

Jet Abrasives, Inc.

Our Industry's Best Service Since 1969



Founded in 1969 on the basis of **fast, reliable service**, we have grown in terms of the variety, quantity, and quality of the products we manufacture and ship. While not the *largest* provider of coated abrasives products in our industry, to our customers we strive to be the *best*. When you telephone us, a **genuine human being** will answer your call, and odds are good that the person who answers is ready to *talk grit*. Our salespeople are highly trained professionals, most of whom have been in the abrasives industry for decades. With our extensive knowledge of common product usage, we will also make every effort to help you find the right product and material for your needs.

In addition to the level of service we have always been known for, we strive to keep ourselves into the forefront of **innovation** in our industry. Located in Vernon, California, we are conveniently situated a few miles southeast of downtown Los Angeles, near several major freeways. The vast majority of the products we sell are manufactured here in our factory.

Grinding Belts

Sizes Available: 1/4" to 60" width, any length over 6"

Surface Conditioning non-woven (coarse, medium, very fine)

Top Performance Cloth Grades (all closed coat, resin bonded)

Ceramic Y-weight polyester backed (24-80 grit)

Zirconia Alumina (4 specifications stocked, varying in X & Y weights, cotton, polyester or poly-cotton backed, with or without grinding aids (24-120 grit))

Ceramic spiked Aluminum Oxide (36-120 grit)

Aluminum Oxide X-weight polyester backed (36, 40, 60 grit)

Silicon Carbide X-weight polyester backed (24, 36, 40 grit)

Heavy Duty Cloth Grades (resin bonded, open & closed coat)

A/O X-weight cotton backed closed coat (24-400 grit)

A/O Y-weight poly-cotton backed open coat (36-180 grit)

S/C Waterproof X-wt. cotton backed closed coat (60-600 grit)

S/C Y-weight poly-cotton backed closed coat (50-220 grit)

A/O J-weight cotton backed (2 specifications stocked, very flexible and extremely flexible (60-400 grit))

General Purpose Cloth & Paper Grades:

Aluminum Oxide (3 specifications stocked, varying in X & Y weights, cotton or poly-cotton backed, resin bonded cloth (36-400 grit))

Aluminum Oxide J-weight glue bond open coat (120-500 grit)

Aluminum Oxide F-weight open coat paper (36-220 grit)

Value Priced Cloth Grades

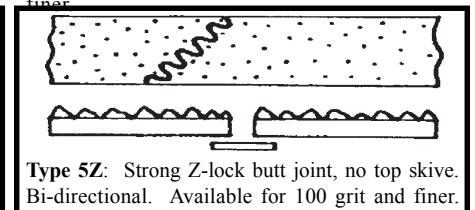
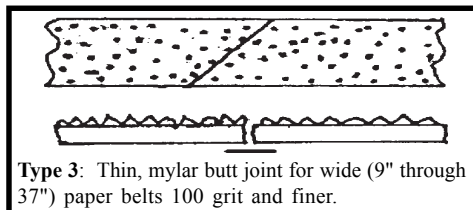
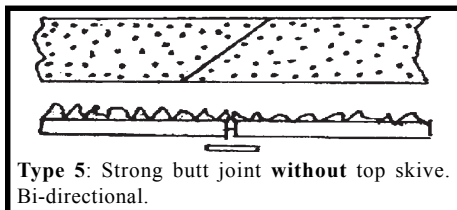
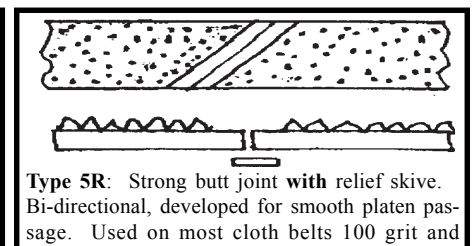
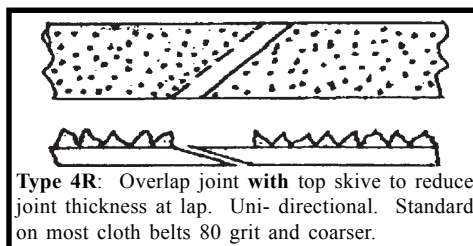
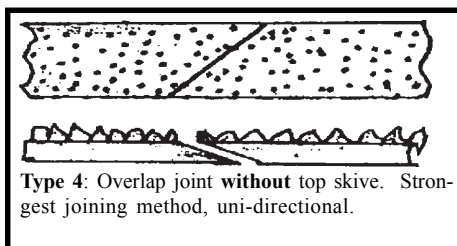
(resin bonded, X-weight, cotton backed)

