH	A CRS	Metal	18,000	25/100
54872452	3" × NH	A MED	Metal	18,000	25/100
54872395	3" × NH	A VFN	Metal	18,000	25/100

Roloc™ Discs – Qualifying Products (cont.)

Scotch-Brite™ Roloc™ Clean and Strip XT Pro Disc

- Features silicon carbide abrasive mineral incorporated into an open nylon web to effectively remove rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material
- The high-strength fibers are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece.
- High speed rating, low vibration and low spark
- Roloc™ attachment system makes disc changes easy



MSC ID	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
Roloc™ TR (plastic button) 				
11030012	3" × NH	SiC Extra Coarse, TR	Purple	10/40
11030251	3" × NH	S XCS	Purple	10/40
11030004	2" × NH	S XCS	Purple	10/60
11030319	4" × NH	S XCS	Purple	10/40

Scotch-Brite™ Roloc™ Clean and Strip XT Pro Extra Cut Disc

- Aluminum oxide abrasive mineral in an open nylon web effectively removes heavy rust, thick paint and corrosion while also scratching the base material underneath to save you time
- The high-strength fibers are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece.
- High speed rating and low vibration
- Roloc™ attachment system makes disc changes easy



MSC ID	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
Roloc™ TR (plastic button) 				
11030103	3" × NH	A XCS	Green	10/40
11030087	3" × NH	A/O Extra Coarse, TR	Green	10/40
11030129	4" × NH	A XCS	Green	10/40
11030327	2" × NH	A/O Extra Coarse, TR	Green	10/60

Roloc™ Discs – Qualifying Products (cont.)

Scotch-Brite™ Roloc™ Surface Conditioning Disc (SC-DR)

- Combines our durable, non-woven disc with the efficient 3M™ Roloc™ quick-change attachment system
- An effective disc that cleans, finishes, blends and deburrs
- Conformable, non-woven disc combined with Roloc backing allows for aggressive cuttings
- Open-web construction resists loading and runs cool, allowing for consistent finishes



MSC ID	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
--------	-------------------	-------	------------	------------------	-----------

Roloc™ TR (plastic button)

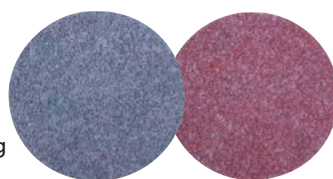
00222810	2"	A CRS	Brown	25,000	50/200
00222844	2"	A MED	Maroon	25,000	50/200
00222877	2"	A VFN	Blue	25,000	50/200
00222901	2"	S SFN	Gray	25,000	50/200
00222828	3"	A CRS	Brown	18,000	25/100
00222851	3"	A MED	Maroon	18,000	25/100
00222885	3"	A VFN	Blue	18,000	25/100
00222919	3"	S SFN	Gray	18,000	25/100

Roloc™ TSM (metal button)

01233121	2"	A CRS	Metal	25,000	50/200
01233113	2"	A MED	Metal	25,000	50/200
01233154	2"	A VFN	Metal	25,000	50/200
01233139	3"	A CRS	Metal	18,000	25/100
01233147	3"	A MED	Metal	18,000	25/100
01233196	3"	A VFN	Metal	18,000	25/100

Scotch-Brite™ Roloc™ Light Grinding and Blending Disc (GB-DR)

- 3M ceramic aluminum oxide blend abrasive grain
- Resists edge wear
- Great for light grinding, deburring and blending on all metals



Super duty: Blue Heavy duty: Pink

MSC ID	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
--------	-------------------	-------	------------	------------------	-----------

Roloc™ TR (plastic button)

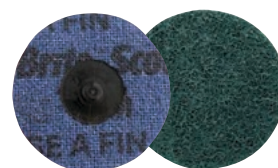
43350008	2"	A CRS SD	Blue	25,000	50/200
43349992	2"	A CRS HD	Pink	25,000	50/200
43350024	3"	A CRS SD	Blue	18,000	25/100
43350016	3"	A CRS HD	Pink	18,000	25/100

Roloc™ TSM (metal button)

50867829	2"	A CRS SD	Blue	25,000	50/200
43970110	2"	A CRS HD	Pink	25,000	50/200
43970102	3"	A CRS SD	Blue	18,000	25/100
13354014	3"	A CRS HD	Pink	18,000	25/100

Scotch-Brite™ Roloc™ Surface Conditioning Disc (SE-DR)

- Coarse, tough non-woven disc with a strong edge aggressively deburrs and finishes



MSC ID	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
--------	-------------------	-------	------------	------------------	-----------

Roloc™ TR (plastic button)

74667262	2"	A CRS	Brown	25,000	50/200
74667270	2"	A MED	Maroon	25,000	50/200
05464573	2"	A FIN	Green	25,000	50/200
74667288	3"	A CRS	Brown	18,000	25/100
74667296	3"	A MED	Maroon	18,000	25/100
06877898	3"	A FIN	Green	18,000	25/100

Scotch-Brite™ Roloc™ Deburr and Finish PRO Unitized Wheel (DP-UW)

- Soft to reduce defects, yet wears like iron, for fewer wheel changeouts
- Faster burr removal and better finish



MSC ID	Size (dia. × thk. × ctr. hole)	Grade	Max. speed (RPM)	Qty./case
--------	--------------------------------	-------	------------------	-----------

Roloc™ TR (plastic button)

54871538	2" × 1/4" × NH	4C MED+	22,100	60
13353917	2" × 1/8" × NH	6C MED+	22,100	120
36169704	2" × 1/4" × NH	6C MED+	22,100	60
54871520	3" × 1/4" × NH	4C MED+	15,100	40
54871546	3" × 1/8" × NH	6C MED+	15,100	40
54871553	3" × 1/4" × NH	6C MED+	15,100	40
55781918	2" × 1/4" × NH	8C CRS+	22,100	60
31083157	3" × 1/8" × NH	8C CRS+	15,100	40
38744371	3" × 1/4" × NH	8C CRS+	15,100	40

Roloc™ Discs – Qualifying Products

Scotch-Brite™ Roloc™ Bristle Disc, RD-ZB

- Proprietary 3M™ Ceramic Abrasive Grain blend provides high degree of finish quality throughout the life of the disc
- Molded, abrasive filled bristles strip, deburr, blend, finish, polish, clean, and remove coatings and other high-loading substances more effectively than wire brushes
- Flexible bristles conform to contours to produce consistent finishes, even on complex parts
- Convenient 3M™ Roloc™ attachment system offers quick and easy disc change-out for multi-step finishing processes



