



**SHAPE TO SHINE
COARSE TO FINE**



ALOXIDE RESIN BELTS

Benchstand and Backstand Belts

- Grinding and de-burring of all metals
- Final polishing of forged components like hand tools
- Blending and shaping of brass castings like sanitary ware fittings

Centreless, Conveyor and Platen Belts

- Intermediate grinding of stainless steel and carbon steel
- Glass edge bevelling
- Moderate pressure applications in furniture sanding

Portable File Belts

- Finishing, contour and shape sanding of all metallic surfaces where flexibility and ability to grind hard-to-reach areas is a requirement



ATTRIBUTES	BENEFITS	AVAILABILITY
Tough aloxide grains	Suitable for medium & high pressure applications	Narrow belts < 600 mm
X-wt. cotton backing	Optimised strength & flexibility combination for edge of the contact wheel grinding	Code CC34X [Grits 36, 60, 80, 120, 220, 320, 400]
Tough adhesion system	Grain shedding resistance	

INDUSTRY	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Leather	
USAGE							Recommended

ALOXIDE RESIN SUPREME BELTS

Benchstand and Backstand Belts

- Heavy stock removal applications on hand tools and castings
- Grinding and deburring of aluminium castings
- Blending, dimensioning and shaping of brass castings like Sanitary ware fittings

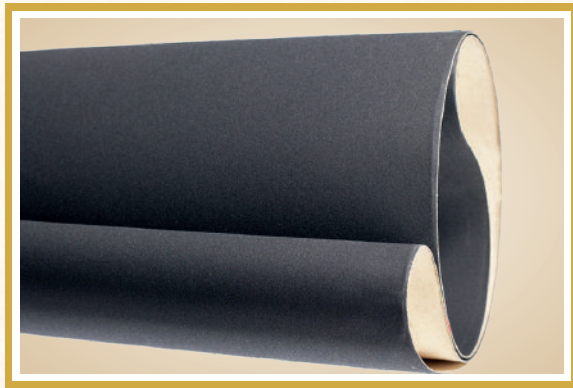
Centreless, Conveyor and Platen Belts

- Intermediate grinding of stainless steel and carbon steel
- Moderate pressure applications in furniture sanding



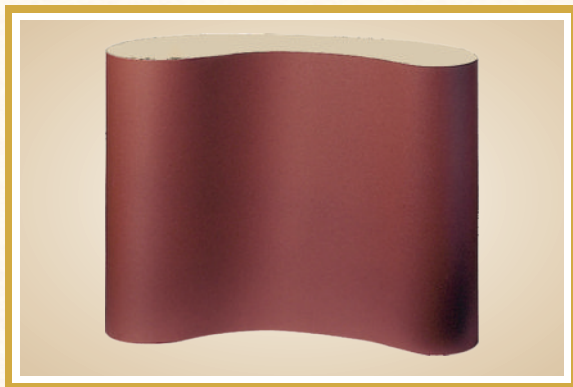
ATTRIBUTES	BENEFITS	AVAILABILITY
Tough premium aloxide grains	Suitable for medium & high pressure applications. High life/high cut rate	Narrow belts < 600 mm
X-wt. premium processed tough backing	Optimised strength & flexibility combination for long life and output	Code CP44N
Tough adhesion system	Grain shedding resistance	[Grits 36, 60, 80, 120, 220, 320, 400]
Best in class coating process	Consistent MRR and best in class finish	

INDUSTRY	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Glass	
USAGE							Recommended Not Recommended



