



ABRASIVE PRODUCTS

High performance grains // Coated abrasives // Bonded Abrasives

White Dove Abrasives Co., Ltd.



①

About us

②

High performance grains

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Coated Abrasives

④

Bonded Abrasives



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About us

- **Company Profile**
- **Quality Control**
- **Main products**

Company Profile

White Dove Abrasives Co., Ltd. formerly known as China's Second Grinding Wheel Factory, was founded in 1956. It is one of the 156 key construction projects during the national "First Five Year Plan" period and the first listed company in Henan Province.



White Dove is a comprehensive abrasive materials, abrasive products and grinding solution provider integrating R&D, production, sales and service. In 2013, it joined the world's top 500 central large enterprise - China National Machinery Industry Corporation (SINOMACH). White Dove is a national high-tech enterprise with key scientific research platforms such as Henan Engineering Research Center, Henan Engineering Technology Research Center and Henan Postdoctoral Innovation Practice Base, and is the chairman unit of China Tool Industry Association Coated Abrasives Branch.

Quality Control



We attaches great importance to product quality. A full-process quality management system has been built. With the quality policy: enhance management to ensure quality; keep innovating to improve quality; then win the trust of customers with the quality. Realize the refinement of procurement management, standardization of processmanagement, infbrmationization of transportation management, and standardization of market management, establish a closed-loop structure of an end-to-end full-process quality management system.

Main products

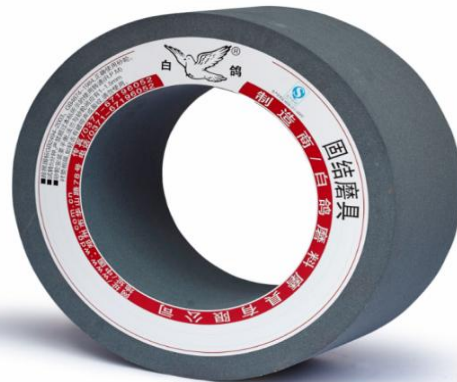


Bonded Abrasives



New materials

Coated Abrasives



Super-hard Abrasives





②

High performance grains

Main Products-High Performance Grains

Production Line in Guizhou



Fused Brown Corundum



Application

- ◆ Coated Abrasives
- ◆ Bonded Abrasives

Chemical Composition

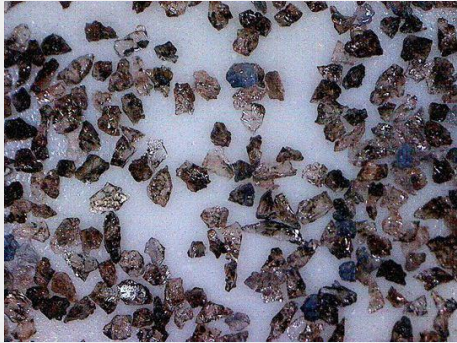
Al_2O_3	TiO_2	Fe_2O_3	SiO_2
$\geq 94\%$	$\leq 4\%$	$\leq 0.3\%$	$\leq 1.0\%$

Product Features

- ◆ High cutting rate
- ◆ Long time
- ◆ High purity

P	1 2	1 4	1 6	2 0		2 4	3 0	3 6	4 0		5 0	6 0		8 0		1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0	
F	1 2	1 4	1 6	2 0	2 2	2 4	3 0	3 6	4 0	4 6		5 4	6 0	7 0	8 0	9 0	1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0

Semi-friable Aluminum Oxide



Application

- ◆ Coated Abrasives
- ◆ Bonded Abrasives

Product Features

- ◆ High temperature treatment
- ◆ Excellent cutting rate
- ◆ Long time
- ◆ Good self sharpness

Chemical Composition

Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	SiO ₂
≥97%	≤1.5%	≤0.2%	≤0.8%

P	1 2	1 4	1 6	2 0		2 4	3 0	3 6	4 0		5 0		6 0		8 0		1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0 0
F	1 2	1 4	1 6	2 0	2 2	2 4	3 0	3 6	4 0	4 6		5 4	6 0	7 0	8 0	9 0	1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0 0

Zirconia Aluminum Oxide



Application

- ◆ Coated Abrasives
- ◆ Bonded Abrasives

Product Features

- ◆ Special cooling process
- ◆ Small crystal size and few crystal defects
- ◆ Good self sharpness
- ◆ Excellent hardness and toughness

Chemical Composition

Al_2O_3	ZrO_2	Fe_2O_3	SiO_2
58~60%	39~41%	≤0.3%	≤0.2%

P	1 2	1 4	1 6	2 0		2 4	3 0	3 6	4 0		5 0		6 0		8 0		1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0
F	1 2	1 4	1 6	2 0	2 2	2 4	3 0	3 6	4 0	4 6		5 4	6 0	7 0	8 0	9 0	1 0 0	1 2 0	1 5 0	1 8 0	2 2 0	2 4 0	2 8 0	3 2 0	3 6 0	4 0 0	5 0 0	6 0 0	8 0 0	1 0 0



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Coated Abrasives

Main Products-Coated Abrasives

Metal Working

RZ877



Product Features

- ◆ Excellent cutting performance, large heavy-load allowance cutting
- ◆ High grinding efficiency and tensile resistance
- ◆ Dry grinding, welding seams grinding, removing the burrs of die-casting and forging