Scotch-Brite™ Roloc™ Rapid Cut Unitized Wheel

- Combines Scotch-Brite non-woven technology with 3M™ Precision Shaped Grain for an excellent cut rate, durability and consistent finishes
- Tough, layered, unitized construction effectively deburrs without altering dimensions of the workpiece
- Recommended for deburring and weld blending on all metals
- Quick change 3M™ Roloc™ attachment saves time in multi-step operations



MSC ID	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
Roloc™ TR (plastic button) 				
00222752	2" × 5/8" Tapered	RD-ZB, 50, TR	Green	10/40
00222786	2" × 5/8" Tapered	RD-ZB, 80, TR	Yellow	10/40
00222711	2" × 5/8" Tapered	RD-ZB, 120, TR	White	10/40
00222760	3" × 5/8" Tapered	RD-ZB, 50, TR	Green	10/40
00222737	3" × 5/8" Tapered	RD-ZB, 120, TR	White	10/40
00222802	3" × 5/8" Tapered	RD-ZB, 80, TR	Yellow	10/40

MSC ID	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
Roloc™ TR (plastic button) 				
32119653	2" × NH	9C CRS+	x	15/60
32119687	3" × NH	9C XCS+	x	10/40
51241222	3" × NH	9C CRS+	x	10/40
15578594	3" × 1/8" NH	9C CRS+	x	10/40
42298463	3" × 1/8" NH	9C XCS+	x	10/40

3M™ File Belts

For every \$3,000 in purchases of qualifying 3M abrasive belts, get a 3M™ File Belt Sander or 2 Attachment Arms of your choice – **FREE!**

3M™ File Belts – Reward Selections Free Tools and Accessories

3M™ File Belt Sander

- Ideally suited for use with 3M™ Abrasive Belts and Scotch-Brite™ Belts for a variety of metalworking applications
- Grinds and blends from contact wheel or platen finish and polishes from slack of belt
- Provides access to hard-to-reach areas
- Eight different attachment arms available



MSC ID	Model	Motor	Max. RPM	Belt speed SFPM (SMM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Width Inch (mm)	Airflow rate SCFM (LPM)
79113478	28366	0.6 HP	22,000	4990 (1521)	2.8 (1.3)	14.57* (370)	2.93* (74.5)	5.95* (151.2)	28 (793)

Accessories

- Provides access to hard-to-reach areas
- High quality construction
- Simple attachment to make changing arms fast and easy



3M™ File Belt Sander Attachment Arms

	MSC ID	Part number	Use with belt size	Description	Qty/case
	57451783	28368	1/2" × 18"	Standard Style: Standard arm included with 3M™ File Belt Sander (PN28366); sand with contact wheel or platen	1
	57451767	28369	1/2" × 18"	Thin Style: Thinner than standard arm; sand with contact wheel or platen	1
	84857168	28370	1/8" × 18" 1/4" × 18" 1/2" × 18"	Corners Style: Sand corners and grooves with contact wheel; accommodates three belt widths	1
	57451734	28371	5/8" × 18" 3/4" × 18"	Thick Standard Style: Thicker than standard arm; sand with contact wheel or platen; accommodates two belt widths	1
	77945756	28372	1/8" × 18" 1/4" × 18"	Corners Style: Sand corners and grooves with contact wheel; accommodates two belt widths	1
	91750687	28374	1/2" × 18"	Curved Arm: Unique curved arm used for blending flat areas; sand with contact wheel or platen	1
	02893881	28375	1/4" × 24" 1/2" × 24"	Vessel Arm: Unique large arm used for blending weld seams; sand with 4" contact wheel; includes tracking/control knob; accommodates two belt widths	1
	02893725	28376	1/2" × 24"	Sander Extension: Use to extend arms to 24" length; can be used with same attachment arm used for 18" length arms	1

3M™ File Belts – Qualifying Products

3M™ Cubitron™ II Cloth Belts

947A

- Made with revolutionary 3M Precision-Shaped Grain technology
- Flexible X wt poly-cotton backing
- Optimized for low-medium pressure applications on stainless, mild steel and aluminum



MSC ID	Size	Grade	Qty/case
56044290	1/2" x 18"	60+	200
56044282	1/2" x 18"	80+	200
56044357	1/2" x 18"	120+	200
56044324	1/2" x 24"	60+	200
32790560	1/2" x 24"	80+	200
32790693	1/2" x 24"	120+	200
33940792	3/4" x 18"	60+	200
33940800	3/4" x 18"	80+	200
33940818	3/4" x 18"	120+	200

981F

- Designed specifically for grinding on soft metal substrates like aluminum, brass and bronze
- 3M Precision-Shaped Grain cuts exceptionally fast for grinding and finishing on soft metals
- Strong mineral adhesion for reduced shelling when grinding on the edge of the belt



MSC ID	Size	Grade	Qty/case
94423837	1/2" x 18"	36+	200
94423860	1/2" x 18"	40+	200
94424058	1/2" x 18"	60+	200
94423985	1/2" x 24"	36+	200
94424025	1/2" x 24"	40+	200
94423886	1/2" x 24"	60+	200
94424033	3/4" x 18"	36+	200
94423977	3/4" x 18"	40+	200
N/A	3/4" x 18"	60+	200

984F

- Made with revolutionary 3M Precision-Shaped Grain technology
- YF wt backing
- Average up to 30% faster cutting on hard-to-grind metals than the next-best competitive belt
- Lasts up to 4 times as long as conventional ceramic aluminum oxide belts



MSC ID	Size	Grade	Qty/case
64407661	1/2" x 18"	36+	200
64407463	1/2" x 18"	60+	200
64407448	1/2" x 18"	80+	200
72872229	1/2" x 24"	36+	200
64407455	1/2" x 24"	60+	200
64407398	1/2" x 24"	80+	200
64407620	3/4" x 18"	36+	200
64407406	3/4" x 18"	60+	200
64407349	3/4" x 18"	80+	200

784F

- Excellent in medium/high pressure applications on a variety of different metals
- Strong value for medium pressure grinding and dimensioning
- Polyester waterproof backing



MSC ID	Size	Grade	Qty/case
33365925	1/2" x 18"	36+	200
32324170		60+	
13353842	3/4" x 18"	36+	200
33760976		60+	
32324139		80+	
32324154	1/2" x 24"	60+	200
32324147		80+	

3M™ File Belts – Qualifying Products (cont.)

