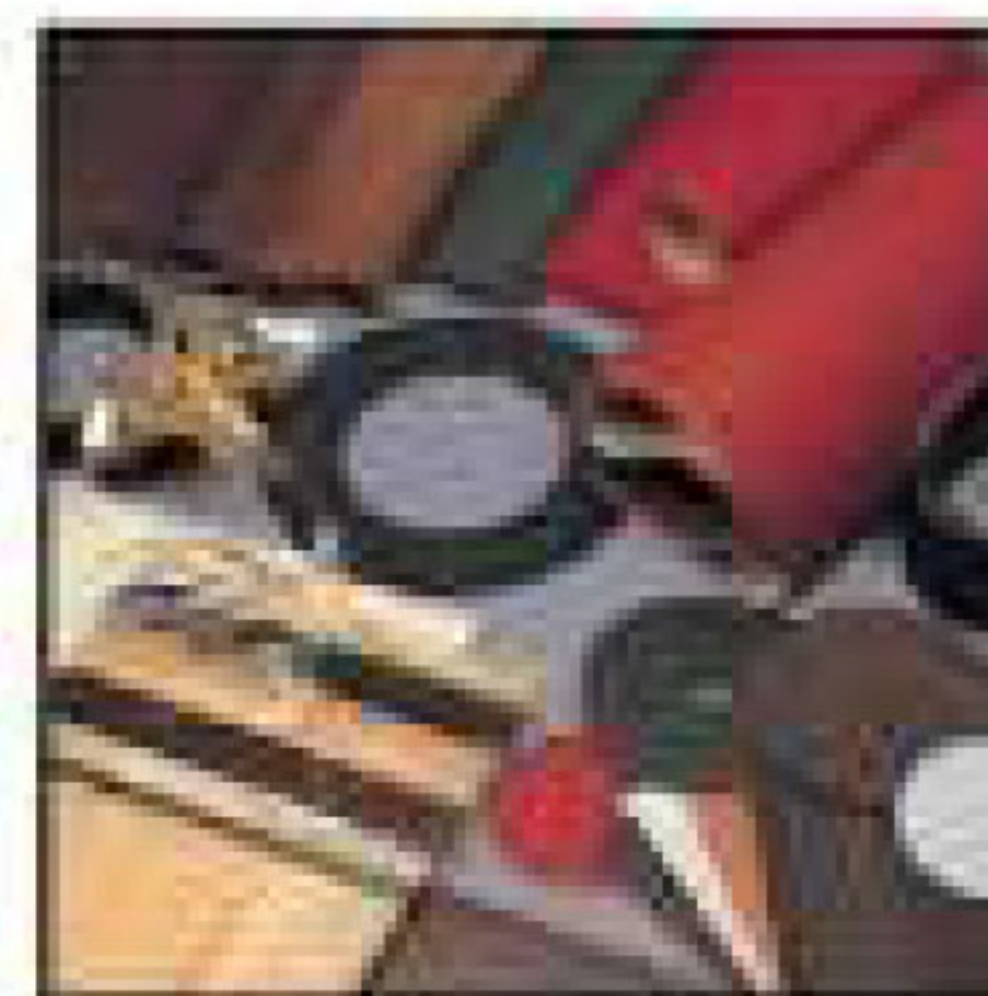
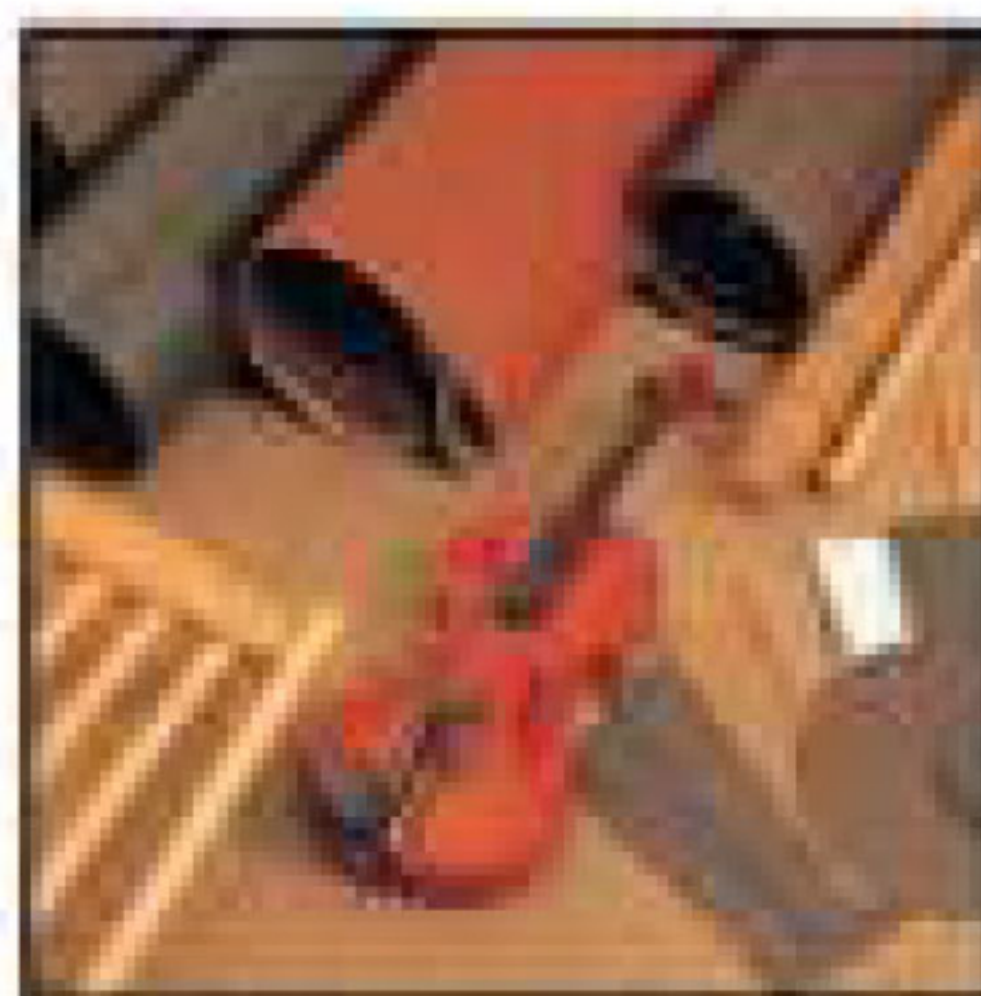