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Zirconia Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-120
Coating State:	Active Filler Coating

Application

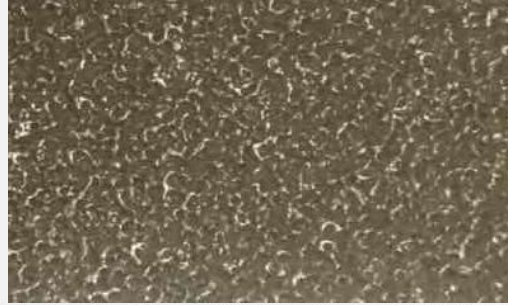
Malleable Cast Iron
Titanium Alloys
Turbine Runner and Blade
Stainless Steel



Main Products-Coated Abrasives

Metal Working

RZ873



Product Features

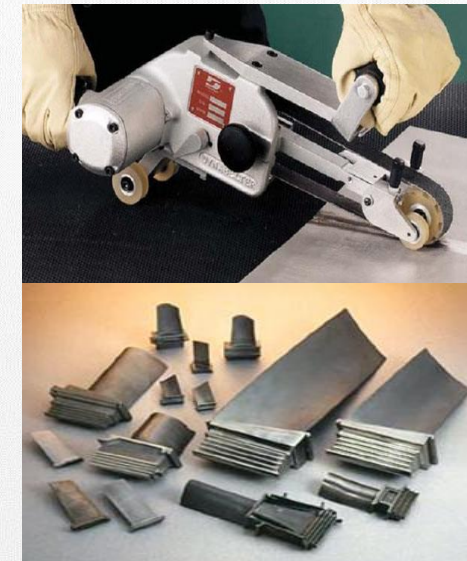
- ◆ Non-coating products, small surface pollution
- ◆ Excellent cutting performance & heavy-duty cutting
- ◆ High grinding efficiency & strong tensile strength
- ◆ Dry grinding, weld grinding, removal of die-casting & forging of the burr

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Zirconia Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-120
Coating State:	Closed coat

Application

Malleable Iron
Titanium Alloys
Stainless Steel



Main Products-Coated Abrasives

Metal Working

RZ777



Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Zirconia Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-120
Coating State:	Active Filler Coating

Product Features

- ◆ Especially for type products
- ◆ Moderate hardness, high grinding efficiency, large heavy-load allowance cutting
- ◆ Dry grinding, welding seams grinding, removing the burrs of die-casting and forging

Application

Hard alloys
Titanium Alloys
Stainless Steel



Main Products-Coated Abrasives

Metal Working

RG977



Product Features

- ◆ High tensile resistance
- ◆ High grinding efficiency, long service life
- ◆ Dry grinding, low contact pressure and grinding heat, no burns

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Ceramic Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-120
Coating State:	Active Filler Coating

Application

Aerospace alloys
Turbine blades
Stainless steel



Main Products-Coated Abrasives

Metal Working

RG973



Product Features

- ◆ High tensile resistance
- ◆ High grinding efficiency, long service life
- ◆ Dry grinding, low contact pressure and grinding heat, no burns

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Ceramic Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-120

Application

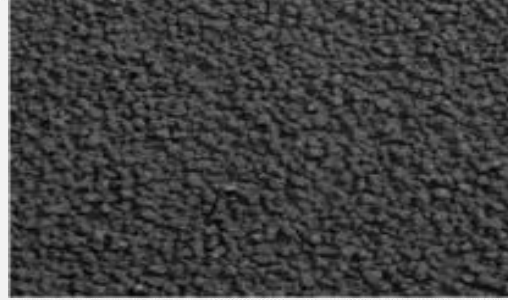
Welding wire
Stainless steel
Carbon Steel



Main Products-Coated Abrasives

Metal Working

RD977



Product Features

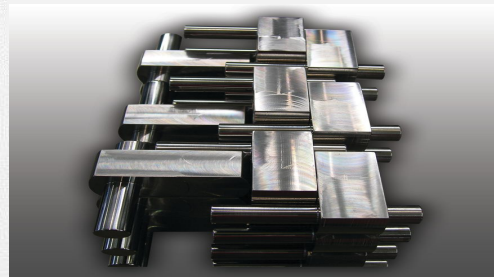
- ◆ Good toughness
- ◆ Extremely high grinding efficiency, long service life
- ◆ Dry grinding, low grinding heat

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Silicon carbide
Bonder:	Resin over resin
Grit:	P60-400
Coating State:	Active Filler Coating

Application

Titanium alloys
Non-ferrous metal
Stainless steel



Main Products-Coated Abrasives

Board Working

RC881 RC871
RC861 RC851
RC841



Product Features

- ◆ Heavy load grinding
- ◆ High grinding ratio, long service life, good finish
- ◆ Effectively reducing clogging and dust during sanding process

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Silicon carbide
Bonder:	Resin over resin
Grit:	P36-240
Coating State:	Antistatic Coating

Application

High density fiberboard
Medium density-
fiberboard
Solid wood
Ecological board



Main Products-Coated Abrasives

Metal Working

RS738 RS737

RS736



Product Features

- ◆ Extremely long service life, excellent cutting performance
- ◆ Dry grinding, machine and manual operation
- ◆ Fine surface treatment (hardware, golf club heads, etc)