3M™ Cloth Belt 384F

- Workhorse for general purpose metalworking applications
- Consistent performance on all metals at a great value
- Waterproof X wt polyester backing
- Available in grades 36+ to 240+; P320-400



MSC ID	Size	Grade	Qty/case
13353875	1/2" x 18"	36+	200
32323685		60+	
32323677		80+	
32323693		120+	
47899596	1/2" x 24"	36+	200
13353883		60+	
94054863		80+	
12737631		120+	
50497213	3/4" x 18"	60+	200
32323610		80+	
32323628		120+	

Available in grades 36+ to 400+

Scotch-Brite™ Durable Flex (DF) Surface Conditioning Belts

- Durable flex belt has great edge durability
- Aggressive and long lasting belt for deburring, finishing, blending and cleaning
- The reinforced low-stretch backing offers good flexibility



MSC ID	Size	Grade	Color	Qty/case
79113718	1/2" x 18"	A CRS	Brown	20
79113551	1/2" x 18"	A MED	Maroon	20
79113635	1/2" x 18"	A FIN	Green	20
79113726	1/2" x 24"	A CRS	Brown	20
79113569	1/2" x 24"	A MED	Maroon	20
79113643	1/2" x 24"	A FIN	Green	20
79113734	3/4" x 18"	A CRS	Brown	20
79113577	3/4" x 18"	A MED	Maroon	20
79113650	3/4" x 18"	A FIN	Green	20

Right Angle Solutions

This program features three different options with corresponding rewards, all of which can help you take advantage of the power of 3M™ Right Angle Abrasive Solutions.

Options

1.5 HP Tools	For every \$10,000 in purchases of qualifying 3M™ Right Angle Abrasives, you get a 1.5 HP 3M™ Grinder or 3M™ Cut-Off Wheel Tool of your choice – FREE .
1 HP Tools	For every \$6,000 in purchases of qualifying 3M™ Right Angle Abrasives, you get a 1 HP 3M™ Grinder or 3M™ Cut-Off Wheel Tool of your choice – FREE .
3M™ Fibre Discs	For every \$4,000 in purchases of qualifying 3M™ Fibre Discs, you get a set of 3M™ Fibre Disc Accessories – FREE. Choose among 3 combinations of faceplate, disc pad hub and retainer nut: 1. One case of Faceplates (10 ea), one case of Disc Pad Hubs (10 ea), 5 Retainer Nuts 2. Two cases of Faceplates (20 ea), one case of Disc Pad Hubs (10 ea) 3. Three cases of any one accessory, Faceplates or Disc Pad Hubs (30 ea)

Right Angle Solutions – Free Tools and Accessories

3M™ Cut-Off Wheel Tools

- Easily cut through everything from standard rebar to oversized bolts
- Exclusive 3M™ Gripping Material for added comfort
- Model 28826 provides greater versatility and control with right angle head and easily repositionable guard



1 HP Tool Program Options

MSC ID	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread
63223390	20233	3" (76)	1 (744)	25,000	37 (1,048)	91 (102)	2.6 (1.2)	8" (197)	3" (76)	3/8" NPT
92586049	28771	4" (100)	1 (744)	19,000	37 (1,048)	90 (102)	2.7 (1.2)	8" (197)	3" (83)	3/8" NPT

1.5 HP Tool Program Option

MSC ID	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread
92698232	28826	4 1/2–5" (115–125)	1.5 (1,120)	12,000	40 (1,133)	84 (92)	5.5 (2.5)	11" (279)	4" (111)	1/2" NPT

Right Angle Solutions – Free Tools and Accessories (cont.)

3M™ Grinders — Type 27

- Heavy-duty gear heads for added durability under high force applications
- 3M™ Gripping Material for reduced vibration and a secure grip with less effort
- Repositionable steel guards for better visibility



1 HP Tool Program Options

MSC ID	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Thread size
64398720	28403	4" (100)	1 (744)	12,000	37 (1,048)	3.5 (1.6)	9" (216)	5" (114)	3/8" NPT	3/8–24" EXT
N/A	28405	4 1/2" (114.3)	1 (744)	12,000	37 (1,048)	3.7 (1.7)	9" (216)	5" (119)	3/8" NPT	5/8–11" EXT

1.5 HP Tool Program Options

MSC ID	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Thread size
92701069	28824	4 1/2–5" (114.3–127)	1.5 (1,120)	12,000	40 (1,133)	5.3 (2.4)	11" (279)	4" (105)	1/2" NPT	5/8–11" EXT

Accessories

3M™ Fibre Disc Program Options

	Product name	MSC ID	Description	For use with	Min/case
	3M™ Disc Pad Hub	44795508	2 1/2" dia. 5/8-11" ext x 5/8-11" Int, For right angle grinders with 5/8-11" external short shafts (3/8" – 1/2")	3M™ Disc Pad Face Plates	10
		01866474	4 1/2" dia. 5/8-11" Int, For 7" and larger face plates		10
		15572092	2 1/2" dia. 5/8-11" Int		10
		54151402	2 1/2" dia. 5/8-11" Int, Low profile design allows fibre disc to fit inside guards		10
	3M™ Disc Pad Face Plates	92143403	4 1/2" dia., Red, Ribbed, Extra Hard	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
		01959121	4 1/2" dia., Black, Smooth, Hard		10
		01866383	5" dia., Red, Ribbed, Extra Hard		10
		01866391	5" dia., Black, Ribbed, Hard		10
		01866425	7" dia., Red, Ribbed, Extra Hard		10
		01866433	7" dia., Black, Ribbed, Hard		10
		01959089	9" dia., Red, Ribbed, Extra Hard		10
		01959097	9" dia., Black, Ribbed, Hard		10

Right Angle Solutions – Qualifying Products

3M™ Cubitron™ II Depressed Center Grinding Wheels — Type 27

- Fast-cutting, long-lasting wheels that require less pressure
- Ideal for heavy grinding and weld removal
- Specially formulated for use on stainless and mild steel
- Available with quick change attachment
- DO NOT USE ON TOOLS WITHOUT GUARDS



MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
35191287	4" × 1/4" × 3/8"	15,300	10/20	✓		
35191311	4 1/2" × 1/4" × 7/8"	13,300	10/20	✓	✓	
35191303	5" × 1/4" × 7/8"	12,250	10/20	✓	✓	
T27 Quick Change				1 HP Tool	1.5 HP Tool	Fibre discs
81680068	4 1/2" × 1/4" × 5/8-11"	13,300	10/20	✓	✓	
35191212	5" × 1/4" × 5/8-11"	12,250	10/20	✓	✓	

3M™ Silver Depressed Center Grinding Wheels

- Powered by the legendary speed and long life of 3M Precision-Shaped Ceramic Grain
- Ideal for weld removal, beveling, edge chamfering and more
- Offers a longer life and faster cut than aluminum oxide, alumina zirconia and conventional ceramic abrasives
- Available with quick change attachment

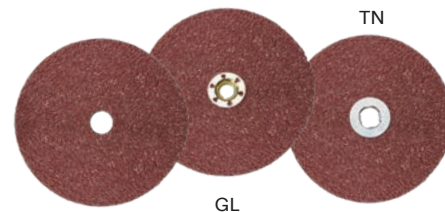


MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
46516621	4" × 1/4" × 3/8"	15,300	10/20	✓		
46516597	4 1/2" × 1/4" × 7/8"	13,300	10/20	✓	✓	
46516613	5" × 1/4" × 7/8"	12,250	10/20	✓	✓	
T27 Quick Change				1 HP Tool	1.5 HP Tool	Fibre discs
45991908	4 1/2" × 1/4" × 5/8-11"	13,300	10/20	✓	✓	
46518650	5" × 1/4" × 5/8-11"	12,250	10/20	✓	✓	

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Fibre Disc 982C for carbon steel

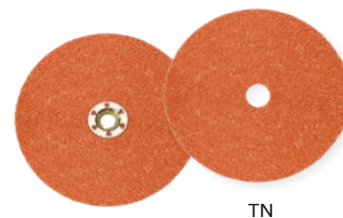
- Engineered to cut faster, cooler and with less grinding pressure than conventional abrasives
- Ideal for carbon steel applications



MSC ID	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
08317935	4 1/2" x 7/8"	36+	13,300	25/100	✓	✓	✓
71368971		60+	13,300	25/100	✓	✓	✓
71369060		80+	13,300	25/100	✓	✓	✓
08317984	4 1/2" x TN**	36+	13,300	25/100	✓	✓	✓
71369011		60+	13,300	25/100	✓	✓	✓
71369029		80+	13,300	25/100	✓	✓	✓
07777873	5" x 7/8"	36+	12,000	25/100	✓	✓	✓
71368930		60+	12,000	25/100	✓	✓	✓
71368948		80+	12,000	25/100	✓	✓	✓
50971811	5" x TN**	36+	12,000	25/100	✓	✓	✓
71369003		60+	12,000	25/100	✓	✓	✓
71369037		80+	12,000	25/100	✓	✓	✓
73908436	7" x 7/8"	36+	8,600	25/100			✓
72871973		60+	8,600	25/100			✓
73435828		80+	8,600	25/100			✓
08317950	7" x TN**	36+	8,600	25/100			✓
71368997		60+	8,600	25/100			✓
71369045		80+	8,600	25/100			✓
08317943	9 1/8" x 7/8"	36+	6,600	25/100			✓
71368963		60+	6,600	25/100			✓
71368989		80+	6,600	25/100			✓

3M™ Cubitron™ II Fibre Disc 987C for stainless steel and other heat-sensitive alloys

- Provide a fast, cool, long-lasting cut that requires less grinding pressure
- Ideal for cool cutting on stainless steel, high-nickel alloys, and superalloys.



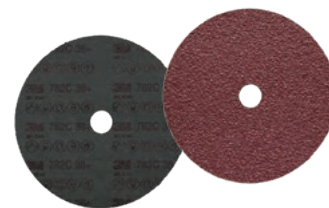
MSC ID	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
43644715	4 1/2" x 7/8"	36+	13,300	25/100	✓	✓	✓
71369052		60+	13,300	25/100	✓	✓	✓
71369102		80+	13,300	25/100	✓	✓	✓
54160510	4 1/2" x TN**	36+	13,300	25/100	✓	✓	✓
71369144		60+	13,300	25/100	✓	✓	✓
71369177		80+	13,300	25/100	✓	✓	✓
51208916	5" x 7/8"	36+	12,000	25/100	✓	✓	✓
71369094		60+	12,000	25/100	✓	✓	✓
71369110		80+	12,000	25/100	✓	✓	✓
00884379	5" x TN**	36+	12,000	25/100	✓	✓	✓
71369169		60+	12,000	25/100	✓	✓	✓
71369185		80+	12,000	25/100	✓	✓	✓
00882480	7" x 7/8"	36+	8,600	25/100			✓
71369078		60+	8,600	25/100			✓
71369128		80+	8,600	25/100			✓
00884445	7" x TN**	36+	8,600	25/100			✓
71369151		60+	8,600	25/100			✓
71369193		80+	8,600	25/100			✓
72798846	9 1/8" x 7/8"	36+	6,600	25/100			✓
71369086		60+	6,600	25/100			✓
71369136		80+	6,600	25/100			✓

**Quick Change Tinneman Nut Attachment

Right Angle Solutions – Qualifying Products (cont.)

3M™ Fibre Disc 782C for carbon steel

- Features 3M Precision-Shaped Ceramic Grain
- For weld removal, beveling, edge chamfering and more
- Ideal for carbon steel applications