SUNMIGHT Abrasives

INDUSTRIAL PRODUCT GUIDE





We Are People in Pursuit of the Best Quality

Sun Abrasives Co. Ltd was established in 1961 to further develop the coated abrasive industry in Korea. From the beginning our goal is to supply the highest quality products to the global market. To achieve this goal, we continue developing new products and quality systems through strong investment in research and development. We supply a wide range of coated abrasive products worldwide including North America, Europe and Asia. Sun Abrasives Co. Ltd is now recognized as the solution to the most demanding applications.

Profile of Company

- Registered Name : SUN ABRASIVES CO., LTD.
- Trade Mark : SUNMIGHT
- Headquarters : Ansan-City, Kyonggi-Do, S.KOREA.
- Product : Coated Abrasives Cloth, Paper & Film etc.



1961

KOREA ABRASIVES
established in Seoul

1970

SUN ABRASIVES
established
in Buchon

1988

- Joint venture agreement
with 3M U.S.A
- Ground breaking
of new plant in Ansan

1990

The construction of
No.1 maker completed

1996

The construction of
No.2 maker completed

1997

ISO 9001 Certification

2002

The construction
of new plant
in Pyungtek

2005

SUNMIGHT USA
established
in Nor



Film


Sunlight Film is a premium product with strong and even surface film backing that allows better surface finish and longer life. It is also great for corner and edge sanding without problems with tearing.





Specification	
Grain	Premium Aluminum Oxide
Backing	Polyester Film
Bond	Phenolic Resin
Coating	Open Coat
Grit range	36 - 2000