Basic Specification

Width:	1420mm
Backing Material :	Blended Cloth
Grain:	Calcined alumina oxide
Bonder:	Resin over resin
Grit:	P80-800
Coating State:	Active filler coating

Application

Stainless steel
Brass
Alloys



Main Products-Coated Abrasives

Metal Working

RC721



Product Features

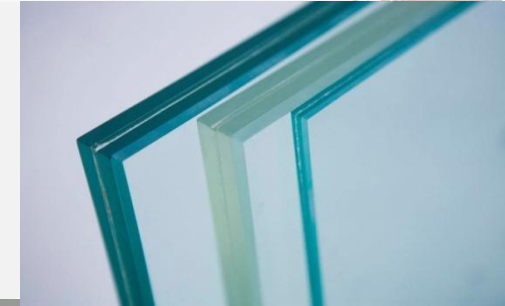
- ◆ Wear resistance and skid resistance
- ◆ High grinding efficiency , good cutting performance
- ◆ Dry grinding and contour sanding

Basic Specification

Width:	1420mm
Backing Material :	Blended Cloth
Grain:	Silicon carbide
Bonder:	Resin over resin
Grit:	P120-2000
Coating State:	Closed coat

Application

Copper alloys
Glass
Non-ferrous metal



Main Products-Coated Abrasives

Metal Working RM863 RM862



Product Features

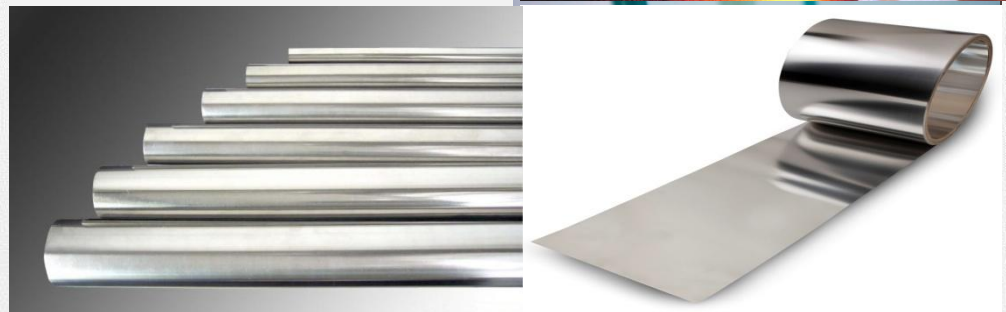
- ◆ High tensile resistance and extremely stable backing cloth
- ◆ Long time work without burns
- ◆ Dry grinding, versatility

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Calcined Alumina oxide
Bonder:	Resin over resin
Grit:	P24-400
Coating State:	Closed coat

Application

Carbon steel
Stainless steel
Cobalt-nickel alloy



Main Products-Coated Abrasives

Metal Working

RM865



Product Features

- ◆ Cold cutting, excellent cutting performance
- ◆ Dry and wet grinding, working in heavy oil and water
- ◆ Removing the burrs of die-casting and forging

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Calcined Alumina oxide
Bonder:	Resin over resin
Grit:	P24-400

Application

Carbon steel
Stainless steel
Die-casting Aluminum and zinc



Main Products-Coated Abrasives

Metal Working

RM866 RM666



Product Features

- ◆ Excellent tensile resistance
- ◆ Water grinding
- ◆ Removing allowance of hardware and sheet metal

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Calcined Alumina oxide
Bonder:	Resin over resin
Grit:	P24-400

Application

Carbon steel
Stainless steel
Hard alloys



Main Products-Coated Abrasives

Metal Working
GXK59 GXK51



Product Features

- ◆ Flexibility, versatility
- ◆ High grinding efficiency and no burns
- ◆ Grinding irregular corners

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Premium alumina Oxide
Bonder:	Resin over resin
Grit:	P24-400
Coating :	Closed Coat, Antistatic Coating