Aluminum Oxide closed coat (36-320 grit)

Aluminum Oxide open coat (36-180 grit)



Standard Belt Joints



Mounted Flap Wheels

Diameters Available:

1", 1-1/2", 2", 2-1/2", 3"

Widths Available:

1/2", 5/8", 1", 1-1/2", 2"

Styles Available:

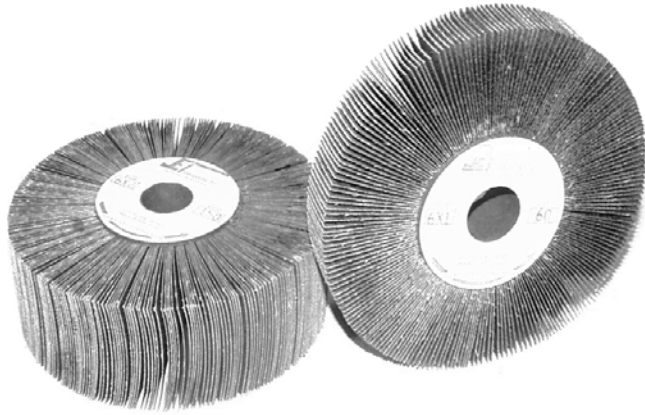
With 1/4" Shank or 1/4-20 Thread

Material Specification:

Aluminum Oxide Resin Bond

Grits Available:

36, 40, 60, 80, 120, 150, 180, 240, 320



Unmounted Flap Wheels

Diameters Available:

4", 6", 8"

Widths Available:

1/2", 1", 1-1/2", 2"

Material Specification:

Aluminum Oxide Resin Bond

Grits Available:

36, 40, 60, 80, 120, 150, 180, 240, 320

Cross Pads

Lengths Available:

3/4", 1", 1-1/2", 2", 2-1/4", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 6"

Widths Available:

3/8", 1/2", 3/4", 1", 1-1/2", 2"

Plys:

8-ply or 10-ply

Eyelets:

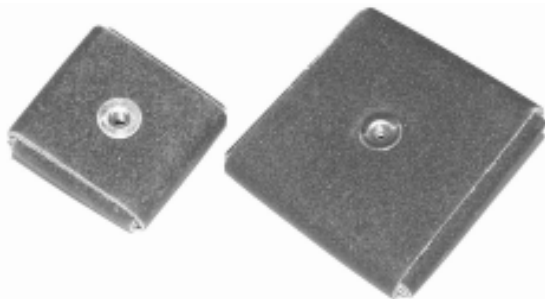
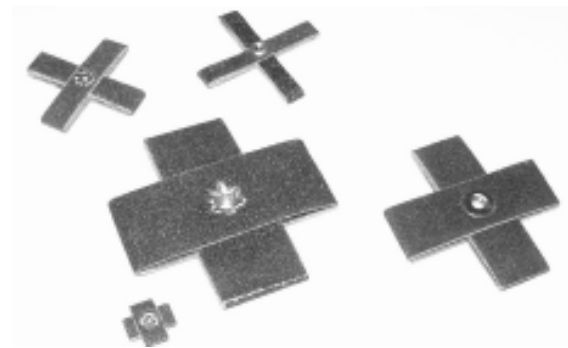
3-48, 8-32, 1/4-20

Material Specification:

Aluminum Oxide Resin Bond

Grit Range:

36-400



Square Pads

Sizes Available:

1-1/2", 2", 2-1/2", 3", 3-1/2", 4"

Thicknesses Available:

1/4", 3/8", 1/2"

Eyelets:

8-32, 1/4-20

Material Specification:

Aluminum Oxide Resin Bond

Grit Range:

36-400

Flap Discs

Sizes Available:

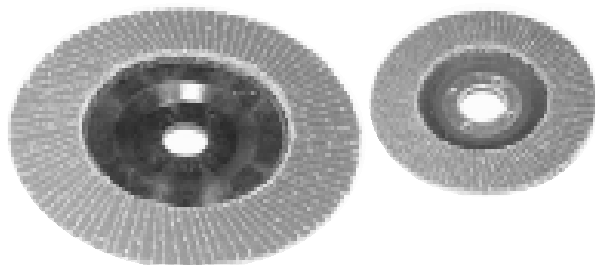
4-1/2", 7" (both with 7/8" center hole)

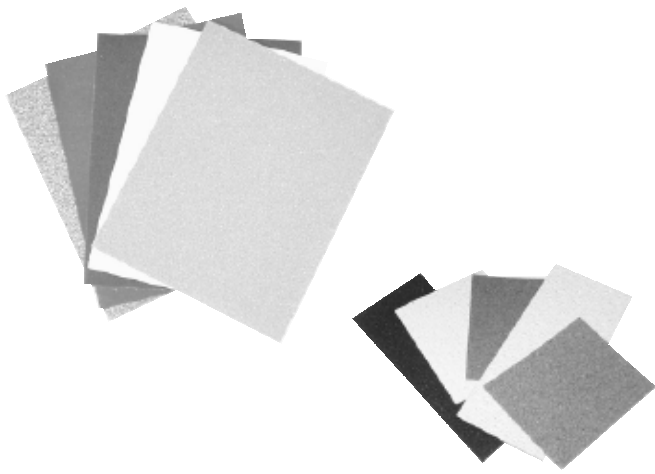
Material Specifications:

Aluminum Oxide
Zirconia Alumina

Grits Range:

24, 36, 40, 60, 80, 120





Cloth & Paper Sheets

Common Sizes Available (others on request):

9" x 11", 3-2/3" x 9", 4-1/2" x 5-1/2", 2-3/4" x 17-1/2"

Material Specifications for Paper Sheets:

S/C Waterproof (60-1200 grit), S/C Lubricated (60-400 grit)
A/O Glue Bond (36-320 grit), Garnet (40-280 grit)
Flint (Coarse to ExtraFine)

Material Specifications for Cloth Sheets (others on request)

A/O Premium Grade Flexible J-Weight (36-400 grit)
A/O General Purpose Flexible J-Weight (60-320 grit)
A/O Heavy Duty X or Y-Wt. (24-400 grit)
Emery Cloth (Coarse, Medium, Fine), Crocus Cloth (Fine)

Cloth & Paper Rolls

Sizes Available:

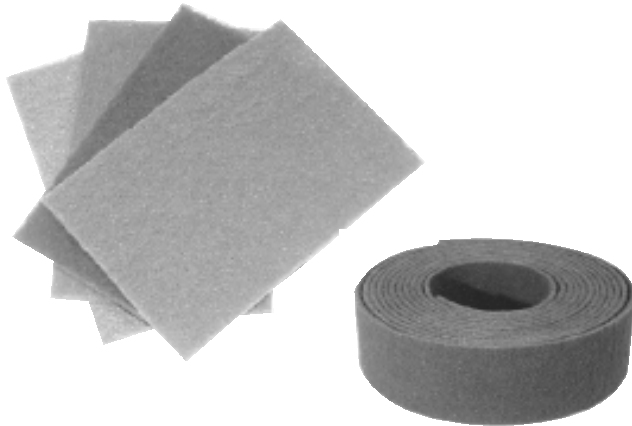
1/2" to 60" wide, 50 yd. len. (others on request)

Material Specifications for Cloth Rolls (others on request)

A/O Premium Grade Flexible J-Weight (36-400 grit)
A/O General Purpose Flexible J-Weight (60-320 grit)
A/O Heavy Duty X or Y-Wt. (24-400 grit)
Zirconia Alumina Y-Weight (24-120 grit)
Silicon Carbide X-weight Resin Bond (24-220 grit)
Silicon Carbide X-weight Waterproof (60-600 grit)
Ceramic Spiked A/O X-Weight (36-120 grit)
Ceramic Y-Weight (24-80 grit)