Download	
Image	Download
Catalog	Download
TDS	
SDS	


Application

 Automotive


 Marine

 Aerospace


 Wood

 Metal

Type

 Disc

 Disc Roll

 Sheet Roll

 File Sheet



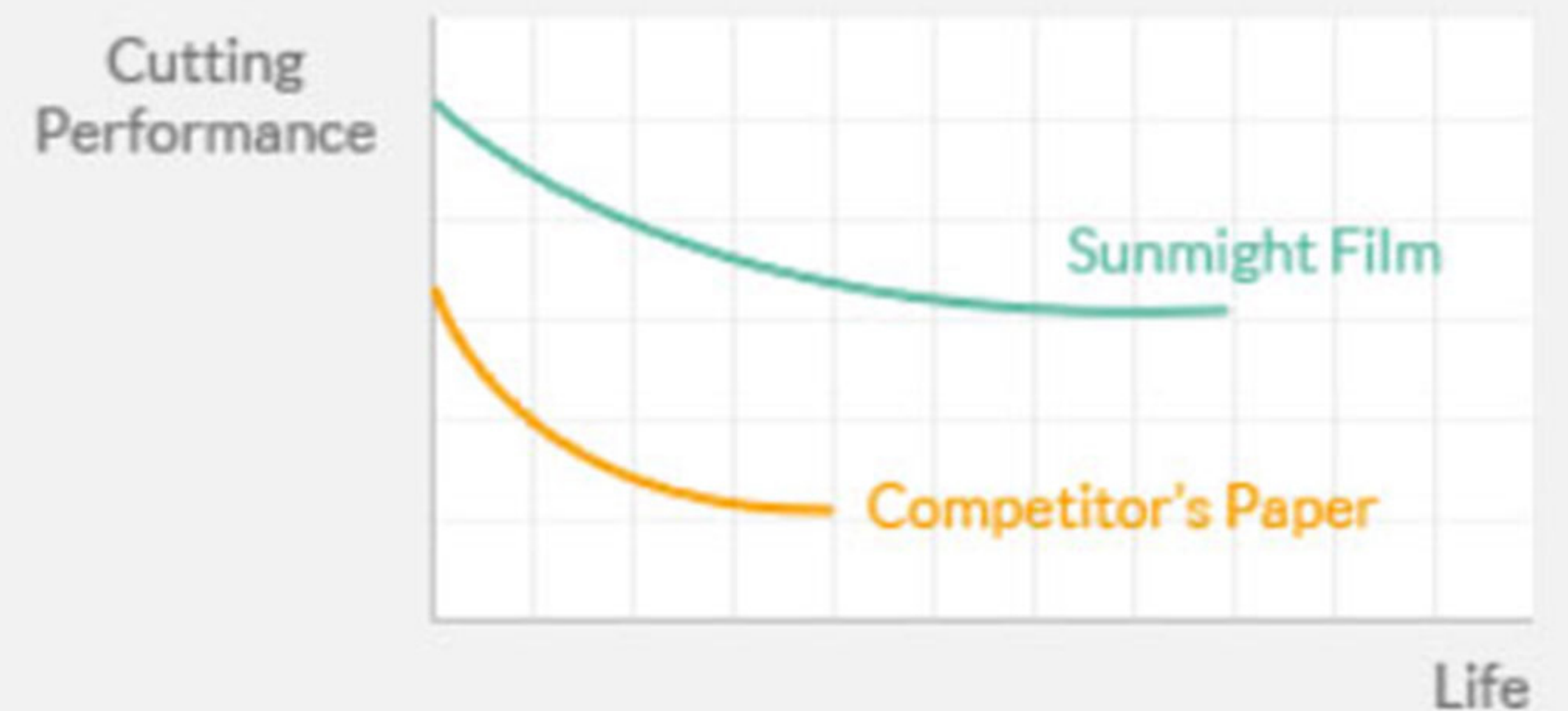
Grit range

P36	P40	P60	P80	P100	P120	P150	P180	P220	P240
									
P280	P320	P400	P500	P600	P800	P1000	P1200	P1500	P2000
									

Product Benefit

Excellent Cutting and Long Life

Sunmigh Film's premium grain and strong resin bond provide faster and sharper cutting performance and longer life than competitors' products.



Excellent Durability

Film backing is very strong and durable. It does not tear easily during sanding operation and is great for edges, corners and irregular shapes.