Application

Metal
Hull

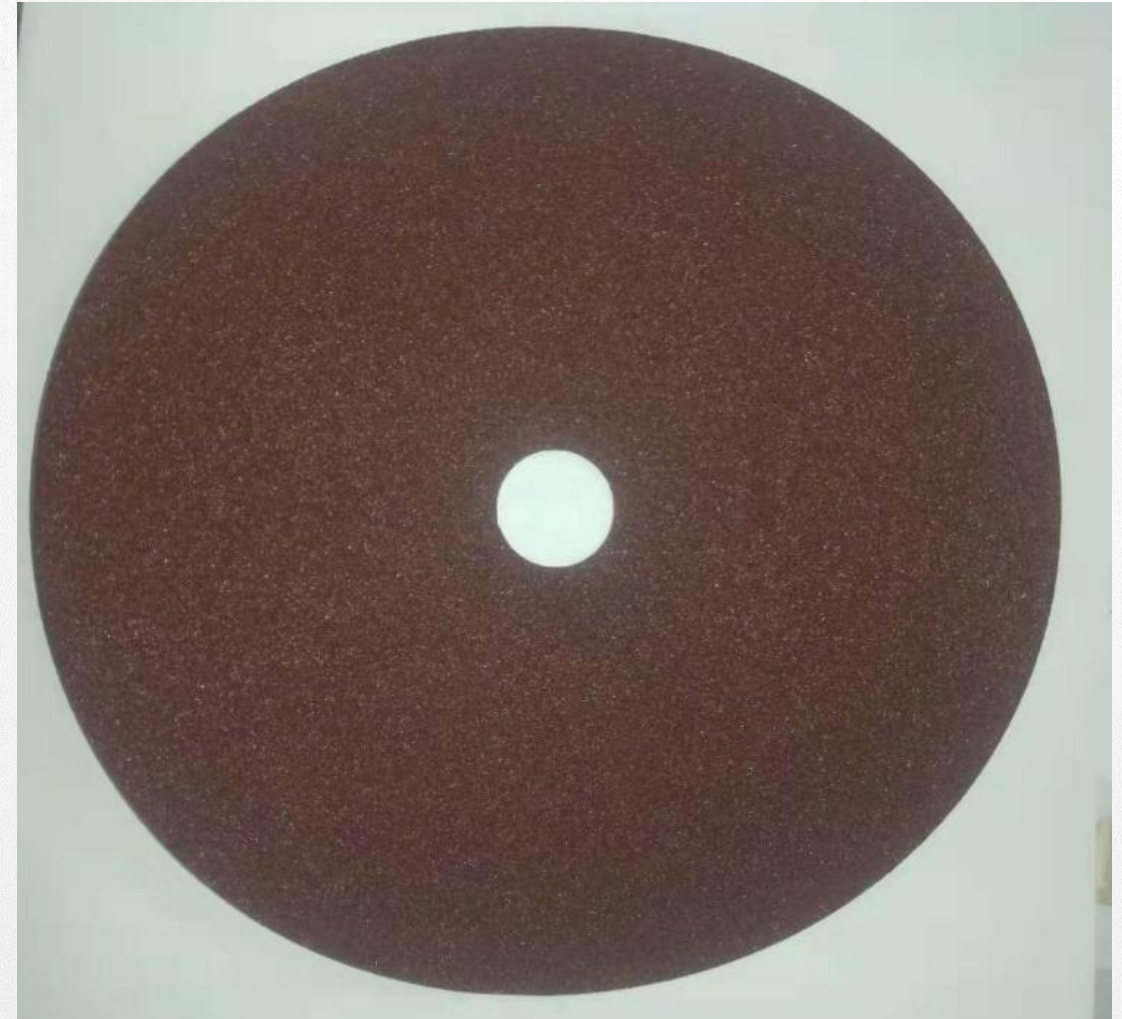


Main Products-Coated Abrasives

Fiber Discs

Basic Specification

Width:	1420mm
Backing Material :	Polyester Cloth
Grain:	Zirconia Alumina Oxide
Bonder:	Resin over resin
Grit:	P24-400
Coating :	Closed coating



Main Products-Coated Abrasives

**Polyester Cloth
Productions**

Backing products

**Cotton Cloth
Productions**

**Polyester/Cotton
Cloth Productions**

Polyester Cloth Productions-BPY-WC01



Product Features

- ◆ Extraordinary antistatic properties
- ◆ High strength
- ◆ Good flatness
- ◆ Graphite coated print side for excellent non-slip performance

Backing Description

Gray fabric:	YY weight
Application:	MDF HDF woodworking
Grit range:	P24-P240
Print side color:	Black

Technical Data

Weight:	appr. 538g/ m ²
Thickness:	appr. 0.56mm
Tensile strength warp:	appr. 4381N/50mm
Tensile strength weft:	appr. 1741N/50mm
Elongation at 600N/50mm:	appr. 1.5%
Bending strength warp:	appr. 458N/mm ²
Bending strength weft:	appr. 279N/mm ²
Peel strength:	appr. 280-310N/50mm

Polyester Cloth Productions-BPY-STKZ02



Product Features

- ◆ High bond strength, suitable for stainless brush finish
- ◆ High strength for zirconia belts
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Metalworking
Grit range:	P24-P240
Print side color:	Black

Technical Data

Weight:	appr. 605g/ m ²
Thickness:	appr. 0.67mm
Tensile strength warp:	appr. 3988N/50mm
Tensile strength weft:	appr. 1397N/50mm
Elongation at 600N/50mm:	appr. 1.2%
Bending strength warp:	appr. 599N/mm ²
Bending strength weft:	appr. 440N/mm ²
Peel strength:	appr. 320-350N/50mm

Polyester Cloth Productions-BPY-MD03



Product Features

- ◆ Suitable for metalworking
- ◆ High strength
- ◆ High flatness

Backing Description

Gray fabric:	Y weight
Application:	Metalworking
Grit range:	P24-P320
Print side color:	Black

Technical Data

Weight:	appr. 525g/ m ²
Thickness:	appr. 0.58mm
Tensile strength warp:	appr. 3583N/50mm
Tensile strength weft:	appr. 1001N/50mm
Elongation at 600N/50mm:	appr. 1.1%
Bending strength warp:	appr. 513N/mm ²
Bending strength weft:	appr. 332N/mm ²
Peel strength:	appr. 310-340N/50mm

Polyester Cloth Productions-BPY-WED04



Product Features

- ◆ High strength
- ◆ Metalworking in water and oil
- ◆ Good flatness

Backing Description		Technical Data	
Gray fabric:	Y weight	Weight:	appr. 496g/ m ²
Application:	Wet & Dry Metalworking	Thickness:	appr. 0.55mm
Grit range:	P40-P240	Tensile strength warp:	appr. 3202N/50mm
Print side color:	Black	Tensile strength weft:	appr. 993N/50mm
		Elongation at 600N/50mm:	appr. 1.3%
		Bending strength warp:	appr. 458N/mm ²
		Bending strength weft:	appr. 349N/mm ²
		Peel strength:	appr. 300-330N/50mm