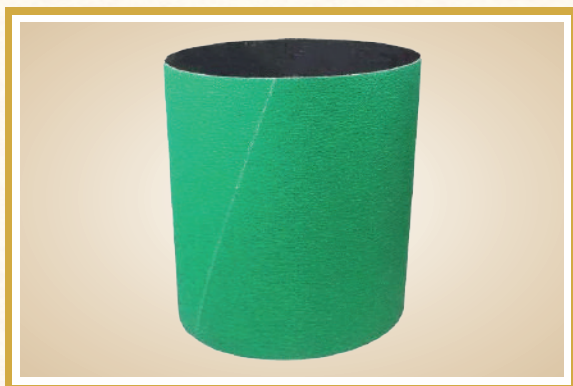
SILICON CARBIDE WIDE BELTS

- Silicon Carbide, cloth /polyester backed wide belts are designed for high productivity and consistent finish
- Code product grit best suited for particle / chip boards, mdf, decorative laminates, SS coils
- **Code:** DCY 658
- **Grits:** 36, 40, 50, 60, 80, 100, 120, 150, 180, 220
- **Width:** 610 ~1350mm



ALUMINIUM OXIDE WIDE BELTS

- Aluminum oxide, cloth backed wide belts are designed for high productivity and consistent finish
- Best suited for plywood, solid wood boards, block boards
- **Code:** CC34X / CC44N/CP44N
- **Grits:** 36, 40, 50, 60, 80, 100, 120, 150, 180, 220
- **Width:** 610 ~1350mm



ZIRCONIA WIDE BELTS

- Zirconia cloth /polyester backed wide belts are designed for high productivity and superior finish
- Best suited for ss coils, friction material, solid wood boards, sheet metal
- **Code:** BZP 628
- **Grits:** 36, 60, 80, 100, 120
- **Width:** 610 ~1350mm



CLOTH ROLL



CC34X

- **Abrasive:** Aluminium oxide grains
- **Applications:** Hands on & machine application low speed
- **Backing:** X-wt. cloth backing
- **Coating:** Resin/Resin coating
- **Grit Range:** 36-400
- **Width:** 75, 100, 150, 228, 250, 300 mm
- **Standard Length:** 50 meter
- Consistent cutting performance
- Suitable for metal, wood



CC44N

- **Abrasive:** Aluminium oxide grains
- **Applications:** Hands on & machine application low/high speed
- **Backing:** X-wt. premium cloth backing
- **Coating:** Resin /Resin coating
- **Grit Range:** 36-400
- **Width:** 75, 100, 150, 228, 250, 300 mm
- **Standard Length:** 50 meter
- Consistent cutting performance
- Suitable for metal, wood



CC44J

- **Abrasive:** Aluminium oxide grains
- **Applications:** Hands on & machine application low speed
- **Backing:** J-wt. cloth backing
- **Coating:** Resin /Resin coating
- **Grit Range:** 60-400
- **Width:** 75, 100, 150, 228, 250, 300 mm
- **Standard Length:** 50 meter
- High surface finish
- Suitable for contour objects metal, wood



MASKING TAPE

- Best Quality
- High performance
- Multipurpose usage
- 100% guaranteed length
- Pressure sensitive adhesive tape
- Will not tear while removing
- No adhesive residue after removal

ABRASIVE PAPER & GRIP DISC

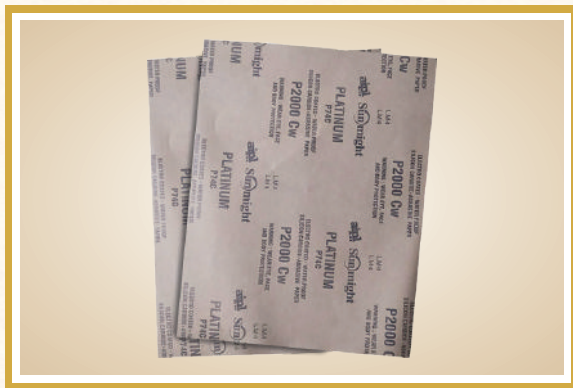


WATER PROOF PAPER

- Superior quality paper backing
- Size : 230 mm x 280 mm
- Yellow Color water proof paper

