

3M™ PSA Cloth Disc 348D



Specifications

Application Category	Blending/Deburring, Finishing/Polishing, Grinding/Metal Stock Removal, Orbital Sanding
Applications	Deburring, Finishing, Grinding, Sanding
Attachment Type	PSA
Backing Material	Cloth
Backing Weight	X Weight
Brand	3M™
Center Hole Diameter	14 Inch
Center Hole Diameter (Metric)	355.6 mm
Coat Type	Closed Coat
Color	Brown
Converted Form	PSA Disc
Diameter	0.5 Inch, 0.75 Inch, 1 Inch, 1.5 Inch, 10 Inch, 12 Inch, 15 Inch, 16 Inch, 18

Inch, 2 Inch, 20 Inch, 24 Inch, 3 Inch, 30 Inch, 36 Inch, 4 Inch, 5 Inch, 6 Inch, 8 Inch, 9 Inch

Diameter (Metric) 101.6 mm, 12.7 mm, 127 mm, 152.4 mm, 19.05 mm, 203.2 mm, 228.6 mm, 25.4 mm, 254 mm, 304.8 mm, 38.1 mm, 381 mm, 406.4 mm, 457.2 mm, 50.8 mm, 508 mm, 609.6 mm, 76.2 mm, 762 mm, 914.4 mm

Equipment - Machines Bench Top Motors, Disc Sanders, Random Orbital Sanders

Form Type PSA

For Use On Aluminum, Brass, Bronze, Carbon Steel, Soft Metals

Grade 36, 40, 50, 60, 80, P100, P120, P150, P180, P240

Industries Marine, Metalworking, Woodworking

Max OPM 12000

Max RPM 10000, 12000, 15000, 2000, 20000, 7500

Mineral Type Aluminum Oxide

National Stock Number 5345010606030, 5345013233952

Position Better

Primary Application Other Door Assembly Applications

Product Form Disc

Sub Industries Metal Fabrication, Primary Wood and Panel Processing

Substrates Aluminum, Brass, Bronze, Carbon Steel, Soft Metals

US Govt Contract Number GS-21F-0075x

Product Details

- Pressure sensitive adhesive backing easily adheres to a backup pad or steel platen and allows for clean and fast removal for quick replacement
- X-weight, durable cloth backing supports aggressive applications without tearing or edge wear
- Aluminum oxide abrasive cuts fast, has a long life, and performs well on many surfaces
- Resin bond protects the disc from heat damage, extending the life of the disc
- Disc can be used for both wet and dry applications

3M™ PSA Cloth Disc 348D is a heavy-duty sanding disc that features a high-strength pressure sensitive adhesive backing that adheres to a backup pad or a steel platen for an efficient application and clean removal.



Our 3M™ PSA Cloth Disc 348D features a heat-resistant resin bond and cloth backing that make this sanding disc a good choice for high heat and heavy duty sanding applications. Aluminum oxide particles in a closed coat offer a fast cut for grinding and dual action (D/A) sanding on metal. This versatile disc provides a fast, efficient method for deburring, blending, cleaning up, and finishing metal parts and surfaces of various sizes and shapes.

PSA or pressure-sensitive adhesive disc is pressed onto a backup pad (also called a disc pad and sold separately) that is attached to a disc sander, random orbital sander, or stationary disc sander.

We chose aluminum oxide abrasive, which is a popular choice among industrial professionals because of its fast cut-rate and long life. This mineral makes a tough, durable abrasive that self-fractures to expose fresh cutting edges in use, whereas traditional abrasives such as garnet quickly wear down with use. Due to their fast cut-rate, hardness, strength, and low heat retention, they are widely used in grinding applications in addition to sanding and finishing applications. Aluminum oxide is suitable for a wide variety of materials in both woodworking and metalworking, including ferrous alloys.

Heat-resistant resin is a sturdy binding agent that adheres the abrasive to the backing and maintains the stability of the bond even in conditions of high heat or pressure.