Polyester Cloth Productions-BPY-WC05



Product Features

- ◆ High weft strength for multi-joint belts
- ◆ Good flatness
- ◆ Antistatic coating on print back

Backing Description

Gray fabric:	YY weight
Application:	Woodworking with multi-joint belts
Grit range:	P24-P240
Print side color:	Black

Technical Data

Weight:	appr. 585g/ m ²
Thickness:	appr. 0.61mm
Tensile strength warp:	appr. 4284N/50mm
Tensile strength weft:	appr. 2459N/50mm
Elongation at 600N/50mm:	appr. 1.7%
Bending strength warp:	appr. 550N/mm ²
Bending strength weft:	appr. 386N/mm ²
Peel strength:	appr. 280-310N/50mm

Polyester Cloth Productions-BPY-WC06



Product Features

- ◆ Universal application for woodworking
- ◆ Good flatness

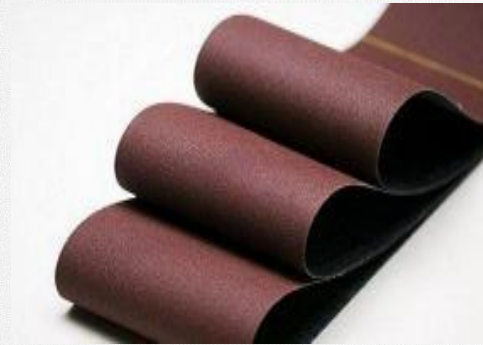
Backing Description

Gray fabric:	Y weight
Application:	MDF,HDF Woodworking
Grit range:	P24-P240
Print side color:	Black

Technical Data

Weight:	appr. 509g/ m ²
Thickness:	appr. 0.53mm
Tensile strength warp:	appr. 4068N/50mm
Tensile strength weft:	appr. 1388N/50mm
Elongation at 600N/50mm:	appr. 1.5%
Bending strength warp:	appr. 453N/mm ²
Bending strength weft:	appr. 291N/mm ²
Peel strength:	appr. 270-300N/50mm

Polyester Cloth Productions-BPY-WMDC08-2B



Product Features

- ◆ Universal application for woodworking and metalworking
- ◆ High strength
- ◆ Good flatness

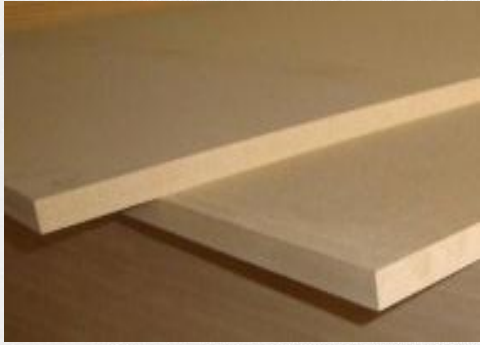
Backing Description

Gray fabric:	Y weight
Application:	Woodworking & Metalworking
Grit range:	P40-P400
Print side color:	Black

Technical Data

Weight:	appr. 647g/ m ²
Thickness:	appr. 0.66mm
Tensile strength warp:	appr. 2716N/50mm
Tensile strength weft:	appr. 1609N/50mm
Elongation at 600N/50mm:	appr. 1.2%
Bending strength warp:	appr. 678N/mm ²
Bending strength weft:	appr. 622N/mm ²
Peel strength:	appr. 320-350N/50mm

Polyester Cloth Productions-BPY-WC08-2R



Product Features

- ◆ Universal application for woodworking
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Woodworking (esp. fiberboard etc.)
Grit range:	P40-P400
Print side color:	Red

Technical Data

Weight:	appr. 622g/ m ²
Thickness:	appr. 0.66mm
Tensile strength warp:	appr. 2827N/50mm
Tensile strength weft:	appr. 1535N/50mm
Elongation at 600N/50mm:	appr. 1.2%
Bending strength warp:	appr. 661N/mm ²
Bending strength weft:	appr. 578N/mm ²
Peel strength:	appr. 320-350N/50mm

Polyester Cloth Productions-BPY-WC08-2L



Product Features

- ◆ High thickness and weight
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Woodworking
Grit range:	P24-P240
Print side color:	Blue

Technical Data

Weight:	appr. 601g/ m ²
Thickness:	appr. 0.66mm
Tensile strength warp:	appr. 2872N/50mm
Tensile strength weft:	appr. 1481N/50mm
Elongation at 600N/50mm:	appr. 1.3%
Bending strength warp:	appr. 469N/mm ²
Bending strength weft:	appr. 359N/mm ²
Peel strength:	appr. 320-350N/50mm

Polyester Cloth Productions-BPY-WMDC08-3B



Product Features

- ◆ Universal application for metalworking
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Metalworking
Grit range:	P40-P600
Print side color:	Black

Technical Data

Weight:	appr. 481g/ m ²
Thickness:	appr. 0.50mm
Tensile strength warp:	appr. 2468N/50mm
Tensile strength weft:	appr. 858N/50mm
Elongation at 600N/50mm:	appr. 1.4%
Bending strength warp:	appr. 391N/mm ²
Bending strength weft:	appr. 293N/mm ²
Peel strength:	appr. 280-310N/50mm