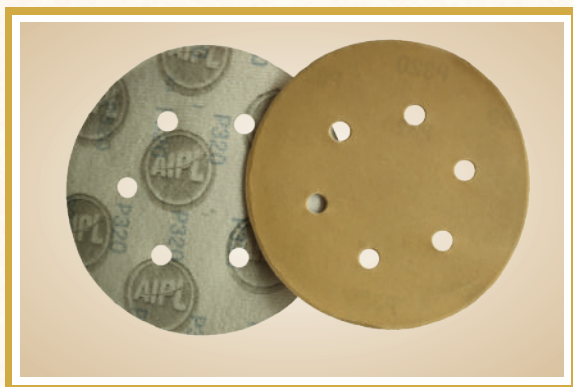
ATTRIBUTES	BENEFITS	AVAILABILITY
Silicon carbide mineral	Water resistant paper backing	Grit - 60 to 2000
Craft paper backing	High quality finish with less scratch marks	
Strong resin	Ideal for automotive & wood sanding	

INDUSTRY	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Glass	
USAGE							Recommended Not Recommended



WATER PROOF PAPER

- Best quality water proof paper
- Aluminium oxide grain
- Latex paper
- Superior design
- Consistent finish
- Size : 230 mm x 280 mm
- Grit range - 60 - 3000
- Longer life
- High quality water resistant paper backing
- Suitable for metal, wood & others



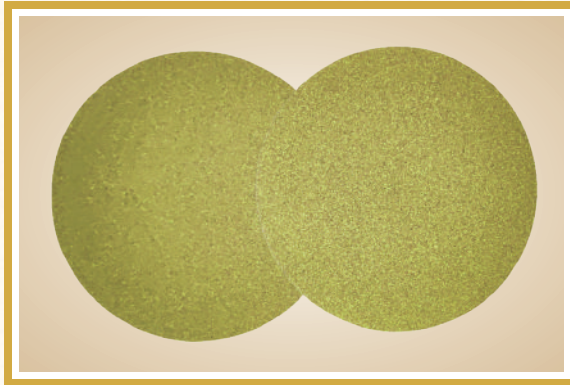
GRIP DISC

- AIPL GOLD GRIP DISC is a light weight paper disc with quality grain and strong resin.
- Size: 150 mm 6 hole

ATTRIBUTES	BENEFITS	AVAILABILITY
Aluminium oxide grain	Fast cut and long life	Grit 80 to 2000
Paper backing	Ideal for power sanding and superior finish	
Semi open coat construction	Minimize dust	

INDUSTRY	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Glass	
USAGE							Recommended Not Recommended

GRIP DISC

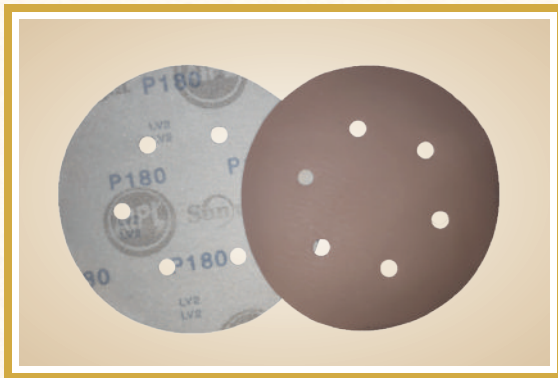


GRIP DISC

- AIPL GOLD GRIP DISC IS a light weight paper disc with quality grain and strong resin.
- Size: 127 mm No hole

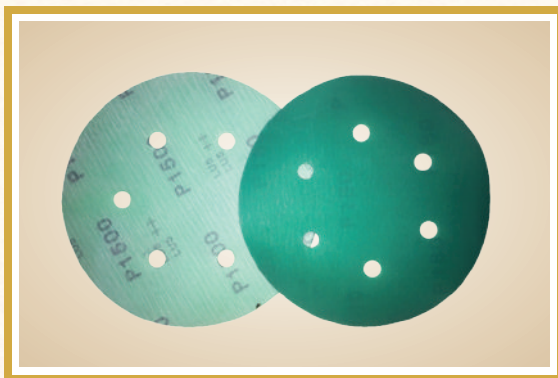
ATTRIBUTES	BENEFITS	AVAILABILITY
Aluminium grain	Fast cut and long life	Grit 60 , 80 , 100, 120, 150, 180, 220, 320, 320, 400, 600
Paper backing	Ideal for power sanding and superior finish	
Semi open coat construction	Minimize dust	

