

Random Orbital Systems

3M™ Abrasive Discs for Orbital Sanding

For more than 100 years, 3M Science has provided technologies designed to make your life easier and improve the world — one finish at a time. 3M offers the most advanced technologies and processes in the industry — and a wide selection of sanding discs to tackle any job.

3M™ Random Orbital Sanding Discs are designed to handle your specific sanding and finishing needs. Primary applications include stock removal, light weld blending, and paint preparation of surfaces from carbon steel to aluminum. The 3M portfolio offers the best sanding discs for metal applications to get the job done right.

3M™ and Scotch-Brite™ Disc Selection Guide

Performance	3M ID	Anti-Loading or Grinding Aid	Backing	Application		Material Type			Attachment System		
				Blending	Finishing	Stainless Steel	Aluminum	Carbon Steel	Stikit™/PSA	Hookit™	Clean Sanding
Premium	732U	✓	C-Paper	●		●	●	●	●	●	●
	763U		F-Paper	●				●	●	●	●
	775L	✓	Film	●	●	●	●	●	●	●	●
	777F	✓	Y-Cloth	●		●		●	●		
	900DZ		J-Cloth	●			●		●	●	●
	947A	✓	X-Cloth	●		●		●		●	
	7447 PRO		Non-Woven		●	●	●	●		●	
Advanced	236U	✓	C-Paper	●	●		●	●	●	●	●
	341D/348D		X-Cloth	●	●	●		●	●		
	375L	✓	Film	●	●		●	●	●	●	†
Good	202DZ		J-Cloth		●		●	●	●		
	426U	✓	A-Paper		●		●		●	●	●

† 375L Clean Sanding Discs available in grades 60–P400.

3M™ Cubitron™ II Discs

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

- Cuts Faster — Increased throughput with faster sanding and more parts per disc
- Lasts Longer — Lower costs with long disc life and fewer disc changes
- Consistent Finish — Minimal rework due to consistent finish quality



UPC	Size	Grade	Discs
Rolls			
051125-86810-5	5" x NH	80+	100/4
051125-86811-2	5" x NH	120+	125/4
076308-64276-1	5" x NH	150+	100/4
076308-64280-8	5" x NH	180+	100/4
076308-64284-6	5" x NH	220+	100/4
076308-47091-3	5" x NH	240+	100/4
076308-47084-5	5" x NH	320+	100/4
638060-05063-7	5" x NH	400+	100/4
051125-86812-9	6" x NH	80+	100/4
051125-86813-6	6" x NH	120+	125/4
051125-87049-8	6" x NH	150+	100/4
051125-87048-1	6" x NH	180+	100/4
051125-87103-7	6" x NH	220+	100/4
076308-47092-0	6" x NH	240+	100/4
076308-47103-3	6" x NH	320+	100/4
638060-05065-1	6" x NH	400+	100/4
Tab Lined Film			
051125-86802-0	5" x NH	80+	50/250
051125-86803-7	5" x NH	120+	50/250
076308-64275-4	5" x NH	150+	50/250
076308-64279-2	5" x NH	180+	50/250
076308-64283-9	5" x NH	220+	50/250
076308-47087-6	5" x NH	240+	50/250
076308-47083-8	5" x NH	320+	50/250
638060-05068-2	5" x NH	400+	50/250
051125-86804-4	6" x NH	80+	50/250
051125-86805-1	6" x NH	120+	50/250
051125-87053-5	6" x NH	150+	50/250
051125-87052-8	6" x NH	180+	50/250
051125-87105-1	6" x NH	220+	50/250
076308-47088-3	6" x NH	240+	50/250
076308-47105-7	6" x NH	320+	50/250
638060-05067-5	6" x NH	400+	50/250

NH = No Hole, D/F = Dust Free

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

- Ideal for shaping, dimensioning and detailing architectural elements
- Use for leveling and finishing, especially for "body-in-white" applications
- Produces fine finish for fast surface prep

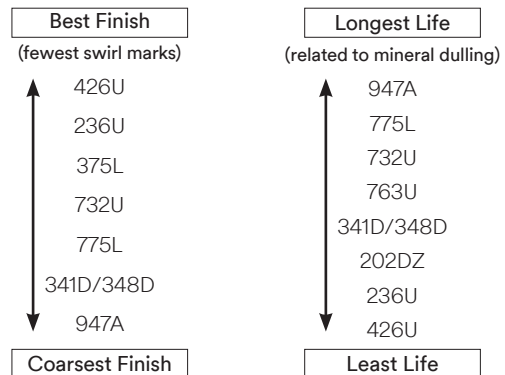


UPC	Size	Grade	Max RPM	Min/Case
076308-45699-3	3" x NH	40+	15,000	200
076308-45700-6	3" x NH	60+	15,000	200
076308-45701-3	3" x NH	80+	15,000	200
076308-45702-0	3" x NH	120+	15,000	200
076308-45703-7	5" x NH	40+	12,000	200
076308-45704-4	5" x NH	60+	12,000	200
076308-45705-1	5" x NH	80+	12,000	200
076308-45706-8	5" x NH	120+	12,000	200
076308-45707-5	6" x NH	40+	12,000	200
076308-45708-2	6" x NH	60+	12,000	200
076308-45709-9	6" x NH	80+	12,000	200
076308-45710-5	6" x NH	120+	12,000	200
Dust Free				
076308-45711-2	3" x D/F	40+	15,000	200
076308-45712-9	3" x D/F	60+	15,000	200
076308-45713-6	3" x D/F	80+	15,000	200
076308-45714-3	3" x D/F	120+	15,000	200
076308-45715-0	5" x D/F	40+	12,000	200
076308-45716-7	5" x D/F	60+	12,000	200
076308-45717-4	5" x D/F	80+	12,000	200
076308-45718-1	5" x D/F	120+	12,000	200
076308-45719-8	6" x D/F	40+	12,000	200
076308-45720-4	6" x D/F	60+	12,000	200
076308-45721-1	6" x D/F	80+	12,000	200
076308-45722-8	6" x D/F	120+	12,000	200