Polyester Cloth Productions-BPY-WC08-3R



Product Features

- ◆ Universal application for woodworking
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Woodworking(eps. particleboard etc.)
Grit range:	P16-P400
Print side color:	Red

Technical Data

Weight:	appr. 462g/ m ²
Thickness:	appr. 0.50mm
Tensile strength warp:	appr. 2724N/50mm
Tensile strength weft:	appr. 873N/50mm
Elongation at 600N/50mm:	appr. 1.4%
Bending strength warp:	appr. 426N/mm ²
Bending strength weft:	appr. 298N/mm ²
Peel strength:	appr. 280-310N/50mm

Polyester Cloth Productions-BPY-WC08-4B



Product Features

- ◆ Universal application for woodworking
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Woodworking(esp. ply board etc.)
Grit range:	P16-P400
Print side color:	Black

Technical Data

Weight:	appr. 540g/ m ²
Thickness:	appr. 0.54mm
Tensile strength warp:	appr. 2439N/50mm
Tensile strength weft:	appr. 1118N/50mm
Elongation at 600N/50mm:	appr. 1.4%
Bending strength warp:	appr. 469N/mm ²
Bending strength weft:	appr. 379N/mm ²
Peel strength:	appr. 300-330N/50mm

Polyester Cloth Productions-BPY-WC08-4G



Product Features

- ◆ Universal application for woodworking
- ◆ High strength
- ◆ Good flatness

Backing Description

Gray fabric:	Y weight
Application:	Woodworking (esp. particleboard etc.)
Grit range:	P16-P240
Print side color:	Greenish blue

Technical Data

Weight:	appr. 528g/ m ²
Thickness:	appr. 0.55mm
Tensile strength warp:	appr. 2695N/50mm
Tensile strength weft:	appr. 1160N/50mm
Elongation at 600N/50mm:	appr. 1.5%
Bending strength warp:	appr. 330N/mm ²
Bending strength weft:	appr. 247N/mm ²
Peel strength:	appr. 300-330N/50mm

Polyester Cloth Productions-BPY-HLZ11



Product Features

- ◆ High strength
- ◆ High abrasion resistance
- ◆ Good flatness

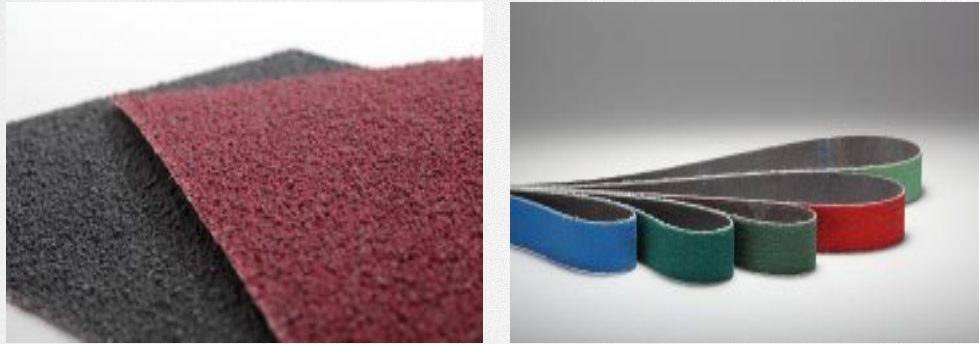
Backing Description

Gray fabric:	YY weight
Application:	Ceramic & Zirconia belt
Grit range:	P24-P120
Print side color:	Black

Technical Data

Weight:	appr. 738g/ m ²
Thickness:	appr. 0.71mm
Tensile strength warp:	appr. 6281N/50mm
Tensile strength weft:	appr. 1910N/50mm
Elongation at 600N/50mm:	appr. 1.5%
Bending strength warp:	appr. >900N/mm ²
Bending strength weft:	appr. 670N/mm ²
Peel strength:	appr. 360-390N/50mm

Polyester Cloth Productions-BPY-HLZC12



Product Features

- ◆ High strength
- ◆ High abrasion resistance
- ◆ Good flatness

Backing Description

Gray fabric:	YY weight
Application:	Zirconia & Compact Grain Belt
Grit range:	P24-P600
Print side color:	Black

Technical Data

Weight:	appr. 605g/ m ²
Thickness:	appr. 0.67mm
Tensile strength warp:	appr. 3734N/50mm
Tensile strength weft:	appr. 2033N/50mm
Elongation at 600N/50mm:	appr. 2.5%
Bending strength warp:	appr. 690N/mm ²
Bending strength weft:	appr. 544N/mm ²
Peel strength:	appr. 350-380N/50mm

Cotton Cloth Productions-KS124



Product Features

- ◆ High flexibility
- ◆ Good flatness
- ◆ Good friction performance

Backing Description

Gray fabric:	J weight
Application:	Contour sanding with flexible belt
Grit range:	P60-P600
Print side color:	Dark Yellow

Technical Data

Weight:	appr. 299g/ m ²
Thickness:	appr. 0.32mm
Tensile strength warp:	appr. 1458N/50mm
Tensile strength weft:	appr. 395N/50mm
Elongation at 600N/50mm:	appr. 1.5%
Bending strength warp:	appr. 44N/mm ²
Bending strength weft:	appr. 16N/mm ²
Peel strength:	appr. 110-140N/50mm