INDUSTRY	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Glass	
USAGE							Recommended Not Recommended



150MM 6 HOLE GRIP DISC

- AIPL SUNMIGHT GOLD is a premium paper product made with high quality grain.
- Aluminium oxide grain
- Aluminium oxide grain
- Open coat
- Size : 150 mm with 6 holes
- Grit 36 - 1200
- High cutting performance
- Good sharpness
- Anti clogging



FILM GRIP DISC

- AIPL Sunmight film disc allows better surface finish and longer life.
- Premium aluminium oxide grain
- Polyester film backing
- Phenolic resin coated
- Open coat
- Size : 150 mm with 6 holes
- Grit Range - 36 - 2000
- Superior surface finish and longer life
- Great for corner and edge sanding without problem with tearing
- Suitable for metal, wood & others



AIPL GOLD FLAP DISC

- Flap Discs are less aggressive and are used primarily on flat surfaces for grinding a smoother finish
- Commonly used for precision grinding of steels, hard alloys and exotic materials
- Faster stock removal
- Cooler cutting, less glazing
- Lightweight, easier to control
- Less vibration, less operator fatigue
- Reduces noise size

125MM NO HOLE PSA DISC

- Premium paper disc - no hole
- Aluminium oxide grain
- Latex paper backing
- Phenolic resin coated
- Size: 125 mm
- Grit 60, 80 , 100, 120 ,150, 180, 220, 320, 400, 600
- Better performance & longer life
- Suitable for metal, wood & others

125MM WITH HOLE PSA DISC

- PSA DISC With 5 Hole
- Latex paper and strong resin
- Better performance & longer life
- Size : 125 mm with hole
- Grit 60, 80 , 100, 120 ,150, 180, 220, 320, 400, 600
- Suitable for metal, wood & others

SAFETY PROCEDURES ON AIPL COATED ABRASIVES PRODUCTS

Coated Abrasives Sheets, Discs

- Pressure sensitive adhesive (PSA) discs should only be used on back-up pads or plates that are free of contamination from dirt and dust.
- If excessive glue build-up from repetitive use of PSA discs occurs, a light application of paraffin to the backing pad of plate will make the discs easier to peel off.
- When not in use, disc sanders should be placed in proper holders. Disc should not be in Contact floor or table.
- Discs should be firmly pressed onto backing pad or plate.

Abrasive Belts

- Always run belts in direction of arrow printed on backing if running an overlap splice.
- Butt splices (those joined with tape on the back) can be run in either direction without regard to the arrow on the backing.
- All belts, particularly wide belts, should be preconditioned to the workplace environment. This means the belts should be removed from the original packing carton a few hours prior to use (up to 24 hours for wide belts), and hung on 4"-6" diameter pegs or bars. The conditioning rack should be located near the machines on which it is to be used.

Procedures for Proper Coated Abrasives Storage

- All abrasives, should be stored in areas which are maintained at 40% - 50% relative humidity and 60-80 degrees F (18-22 degrees C). Glue bonded coated abrasive products are especially sensitive to high humidity.
- Abrasives should be kept in their original packing containers for storage.
- Store abrasives away from a heat source, such as radiators, steam pipes, furnaces, or windows.
- Cartons should be kept away from damp or cold walls and floor where they may absorb moisture.
- Precondition abrasive belt prior to use by removing from carton and allow to adjust to ambient air, hanging on proper pegs or bars. This is especially important for wide belts, which should be removed up to 24 hours prior to use. (Also see recommendations for abrasive belts.)
- If necessary, a pre-conditioning chamber should be built to ensure constant humidity control for coated abrasives. Humidity can cause cupping of coated abrasive products, as well as premature loading and reduced product life. In belts, high humidity can cause tracking and creasing problems.
- Regular stock rotation is also recommended.



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