NH = No Hole, D/F = Dust Free

Tech tip

3M™ Disc Finish and Life: comparing grade 180



3M™ Stikit™ Discs

3M™ Stikit™ Disc Roll 341D

- Aluminum oxide on a durable X wt cloth backing
- Resin bonded for heat resistance

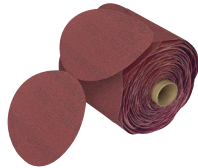


UPC	Diameter	Grade	Discs/Roll	Qty/Case
Cloth Backing				
051144-21752-6	5" X NH	50	100	4
051144-21751-9	5" X NH	60	100	4
051144-21750-2	5" X NH	80	100	4
051144-21749-6	5" X NH	P100	100	4
051144-21748-9	5" X NH	P120	100	4
051144-21746-5	5" X NH	P180	100	4
051144-21762-5	6" X NH	60	100	4
051144-21761-8	6" X NH	80	100	4

NH = No Hole

3M™ Stikit™ Film Disc Roll 375L

- Durable film construction provides tear resistant properties
- Premium abrasive and load resistant coating provide fast cut and long life
- Flexible, smooth film backing conforms to contours and rounded edges
- Produces a uniform and consistent finish because of the flatness of the film backing



UPC	Diameter	Grade	Min/Case
051115-66793-0	5" x NH	P80	100/4
051115-66794-7	5" x NH	P100	100/4
051115-66795-4	5" x NH	P120	100/4
051115-66796-1	5" x NH	P150	100/4
051115-66797-8	5" x NH	P180	100/4
051115-66798-5	5" x NH	P220	100/4
051115-66799-2	5" x NH	P240	100/4
051115-66801-2	5" x NH	P320	100/4
051115-66802-9	5" x NH	P400	100/4
051115-66803-6	6" x NH	P80	100/4
051115-66804-3	6" x NH	P100	100/4
051115-66805-0	6" x NH	P120	100/4
051115-66806-7	6" x NH	P150	100/4
051115-66807-4	6" x NH	P180	100/4
051115-66808-1	6" x NH	P220	100/4
051115-66809-8	6" x NH	P240	100/4
051115-66811-1	6" x NH	P320	100/4
051115-66812-8	6" x NH	P400	100/4

NH = No Hole

3M™ Stikit™ Disc Roll 426U

- Silicon carbide abrasive on a flexible A wt paper backing
- Features a load resistant coating
- Delivers good cut and excellent finish



UPC	Diameter	Grade	Discs/Roll	Qty/Case
051141-27775-2	5" x NH	80	125	10
051141-27776-9	5" x NH	100	125	10
051141-27777-6	5" x NH	120	125	10
051141-27778-3	5" x NH	150	175	6
051141-27779-0	5" x NH	180	175	6
051141-27780-6	5" x NH	220	175	6
051141-27781-3	5" x NH	240	175	6
051141-27782-0	5" x NH	280	175	6
051141-27783-7	5" x NH	320	175	6
051141-27784-4	5" x NH	400	175	6
051141-27785-1	6" x NH	80	125	10
051141-27786-8	6" x NH	100	125	10
051141-27787-5	6" x NH	120	125	10
051141-27788-2	6" x NH	150	175	6
051141-27789-9	6" x NH	180	175	6
051141-27790-5	6" x NH	220	175	6
051141-27791-2	6" x NH	240	175	6
051141-27792-9	6" x NH	320	175	6

NH = No Hole

3M™ Stikit™ Disc Roll 763U

- 3M ceramic aluminum oxide blend abrasive grain on a heavy F wt paper backing

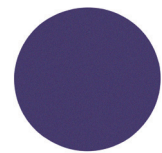


UPC	Diameter	Grade	Discs/Roll	Qty/Case
Paper Backing				
051144-80942-4	5" x NH	60	100	4
051144-80943-1	5" x NH	80	100	4
051144-80944-8	5" x NH	P100	100	4
051144-80945-5	5" x NH	P120	100	4
051144-80946-2	6" x NH	60	100	4
051144-80947-9	6" x NH	80	100	4

NH = No Hole

3M™ Stikit™ Cloth Disc 900DZ

- 3M™ Ceramic Abrasive Grain on a light, J-weight cloth
- Wear-resistant backing, flexible and ideal for both flat and contour sanding



UPC	Diameter	Grade	Min/Case
051141-28099-8	5" x NH	60	50/250
051111-49639-8	5" x NH	80	50/250
051111-49640-4	5" x NH	P100	50/250
051111-49641-1	5" x NH	P120	50/250
051111-49643-5	5" x NH	P150	50/250
051111-49642-8	5" x NH	P180	50/250
051111-49644-2	5" x NH	P220	50/250

NH = No Hole