Cotton Cloth Productions-BCX-UKC319



Product Features

- ◆ High flexibility
- ◆ Good flatness
- ◆ Extraordinary antistatic properties

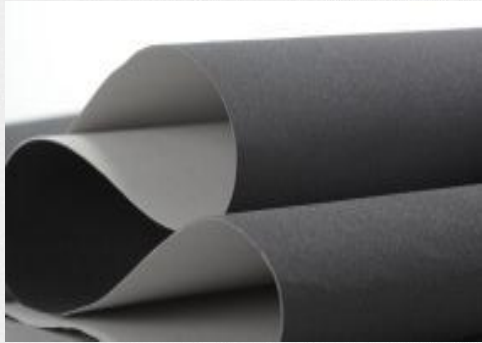
Backing Description

Gray fabric:	X weight
Application:	Flap Disc Sanding Sheet
Grit range:	P24-P400
Print side color:	Black

Technical Data

Weight:	appr. 339g/ m ²
Thickness:	appr. 0.41mm
Tensile strength warp:	appr. 2129N/50mm
Tensile strength weft:	appr. 651N/50mm
Elongation at 600N/50mm:	appr. 1.3%
Bending strength warp:	appr. 135N/mm ²
Bending strength weft:	appr. 59N/mm ²
Peel strength:	appr. 150-180N/50mm

Polyester/Cotton Cloth Productions-BBX-SK317



Product Features

- ◆ High flexibility for contour sanding
- ◆ Good flatness
- ◆ Good friction performance

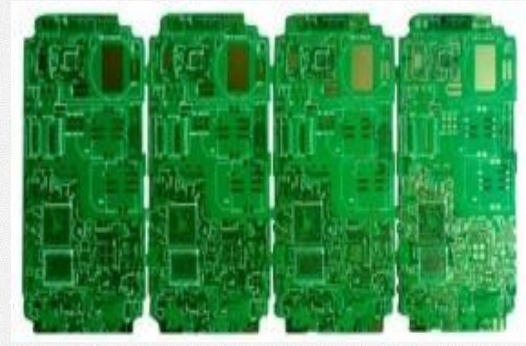
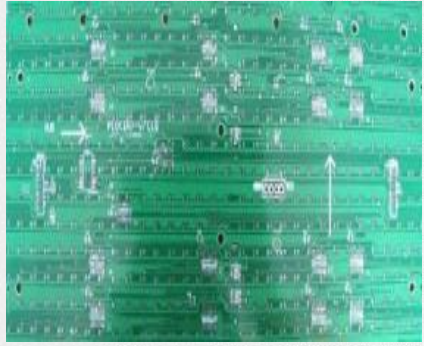
Backing Description

Gray fabric:	X weight
Application:	Contour sanding with flexible belt
Grit range:	P60-P1000
Print side color:	White

Technical Data

Weight:	appr. 321g/ m ²
Thickness:	appr. 0.37mm
Tensile strength warp:	appr. 2450N/50mm
Tensile strength weft:	appr. 842N/50mm
Elongation at 600N/50mm:	appr. 3.4%
Bending strength warp:	appr. 38N/mm ²
Bending strength weft:	appr. 150N/mm ²
Peel strength:	appr. 160-190N/50mm

Polyester/Cotton Cloth Productions-BBX-PK319



Product Features

- ◆ High flexibility for circuit board finishing
- ◆ Good flatness
- ◆ Good friction performance

Backing Description	
Gray fabric:	X weight
Application:	Circuit board finishing
Grit range:	P100-P1200
Print side color:	Black

Technical Data	
Weight:	appr. 368g/ m ²
Thickness:	appr. 0.40mm
Tensile strength warp:	appr. 2694N/50mm
Tensile strength weft:	appr. 844N/50mm
Elongation at 600N/50mm:	appr. 2.4%
Bending strength warp:	appr. 110N/mm ²
Bending strength weft:	appr. 61N/mm ²
Peel strength:	appr. 200-230N/50mm

Polyester/Cotton Cloth Productions-BBX-UKC318



Product Features

- ◆ High flexibility
- ◆ Good flatness
- ◆ Good friction performance

Backing Description

Gray fabric:	X weight
Application:	Small belt Sanding sheet
Grit range:	P24-P240
Print side color:	Black

Technical Data

Weight:	appr. 336g/ m ²
Thickness:	appr. 0.42mm
Tensile strength warp:	appr. 2253N/50mm
Tensile strength weft:	appr. 780N/50mm
Elongation at 600N/50mm:	appr. 2.5%
Bending strength warp:	appr. 102N/mm ²
Bending strength weft:	appr. 56N/mm ²
Peel strength:	appr. 190-230N/50mm



4

Bonded Abrasives

Main Products-Bonded Abrasives



Bonded Abrasives-Auto Industry

Crankshaft Grinding Wheels



Product Features

- ◆ grinding force for different areas of work piecesExcellent form retention, decreased chances of burn.
- ◆ Excellent R-angle holding and less chances of burn
- ◆ Excellent geometric accuracy

