

Random Orbital Systems



3M™ Abrasive Discs for Random Orbital Sanding

3M™ Stikit™ and PSA Discs are designed to handle a wide range of sanding and finishing needs. These discs have a pressure sensitive adhesive coating on the back side for easy application and clean removal.

Scotch-Brite™ Random Orbital (RO) Discs are engineered to give you a faster-cutting, longer-lasting and more consistent alternative to paper and cloth-back coated abrasives on applications like prepping bare metal for painting. These innovative discs are constructed especially for random orbital sanders, using a non-woven nylon web embedded with premium ceramic grain. The result is a longer-lasting disc that offers a quicker initial cut than most coated abrasives designed for random orbital sanders — plus a more consistent finish from beginning to end.

3M™ and Scotch-Brite™ Disc Selection Guide

Product	Anti-Loading	Backing	Performance	Application		Metal Type						
				Blending	Finishing	Stainless Steel	Aluminum	Carbon Steel	Titanium	Nickel Alloy	Non-Ferrous (Brass Bronze)	
NX	Yes	C & D wt. Paper	Good	■	■	■	■	■				
341D	—	X wt. Cloth	Good	■	■		■	■				■
236U	Yes	C wt. Paper	Better	□	□		□	□				
426U	Yes	A wt. Paper	Better		□	□	□	□				
363I	—	F wt. Paper	Better	□	□		□	□				
202DZ	—	J wt. Cloth	Better	□	□		□					□
348D	—	X wt. Cloth	Better	□			□	□				
735U	Yes	C wt. Paper	Best	■	■		■	■				
763U	—	F wt. Paper	Best	■	■	■	■	■				
777F	—	Y wt. Cloth	Best	■	■	■		■	■	■		
900DZ	—	J wt. Cloth	Best	■	■		■					
Scotch-Brite™ RO	—	Nylon	Best	■	■	■	■	■	■	■		■

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
Paper 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

3M™ Stikit™ Disc Roll 363I

- Aluminum oxide on an extra heavy F wt. paper backing
- Resin bonded for heat resistance



UPC	Diameter	Grade	Discs/Roll	Qty./Case
Paper Backing				
051144-21800-4	5" x NH	60	100	4
051144-21799-1	5" x NH	80	100	4
051144-21798-4	5" x NH	P100	100	4
051144-21797-7	5" x NH	P120	100	4
051144-21796-0	5" x NH	P150	100	4
051144-21795-3	5" x NH	P180	100	4
051144-21794-6	6" x NH	60	100	4
051144-21793-9	6" x NH	80	100	4
051144-21792-2	6" x NH	P100	100	4
051144-21791-5	6" x NH	P120	100	4
051144-21790-8	6" x NH	P150	100	4
051144-21789-2	6" x NH	P180	100	4

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
051115-66800-5	5" x NH	P280	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
051115-66810-4	6" x NH	P280	100/4
051115-66811-1	6" x NH	P320	100/4
051115-66812-8	6" x NH	P400	100/4

Tech Tip

3M™ Disc Finish and Life — comparing grade 180

Best Finish (fewest swirl marks)

Longest Life (related to mineral dulling)

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426U
NX
236U
375L
363I
735U
Scotch-Brite™ RO
763U
202DZ
341D
900DZ

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Coarsest Finish

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900DZ
777F
Scotch-Brite™ RO
341D
202DZ
763U
735U
363I
375L
236U
NX
426U

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Least Life

