



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## 3M™ PSA Cloth Disc 348D



### Specifications

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

**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.