Basic Specification

V-P 1065*47*304.8WA/PA60M 6V60m/s

Application

Crankshaft
Grinding crankshafts
Connecting rods



Bonded Abrasives-Auto Industry

Camshaft Grinding Wheels



Product Features

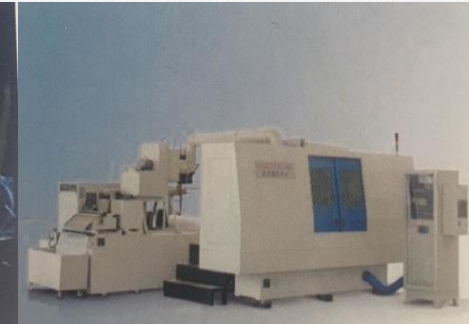
- ◆ Offer aggressive cutting
- ◆ Grind with less heat
- ◆ Eliminate burning and chatters

Basic Specification

V-P 600*25*305A/WA60K 50m/s

Application

Camshats
Grinding crankshafts
Camshaft grinder



Bonded Abrasives-Auto Industry

Worm grinding wheels



Product Features

- ◆ The use of the ceramic abrasives guarantees superior cutting edges and high productivity;
- ◆ Excellent toughness and form-holding for precision grinding and profile grinding;
- ◆ excellent gear geometries

Basic Specification

V-PW-400*100*203CA80K-80m/s

Application

For the use in gear industry especially for grinding automobile gears



Bonded Abrasives-Bear Industry

Raceway Grinding Wheels



Product Features

- ◆ Unit structure and constant performance, excellent form retention, decreased chances of burn
- ◆ aggressive cutting
- ◆ Excellent shape

Basic Specification

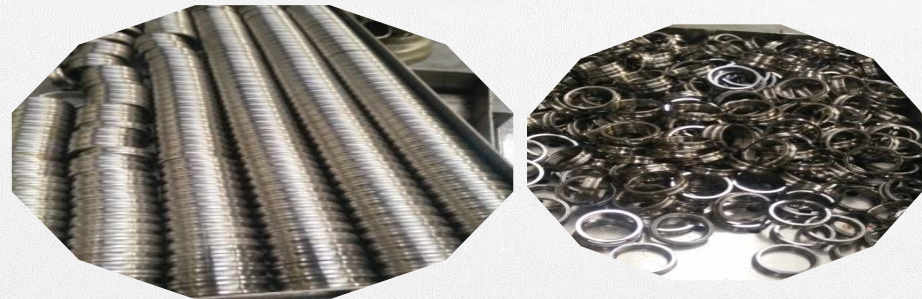
V-P500*10*203A/WA120K-60m/s

V-P600*16*305A/WA100J-60m/s

Application

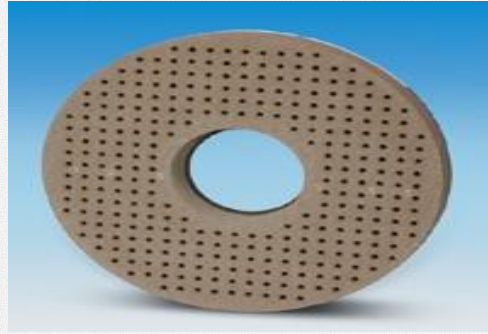
external ring

Internal ring



Bonded Abrasives-Bear Industry

Resin Bonded end Grinding Wheels



Product Features

- ◆ Made-to-order wheels can be provided to suit your specific needs;
- ◆ High durability and consistent performance, self-dressing

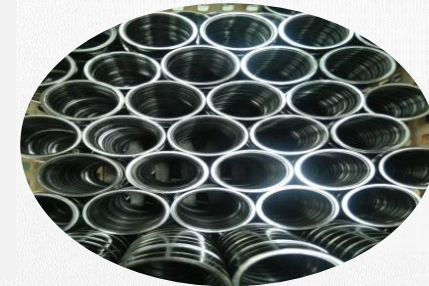
Basic Specification

B-PL750*63*20A60P-35m/s

➤ B-PL500*63*20A60N-35m/s

Application

Bearing rings
springs
Piston rings



Bonded Abrasives-Bear Industry

Vitrified Centerless Grinding Wheel



Product Features

- ◆ The use of the unique bond system and production technology offers high performing wheels with sharp edges and less heat.
- ◆ Excellent form retention, decreased chances of burn.
- ◆ Excellent geometric accuracy with flatness of less than 0.1mm, concentricity of less than 0.1mm.

Basic Specification

V-P500*200*305A80K-35m/s;

V-P600*200*305A60N-35m/s

Application

Valve stems
Piston pins
Shaft sleeves



Bonded Abrasives-Steel Industry

Resin roll Grinding Wheels



Product Features

- ◆ High G-cost raia and long wheel life
- ◆ Excellent surface quality , reduced chatters and scratches

Basic Specification

B-P 915*100*304.8 GA-36-G-50m/s

Application

used for grinding work rolls for hot-rolled steel plates, cold rolled steel plates, silicon steel sheets, heavy plates, continuous casting and rolling plates

Bonded Abrasives-Steel Industry

Hot pressed grinding wheels



Product Features

- ◆ Aggressive grinding and high stock removal
- ◆ Excellent surface quality

Basic Specification

B-P-610-76-203.2 ZA10-YB-80 m/min

B-P-915-150-304.8 ZA10-YB-80 m/min

Application

Removing oxide surface of billets, steel ingots etc



To be the excellent supplier of international abrasives industry.