Material Specifications for Paper Rolls:

Aluminum Oxide Resin Bond, Silicon Carbide Resin Bond
Silicon Carbide Waterproof, Silicon Carbide Lubricated
Note: grits available are subject to rolls in stock and limited by popularity of individual specifications



Non-Woven Pads & Rolls

Common Pad Size Available:

6" x 9" (others on request)

Common Roll Size Available:

2", 4", 6" width by 30 feet

Material Specifications:

Gen Purpose Aluminum Oxide, Heavy Duty Aluminum Oxide
Fine Silicon Carbide, UltraFine Silicon Carbide

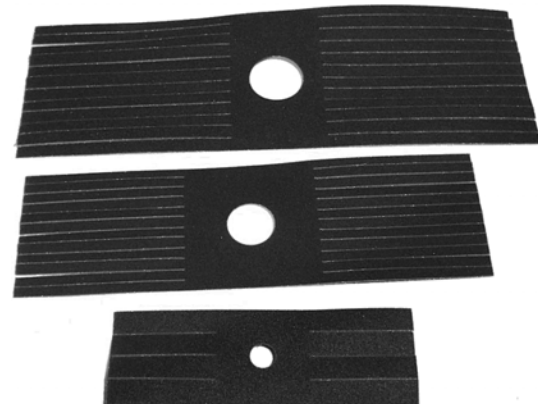
Flutter Sheets

Sizes Available: width x length (hole diameter):

1" x 4" (3/8")
1-3/4" x 3-3/4" (3/8" or 1/2")
2" x 4-1/2" (1/2")
2" x 6" (1/4", 3/8", 15/32", 1/2", 5/8", or 3/4")
3" x 9" (1-1/2")
3" x 9-1/2" (1/2", 5/8", 3/4", 1", 1-1/8", 1-1/4", or 1-1/2")
3" x 10" (1", 1-1/8", 1-1/4")
3-1/2" x 9-1/2" (1/2")
4" x 12" (3/4", 1-1/4", 1-3/4", or 2")

Material Specifications:

A/O Resin Bond X or J-Weight (80-400 grit)

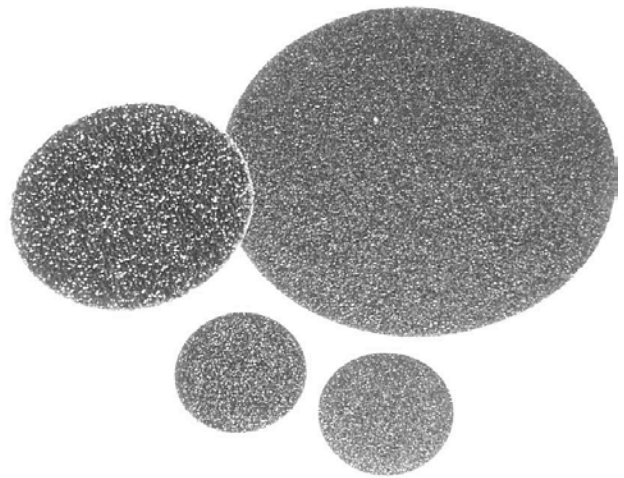


**PSA (adhesive backed) & Plain Discs
Cloth, Paper & Surface Conditioning**

Diameters Available (can be ordered with or w/o center hole):
1/2" to 30" on PSA Discs, 1/2" to 36" on Plain Discs

Material Specifications for Cloth Discs:
Aluminum Oxide (24-400 grit), Silicon Carbide (24-220 grit)
S/C Waterproof (60-600 grit), Zirconia Alumina (24-120 grit)
Ceramic (24-80 grit), Ceramic Spiked A/O (36-120 grit)

Material Specifications for Paper Discs:
A/O Resin Bond (24-400 grit), S/C Resin Bond (20-60 grit)
S/C Waterproof (60-1200 grit), S/C Lubricated (60-400 grit)
Plain Surface Conditioning Discs (VFine, Medium, Coarse)