Pkg: 25 per inner, 100 per case

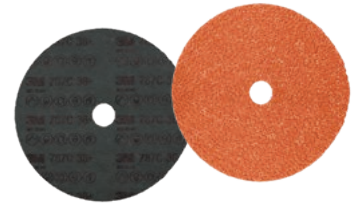
MSC ID	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
37671229	4 1/2" × 7/8"	36+	13,300	25/100	✓	✓	✓
32324543		60+	13,300	25/100	✓	✓	✓
32324535		80+	13,300	25/100	✓	✓	✓
32324493	5" × 7/8"	36+	12,000	25/100	✓	✓	✓
32324485		60+	12,000	25/100	✓	✓	✓
32324477		80+	12,000	25/100	✓	✓	✓
32324469	7" × 7/8"	36+	8,600	25/100			✓
32324436		60+	8,600	25/100			✓
32324428		80+	8,600	25/100			✓
32324410	9 1/8" × 7/8"	36+	6,600	25/100			✓
32324402		60+	6,600	25/100			✓
32324394		80+	6,600	25/100			✓
TN Quick Change					1 HP Tool	1.5 HP Tool	Fibre discs
32318594	4 1/2" × 5/8-11""	36+	13,300	25/100	✓	✓	✓
32318586		60+	13,300	25/100	✓	✓	✓
32318578		80+	13,300	25/100	✓	✓	✓
37967064	5" × 5/8-11""	36+	12,000	25/100	✓	✓	✓
32318560		60+	12,000	25/100	✓	✓	✓
32318552		80+	12,000	25/100	✓	✓	✓
32318545	7" × 5/8-11""	36+	8,600	25/100			✓
32318537		60+	8,600	25/100			✓
32318529		80+	8,600	25/100			✓

*Other sizes available upon request. **Quick Change Tinneman Nut Attachment

Right Angle Solutions – Qualifying Products (cont.)

3M™ Fibre Discs 787C for stainless steel non-ferrous metals

- Feature 3M Precision-Shaped Ceramic Grain technology
- Ideal for weld removal, beveling, edge chamfering and more
- Optimized for stainless steel and heat sensitive alloys



Pkg: 25 per inner, 100 per case

MSC ID	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
32324378	4 1/2" × 7/8"	36+	13,300	25/100	✓	✓	✓
32324360		60+	13,300	25/100	✓	✓	✓
32324352		80+	13,300	25/100	✓	✓	✓
32324386		120+	13,300	25/100	✓	✓	✓
32324303		36+	12,000	25/100	✓	✓	✓
33682527	5" × 7/8"	60+	12,000	25/100	✓	✓	✓
32324295		80+	12,000	25/100	✓	✓	✓
33682477		120+	12,000	25/100	✓	✓	✓
32324279		36+	8,600	25/100			✓
37884293	7" × 7/8"	60+	8,600	25/100			✓
32324261		80+	8,600	25/100			✓
32324287		120+	8,600	25/100			✓
32324246	9 1/8" × 7/8"	36+	6,600	25/100			✓
32324238		60+	6,600	25/100			✓
32324584		80+	6,600	25/100			✓
32324253		120+	6,600	25/100			✓
TN Quick Change					1 HP Tool	1.5 HP Tool	Fibre discs
32318503	4 1/2" × 5/8-11""	36+	13,000	25/100	✓	✓	✓
32318495		60+	13,000	25/100	✓	✓	✓
32318487		80+	13,000	25/100	✓	✓	✓
32318511		120+	13,000	25/100	✓	✓	✓
32318461	5" × 5/8-11""	36+	12,000	25/100	✓	✓	✓
32318453		60+	12,000	25/100	✓	✓	✓
32318446		80+	12,000	25/100	✓	✓	✓
32318479		120+	12,000	25/100	✓	✓	✓
32318412	7" × 5/8-11""	36+	8,600	25/100			✓
32318420		60+	8,600	25/100			✓
32318438		80+	8,600	25/100			✓
32318438		120+	8,600	25/100			✓

*Other sizes available upon request. **Quick Change Tinneman Nut Attachment

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Flap Discs 967A

- Powered by 3M Precision-Shaped Ceramic Grain
- Offer a great balance of fast cut and long life for a variety of medium-duty applications
- Constructed with a poly-cotton backing that exposes fresh material as they wear, for a fast, forgiving cut



TYPE 27

MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
52673498	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
52673555	60+				✓	✓	
52673456	80+				✓	✓	
39181060	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
39181052	60+				✓	✓	
39181045	80+				✓	✓	
91252106	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
80891815	60+				✓	✓	
03441367	80+				✓	✓	
39181037	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
53073482	60+				✓	✓	
39181029	80+				✓	✓	
39181011	40+	5" × 7/8"	12,000	10	✓	✓	
39181003	60+				✓	✓	
39180997	80+				✓	✓	
49006745	40+	5" × 5/8-11"	12,000	10	✓	✓	
10925865	60+				✓	✓	
10925824	80+				✓	✓	



TYPE 29

MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
39180922	40+	4" × 3/8-24"	15,000	10	✓		
39180914	60+				✓		
39180906	80+				✓		
45638731	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
52673506	60+				✓	✓	
52673563	80+				✓	✓	
39180856	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
39181193	60+				✓	✓	
39181185	80+				✓	✓	
45619533	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
03435302	60+				✓	✓	
03435351	80+				✓	✓	
57454233	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
44664738	60+				✓	✓	
39181177	80+				✓	✓	
39181169	40+	5" × 7/8"	12,000	10	✓	✓	
39181151	60+				✓	✓	
39181144	80+				✓	✓	
10925832	40+	5" × 5/8-11"	12,000	10	✓	✓	
10925840	60+				✓	✓	
10925857	80+				✓	✓	

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Flap Discs 969F

- Powered by 3M Precision-Shaped Ceramic Grain
- Feature a tough polyester backing to hold up under demanding applications like heavy grinding, deburring and beveling



MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
32324980	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
32324964	60+				✓	✓	
32324956	80+				✓	✓	
32324808	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
32324790	60+				✓	✓	
32324782	80+				✓	✓	
50327410	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
32324949	60+				✓	✓	
32324931	80+				✓	✓	
32324774	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
32324766	60+				✓	✓	
32324758	80+				✓	✓	
32324899	40+	5" × 7/8"	12,000	10	✓	✓	
32324881	60+				✓	✓	
32324873	80+				✓	✓	
32324923	40+	5" × 5/8-11"	12,000	10	✓	✓	
32324915	60+				✓	✓	
32324907	80+				✓	✓	



MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
32325284	40+	4" × 3/8-24"	15,000	10	✓		
32325276	60+				✓		
32325268	80+				✓		
50682699	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
32325334	60+				✓	✓	
32325326	80+				✓	✓	
32325102	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
32325094	60+				✓	✓	
32325086	80+				✓	✓	
32325318	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
32325300	60+				✓	✓	
32325292	80+				✓	✓	
32325078	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
32325060	60+				✓	✓	
32325052	80+				✓	✓	
32325185	40+	5" × 7/8"	12,000	10	✓	✓	
32325177	60+				✓	✓	
32325169	80+				✓	✓	
32325227	40+	5" × 5/8-11"	12,000	10	✓	✓	
32325201	60+				✓	✓	
32325193	80+				✓	✓	

Right Angle Solutions – Qualifying Products (cont.)