PSA Paper Disc Rolls

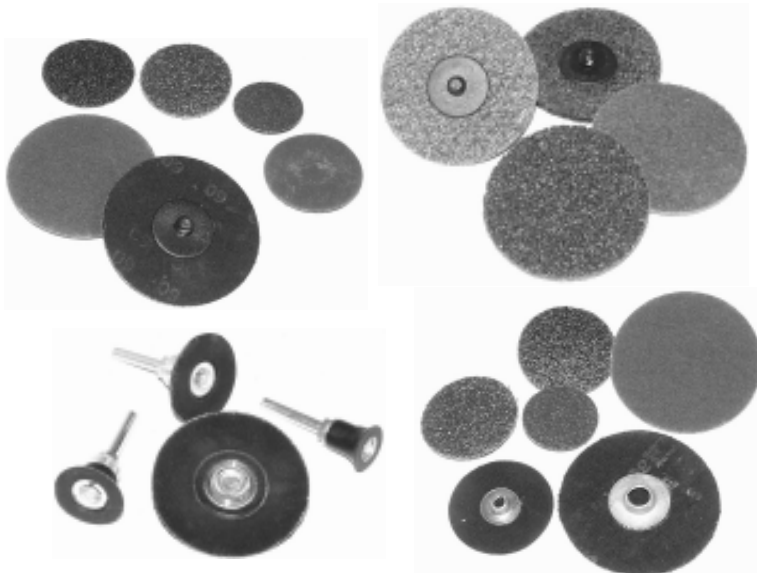
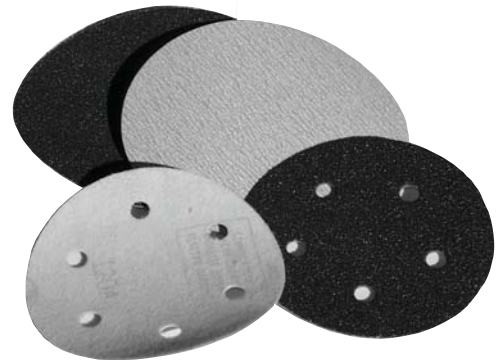
Diameters Available:
5" to 6" are standard sizes (other on request)

Material Specifications:
A-Weight S/C Lubricated (80-220 grit)
C-Weight A/O Gold (80-220 grit)

Touchlock (adheres to Velcro® Pad) Paper Discs

Diameters Available:
5" to 8" are standard sizes (other on request)

Material Specifications for Paper Discs:
A/O Resin Bond (24-400 grit)
S/C Lubricated (60-400 grit)
Other paper and cloth specifications available on request



**Locking (Quick-Change) Discs
Laminated Cloth & Surface Conditioning**

Diameters Available:
3/4", 1", 1-1/2", 2", 3", 4"

Styles Available:
Type S - Female metal hub
Type R - Male plastic hub

Material Specifications for Laminated Cloth Discs:
Aluminum Oxide (24-400 grit), Silicon Carbide (24-220 grit)
S/C Waterproof (60-600 grit), Zirconia Alumina (24-120 grit)
Ceramic (24-80 grit), Ceramic Spiked A/O (36-120 grit)

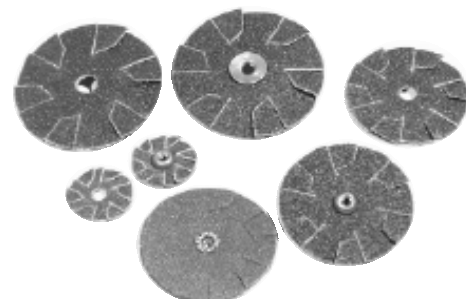
Plain Surface Conditioning Discs
VFine, Medium, Coarse

Overlap Slotted Discs

Diameters Available:
1", 1-1/4", 1-1/2", 2", 2-1/2", 3"

Eyelets:
8-32, 1/4-20

Material Specification:
Aluminum Oxide Resin Bond Cloth (grit range 36-400)



PLAIN DISC QUICK CHANGE

QUICK CHANGE MOUNTING SYSTEM
+
'SUPER FLEXIBILITY'

PAT. PEND.