3M™ Flap Discs 769F

- Feature 3M Precision-Shaped Ceramic Grain technology
- Designed to provide a consistent cut over a wide range of medium- and heavy-duty applications



MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
11029907	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
11029667	60+				✓	✓	
11029535	80+				✓	✓	
11029899	120+				✓	✓	
11029568	40+	5" × 7/8"	12,000	10	✓	✓	
11029725	60+				✓	✓	
11029527	80+				✓	✓	
11029584	120+				✓	✓	



MSC ID	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
11029634	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
11029543	60+				✓	✓	
11029600	80+				✓	✓	
11029717	120+				✓	✓	
11029741	40+	5" × 7/8"	12,000	10	✓	✓	
11029550	60+				✓	✓	
11029758	80+				✓	✓	
11029824	120+				✓	✓	

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Cut & Grind Wheels

- Designed to be used as both a depressed center grinding wheel and a cut-off wheel
- Ideal for cutting, grinding, gouging and more



3M™ Cubitron™ II Cut & Grind Wheels – T27

MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
32761017	4" × 1/8" × 3/8"	15,300	10/20	✓		
31888084	5" × 1/8" × 7/8"	12,250	10/20	✓	✓	
32760993	4 1/2" × 1/8" × 7/8"	13,300	10/20	✓	✓	
T27 Quick Change						
92453703	4 1/2" × 1/8" × 5/8-11"	13,300	10/20	✓	✓	
32760951	5" × 1/8" × 5/8-11"	12,250	10/20	✓	✓	

3M™ Cut & Grind Wheels

- Feature 3M Precision-Shaped Ceramic Grain technology
- Long lasting and versatile wheel, ideal for back gouging, fillet weld removal, and notching.



3M™ Cut & Grind Wheels

MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
96860333	4" × 1/8" × 3/8"	15,300	10/20	✓		
96860325	4" × 1/8" × 7/8"	12,250	10/20	✓	✓	
96860358	5" × 1/8" × 7/8"	13,300	10/20	✓	✓	
T27 Quick Change						
96860374	4 1/2" × 1/8" × 5/8-11"	13,300	10/20	✓	✓	
96860317	5" × 1/8" × 5/8-11"	12,250	10/20	✓	✓	

3M™ Cubitron™ II Cut-Off Wheels

- Feature 3M Precision-Shaped Ceramic Grain for a faster, longer-lasting cut
- Designed to provide high cut rates on all types of ferrous metals, stainless steels, alloy steels and cast iron
- Available in Type 1 (straight), Type 27 (depressed center) and with a quick change attachment



MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
81680431	3" × .035" × 3/8"	25,465	25/50	✓		
81680415	3" × .06" × 3/8"	25,465	25/50	✓		
81680399	4" × .035" × 3/8"	19,100	25/50	✓		
81680373	4" × .06" × 3/8"	19,100	25/50	✓		
81680332	4" × .125" × 3/8"	19,100	25/50	✓		
39133103	4 1/2" × .040" × 7/8"	13,300	25/50		✓	

3M™ Cubitron™ II Cut-Off Wheel – T27

MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
39226915	4 1/2" × .040" × 7/8"	13,300	25/50		✓	
81679748	4 1/2" × .045" × 7/8"	13,300	25/50		✓	
N/A	4 1/2" × .125" × 7/8"	13,300	25/50		✓	
81679698	5" × .045" × 7/8"	12,250	25/50		✓	
81679664	5" × .09" × 7/8"	12,250	25/50		✓	
T27 Quick Change						
81679755	4 1/2" × .045" × 5/8-11"	13,300	25/50		✓	
81679730	4 1/2" × .09" × 5/8-11"	13,300	25/50		✓	
81679714	4 1/2" × .125" × 5/8-11"	13,300	25/50		✓	

Right Angle Solutions – Qualifying Products (cont.)

3M™ Silver Cut-Off Wheels

- Feature 3M Precision-Shaped Ceramic Grain technology for a fast, smooth, long lasting cut
- Ideal for all types of ferrous metals, stainless steels and alloy steels
- Available in Type 1 (straight) and Type 27 (depressed center)



3M™ Silver Cut-Off Wheels – Type 1

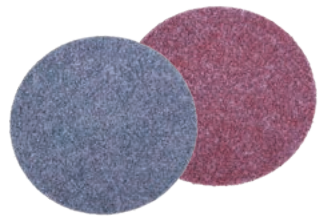
MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
46518908	3" × .035" × 3/8"	25,465	25/50	✓		
46518890	3" × .060" × 3/8"	25,465	25/50	✓		
46518874	4" × .035" × 3/8"	19,100	25/50	✓		
46518858	4" × .060" × 3/8"	19,100	25/50	✓		
46518932	4" × .125" × 3/8"	19,100	25/50	✓		
46518866	4.5" × .040" × 7/8"	13,300	25/50		✓	
46518841	4.5" × .045" × 7/8"	13,300	25/50		✓	
46518825	5" × .045" × 7/8"	12,250	25/50		✓	

3M™ Silver Cut-Off Wheels – Type 27

MSC ID	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
46518833	4 1/2" × .045" × 7/8"	13,300	25/50		✓	
10925774	4 1/2" × .093" × 7/8"	13,300	25/50		✓	
46518809	5" × .045" × 7/8"	12,250	10/20		✓	

Scotch-Brite™ Light Grinding and Blending Discs

- Durable discs constructed with aluminum oxide blend abrasive grain for an aggressive cut, long life and consistent finish
- Ideal for light grinding applications to produce a burr-free and paintable finish
- Resistant to edge wear



Scotch-Brite™ Light Grinding & Blending Disc – TN Quick Change

MSC ID	Diameter × center hole (Inches)	Grade	Max. RPM	Qty/case	Program Option		
					1 HP Tool	1.5 HP Tool	Fibre discs
85163491	4 1/2" × 5/8-11**	A CRS SD	13,000	50	✓	✓	
43349927		A CRS HD	13,000	50	✓	✓	
82590167	5" × 5/8-11**	A CRS SD	12,000	50	✓	✓	
43349877		A CRS HD	12,000	50	✓	✓	

*Quick Change Tinneman Nut Attachment

Scotch-Brite™ Light Grinding & Blending Disc – Center Hole Disc

MSC ID	Diameter × center hole (Inches)	Grade	Max. RPM	Qty/case	Program Option		
					1 HP Tool	1.5 HP Tool	Fibre discs
43645035	4 1/2" × 7/8"	A CRS SD	10,000	50	✓	✓	
43644939		A CRS HD	10,000	50	✓	✓	
43349927	5" × 7/8"	A CRS SD	10,000	50	✓	✓	
43349919		A CRS HD	10,000	50	✓	✓	

SD = Super Duty HD = Heavy Duty

Right Angle Solutions – Qualifying Products (cont.)