PDQ For Small Discs (1-1/2", 2" & 3")

A true evolution in small disc grinding, PDQ cloth discs cost less than half the price of quick-change laminated cloth discs, while in many applications providing improved performance. A sturdy, reusable, steel mounting nut is pushed through the front of a plain disc with a center hole, forming a quick-change disc, which spins on and off a PDQ holder pad. The mounting nut **sinks below** the disc surface, so that it won't touch the workpiece at any angle. Optional backup plates allow the user to **choose the flexibility** of the holder pad. PDQ holder pads are engineered to run at greater RPMs and more flexibility than any other holder.

A PDQ Disc is a plain cloth disc with a center hole. As such its selling price is less than half of that of common quick-change discs, which require lamination and glueing on a throw-away button. Experienced PDQ users **pre-mount several discs** to there-usable hubs, for efficient and cost-effective quick-change grinding.



PDQ Pads available for Direct Mount on 5/8-11 Spindle or with Female Threaded 7/16-20 Adapter, or in metric threads.
For disc sizes: 4", 4-1/2", 5" or 7".

Resin Fiber Discs

Diameters Available: 4", 4-1/2", 5", 7", 9-1/8"

Center Holes: 7/8", also 5/8" on 4" discs)

Material Specifications:

Aluminum Oxide (Premium & General Purpose Grades)

Zirconia Alumina (Premium & General Purpose Grades)

Silicon Carbide (limited selection of sizes & grits)

Grits Available: 16, 24, 36, 50, 60, 80, 120



Available with 1/4" Shank or with Female Threaded 7/16-20 Adapter

Material Specifications Available:

Aluminum Oxide Resin Bond (grit range: 24-400)

Silicon Carbide Resin Bond (grit range: 50-220)

Ceramic Spiked Aluminum Oxide (grit range: 36-120)

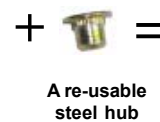
Zirconia Alumina (grit range: 24-120)

Ceramic (grit range: 24-80)

Surface Conditioning Non Woven (VFine, Medium, Coarse)



A plain cloth disc with center hole



A re-usable steel hub

A high-performance quick-change disc *less than half the price* as common quick-change discs from exactly the same abrasive material.

PDQ Pads for Resin Fiber Discs (4" to 7")

Eliminate changing Resin Fiber Discs with a spanner wrench. Resin Fiber Discs (also plain cloth or surface conditioning discs) **change easily without tools** on PDQ Mounting Pads with the PDQ mounting nut. Optional backup plates allow the user to **choose the flexibility** of the holder pad, providing for superior grinding capability and more abrasive surface on the work piece.



PDQ Mounting Nut for Resin Fiber Discs



Cartridge Rolls

Diameters Available: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 7/8", 3/4", 1", 1-1/2"

Lengths Available: 3/4", 1", 1-1/2", 2", 2-1/2", 3"

Pilot Holes Available: 3/32", 1/8", 3/16", 1/4"

Styles Available:

Straight, Full Tapered, Half Tapered, Sidewall Tapered

Material Specifications:

A/O Resin Bond X-Weight (grit range 36-400)

A/O Resin Bond J-Weight (grit range 60-400)

A/O Glue Bond J Weight (grit range 60-500)

S/C Resin Bond X-Weight (grit range 36-220)

Zirconia Alumina Y-weight (grit range 36-80)



Spiral Wound Bands

Diameters Available:

1/4", 5/16", 3/8", 5/8", 3/4", 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-3/8", 2-1/2", 3", 4"

Lengths Available:

1/4" to 36" available

standard lengths: 1/2", 3/4", 1", 1-1/2", 2", 3"

Material Specifications:

Aluminum Oxide (grit range 24-400)

Silicon Carbide (grit range 36-220)

Zirconia Alumina (grit range 24-80)

Cloth Assemblies (Vonnegut Loadings) & Scored Rolls

Cloth Assembly Sizes:

Widths: 1", 1-1/2", 2", 4"

Lengths: 10", 16"

Scored Roll Sizes:

Widths: 2" or 4" by 50 yard length

Material Specifications:

Aluminum Oxide Resin Bond (grit range 50-400)

Silicon Carbide Waterproof (grit range 60-600)

Scoring Available:

Unscored

Straight Scoring (1/4" apart)

Staggered Scoring (1/4" or 1/8" apart)



Jet

→

Abrasives, Inc.

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