Scotch-Brite™ Clean and Strip XT Pro Discs

- Made with silicon carbide mineral
- Features optimized nylon fiber web for reduced chunking and higher conformability
- Ideal for surface prep and rust, paint and light mill scale removal



MSC ID	Diameter × center hole (Inches)	Type	Grade	Max. RPM	Qty/case	Program option		
						1 HP Tool	1.5 HP Tool	Fibre discs
11030111	4 1/2" × 5/8-11"	Type 27 Quick Change	S XCS	13,300	10	✓	✓	
11029972	4 1/2" × 7/8"	Type 27	S XCS	13,300	10	✓	✓	
11030137	4 1/2" × 5/8-11"	TN Quick Change	S XCS	13,300	10	✓	✓	
11030095	5" × 5/8-11"	Type 27 Quick Change	S XCS	12,000	10	✓	✓	

Scotch-Brite™ Clean & Strip XT Pro Extra Cut Disc

- Made from aluminum oxide mineral
- Removes thick paint, coatings and weld discoloration, as well as heavy rust and rust pits without leaving divots
- Cuts to bare metal quickly
- Ideal for adhesion prep



MSC ID	Diameter × center hole (Inches)	Type	Grade	Max. RPM	Qty/case	Program option		
						1 HP Tool	1.5 HP Tool	Fibre discs
11030269	4 1/2" × 5/8-11"	Type 27 Quick Change	A XCS	13,300	10	✓	✓	
11030293	4 1/2" × 7/8"	Type 27	A XCS	13,300	10	✓	✓	
11030350	4 1/2" × 5/8-11"	TN Quick Change	A XCS	13,300	10	✓	✓	
11030244	5" × 5/8-11"	Type 27 Quick Change	A XCS	12,000	10	✓	✓	

*Quick Change Tinneman Nut Attachment

Small Area Paint Repair

This program features three different options with corresponding rewards, all of which can help you take advantage of the power of the 3M™ Trizact™ Finesse-It™ Paint Defect Repair System.

Options

Option 1	For every \$6,500 in purchases of qualifying 3M™ Trizact™ Finesse-It™ Film Discs, you get your choice of one 3M™ Sanding Tool OR three cases of accessories – FREE .
Option 2	For every \$6,500 in purchases of qualifying 3M™ Finesse-It™ Buff Pads, you get your choice of one 3M™ Buffer OR three (3) cases of accessories – FREE .
Option 3	For every \$6,500 in purchases of qualifying 3M™ Polishes, you get your choice of one 3M™ Buffer OR three (3) cases of accessories – FREE .

Small Paint Repair – Free Tools & Accessories

3M™ Mini Orbital Sanders

- Ideal for repairing small defects in paint and clear coat surfaces, and in hard-to-reach areas
- Lightweight construction improves ease of use and reduces vibration
- Designed for Roloc™ direct-mount sanding pads for greater control and time savings



MSC ID	Part number	Product name	Diameter (inches)
55238984	28737	3M™ Elite Series Mini Orbital Sander	1 1/4"
89645824	20244	3M™ Mini Random Orbital Nib Sander	1 1/4"

3M™ Buffers

- Ideal for buffing and polishing defects on clear coat, powder coat, acrylic, solid surface, or polyurethane
- Low-profile lightweight design and quiet operation enhance control and comfort
- Feature 3M™ Gripping Material to improve handling while reducing fatigue and vibration



MSC ID	Part number	Product name	Diameter (inches)
62476189	28333	3M™ Buffer	3"
14875900	28769	3M™ Palm Buffer	3"
63618045	28631	3M™ Buffer (Rotary)	3"
91405589	28392	3M™ Buffer	5"

Small Area Paint Repair – Free Tools & Accessories (cont.)

Accessories

3M™ Hookit™ Disc Pads and Clean Sanding Disc Pads

- Ideal for aggressive flat sanding operations
- Multi-hole pattern helps eliminate dust and prevent loading
- One piece threaded shank for low vibration and improved balance



MSC ID	Part number	Max. RPM	Max. OPM	Density rating	Hook Type	For use with	Thread Size	Diameter (inches)	Qty/case
92143387	20350	15,000	15,000	Firm	2	3M™ R/O Buffers – 3"	1/4-20 EXT	3"	10
92143429	28472	15,000	15,000	Firm	2	3M™ R/O Buffers – 3"	1/4-20 EXT	3"	10
13354915	84226	12,000	12,000	Soft	1	3M™ R/O Buffers – 5"	5/16-24 EXT	5" with vacuum grooves	10

3M™ Finesse-It™ Roloc™ Sanding Pads

- 3M™ Roloc™ quick change system provides fast change out for multi-step finishing processes
- Medium density foam with black rubber face provides effective leveling for paint defects
- Optimized for use with random orbital tools



MSC ID	Part number	Max. RPM	Max. OPM	Diameter (inches)	Density rating	Diameter (inches)	Qty/case
15572241	21637	10,000	10,000	1 1/4" (32)	Medium	1 1/4" (32)	10
82425109	02345	10,000	10,000	1 1/4" (32)	Medium	1 1/4" (32)	10
37218302	02511	10,000	12,000	1 1/4" (32)	Firm	1 1/4" (32)	10

3M™ Finesse-It™ Hand Sanding Pads

- Ideal for working small defects and accessing hard to reach areas
- Soft black vinyl face helps produce a finer finish
- Available with contoured handle for an easier grip



MSC ID	Description	Diameter (inches)
15600943	Standard	1 1/4" (32)
91082628	Contoured	1 1/4" (32)

Small Area Paint Repair – Qualifying Products:

Option 1 Qualifying Products:

3M™ Trizact™ Finesse-It™ Film Discs 468LA

- Features unique micro-structured abrasive pattern designed for a faster cut and longer disc life with less pressure
- Silicon carbide material cuts sharp to remove surface imperfections without gouging
- Pressure sensitive adhesive backing provides fast tool attachment



MSC ID	Description	Size
39665658	Grade A3 Best Finish	1 1/4" diameter
N/A		1 3/8" scalloped
31111164	Grade A5 Fine Finish	1 1/4" diameter
15601099		1 3/8" scalloped
15601123	Grade A7 Fastest Cut	1 1/4" diameter
16928442		1 3/8" scalloped

3M™ Trizact™ Finesse-It™ Film Discs 464LA

- Optimized for use with 3M™ Trizact™ Finesse-it™ Repair System to produce a polish ready finish

	MSC ID	Description	Size
	37218088	Grade A3 Best finish	1 1/4" diameter
	15601073		1 3/8" scalloped
	92918176	Grade A5 Fine finish	1 1/4" diameter
	15601115		1 3/8" scalloped
	N/A	Grade A7 Fastest cut	1 1/4" diameter
	15601081		1 3/8" scalloped

3M™ Trizact™ Finesse-It™ Film Discs 466LA

- Optimized for use with 3M™ Trizact™ Finesse-it™ Repair System to produce a polish ready finish

	MSC ID	Description	Size
	52946084	Grade A3 Best finish	1 1/4" diameter
	14875868		1 3/8" scalloped
	53470456	Grade A5 Fine finish	1 1/4" diameter
	15600968		1 3/8" scalloped
	52945714	Grade A7 Fastest cut	1 1/4" diameter
	52945722		1 3/8" scalloped

Option 2 Qualifying Products:

3M™ Finesse-It™ Buff Pads

- Provides soft, smooth surface for applying 3M™ Finesse-it™ polishes
- Convolute face provides an efficient finishing action and helps prevent swirl marks
- Repairs coatings without repainting
- 3M™ Hookit™ attachment system holds pad securely and provides quick disc/pad change-out



MSC ID	Description	Size
35658046	Gray Foam	3 1/4"
42507293	Gray Foam	3 3/4"
42507244	Gray Foam	5 1/4"
54419585	Gray Foam, Flat Face	3 1/2"

3M™ Finesse-It™ Buff Pads

- 3M Finesse-it™ buff pads provide a soft, smooth surface for applying 3M™ Finesse-it™ polishes

	MSC ID	Description	Size
	87904728	Orange Foam / White Loop	3 1/4"
	91554287	Orange Foam / Black Loop	3 1/4"
	86149317	Orange Foam / White Loop	3 3/4"
	82410721	Orange Foam / White Loop	5 1/4"
	91554261	Orange Foam / Black Loop	5 1/4"
	15571623	Red Foam	3 1/4"
	15571573	Red Foam	3 3/4"
	15571722	Red Foam	5 1/4"
	32451171	Red Foam / Flat Face	3 1/2"
	15571599	Green Foam	3 1/4"
	15571615	Green Foam	3 3/4"
	15571607	Green Foam	5 1/4"
	15571631	Green Foam / Flat Face	3 1/2"
	91554303	White Foam / Black Loop	3"
	91554253	Open Cell White Foam / White Loop	3 3/4"
	86817426	White Foam / Black Loop	5 1/4"
	15571680	Open Cell White Foam	5 1/4"
	15571664	Knit Buffing Pad	3"
	82410911	Natural Buffing Pad	3"
	15571664	Knit Buffing Pad	5 1/4"
	60506763	Natural Buffing Pad / Black	5 1/4"
	86817459	Knit Buffing Pad	5 1/4"
	82410929	Natural Buffing Pad	3"
	91554238	Knit II Buffing Pad	3"
	60506755	Knit II Buffing Pad	3"
	86817475	Natural Buffing Pad / Black	3"
	15571730	Low Lint Knit II Buffing Pad	3"
	15571672	Low Lint Knit II Buffing Pad	5 1/4"

Small Area Paint Repair – Qualifying Products (cont.)

Option 3 Qualifying Products:

3M™ Trizact™ Finesse-It™ Polish Premium Series 315 and 320

- A proprietary combination of advanced abrasives and gloss enhancements
- Choose Finesse-it™ Polish 315 for fast results – or Finesse-it™ Polish 320 for even faster results
- Achieves a haze-free, high-gloss finish
- Delivers rapid, predictable results
- Ideal for premium 2K clearcoats sanders to produce a polish-ready finish



MSC ID	Product name	Description	Size
15571656	3M™ Finesse-it™ Polish - 315	High Gloss Finish	1 gallon
15571649	3M™ Finesse-it™ Polish - 320	High Gloss Finish	1 gallon

3M™ Finesse-It™ Polishes

- Designed specifically for use on automotive OEM clear coats to remove scratches or swirl marks and achieve excellent, consistent results
- Premium Series features unique, advanced formula for fast one-step polishing and a haze-free, high gloss finish

	MSC ID	Product name	Description	Size
	92919315	3M™ Finesse-it™ Polish - Extra Fine	EF (Extra Fine)	1 gallon
	48263990	3M™ Finesse-it™ Final Finish	FF (Final Finish)	1 liter
	43144518			1 gallon
	48264048	3M™ Finesse-it™ Polish - Purple	P (Purple)	1 gallon
	84604891	3M™ Finesse-it™ Finishing Material	FM (Finishing Material)	1 liter
	15571698			1 gallon
	15571748	3M™ Finesse-it™ Polish - K215GP	Fine Finish	1 gallon
	15571698	3M™ Finesse-it™ Polish - K218	Fine Finish	1 gallon
	90472796	3M™ Finesse-it™ Polish - K211	High Viscosity Polish	1 gallon

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

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

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



Abrasive Systems Division
3M Center, Building 223-6N-02
St. Paul, MN 55144-1000
1-866-279-1235
www.3M.com/abrasives

3M, Cubitron, Finesse-It, Hookit, Roloc, Scotch-Brite, Stikit and Trizact are trademarks of 3M Company.
Used under license by 3M subsidiaries and affiliates.

Please recycle. Printed in USA.
© 3M 2021. All rights reserved.
Issued: 7/21 16811HB
61-5002-8491-6 Rev. A