After Sanding



Film Product



Paper Product

Good for Edge & Corner Sanding



Edge sanding

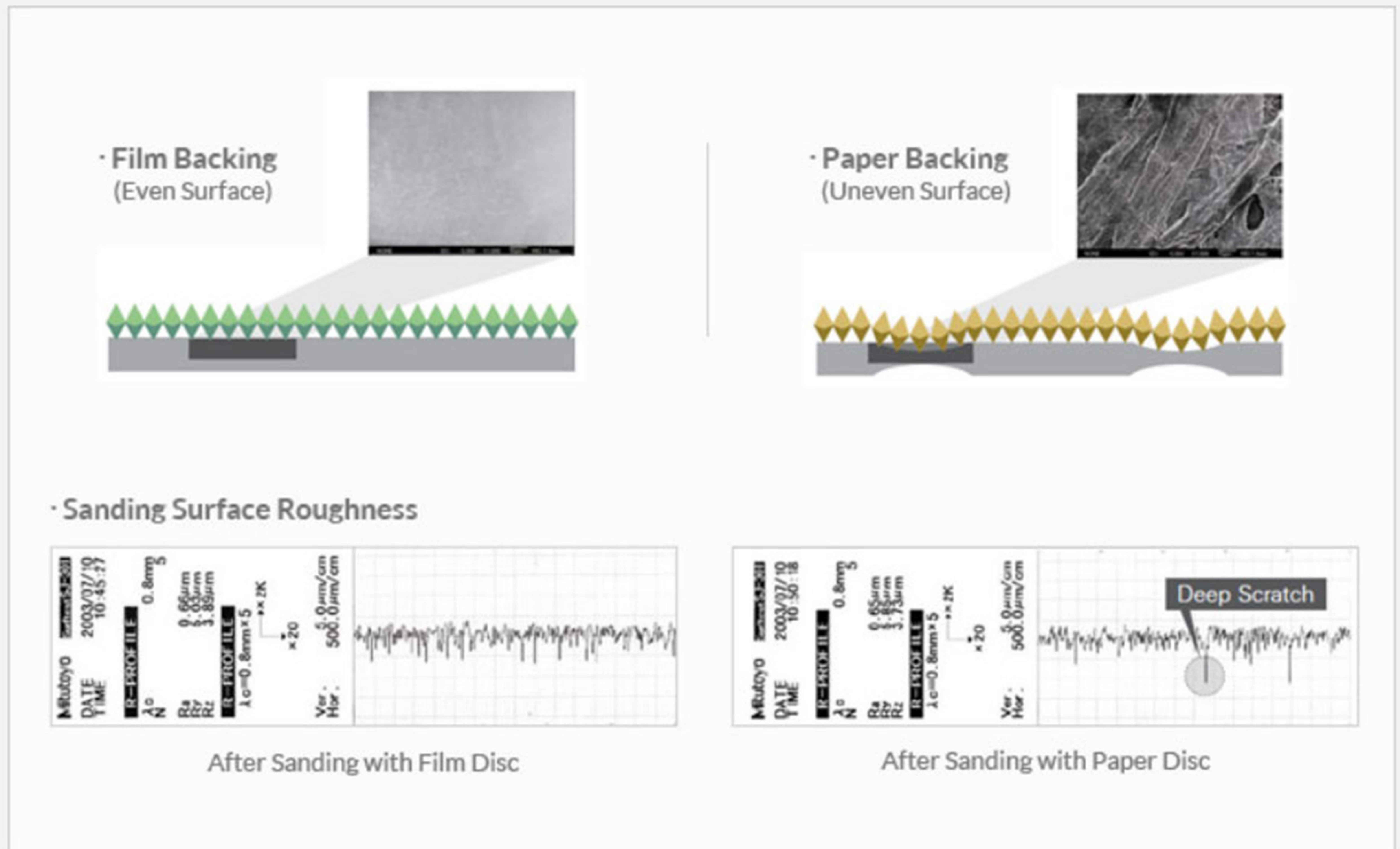


Corner Sanding



Perfect Sanding Surface

With uniform mineral coating on perfectly even surface, film works better than paper. The result is outstanding finish without deep scratch marks.



Less Shelling Problems

Special resin over resin adhesion technology reduces shelling problems.

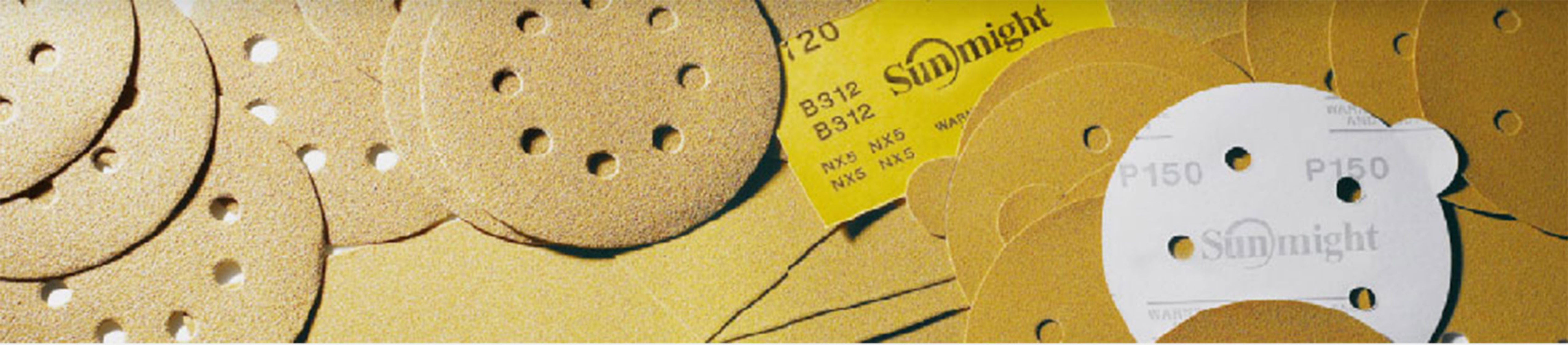
Advance Adhesion Technology



Sunmigh Film

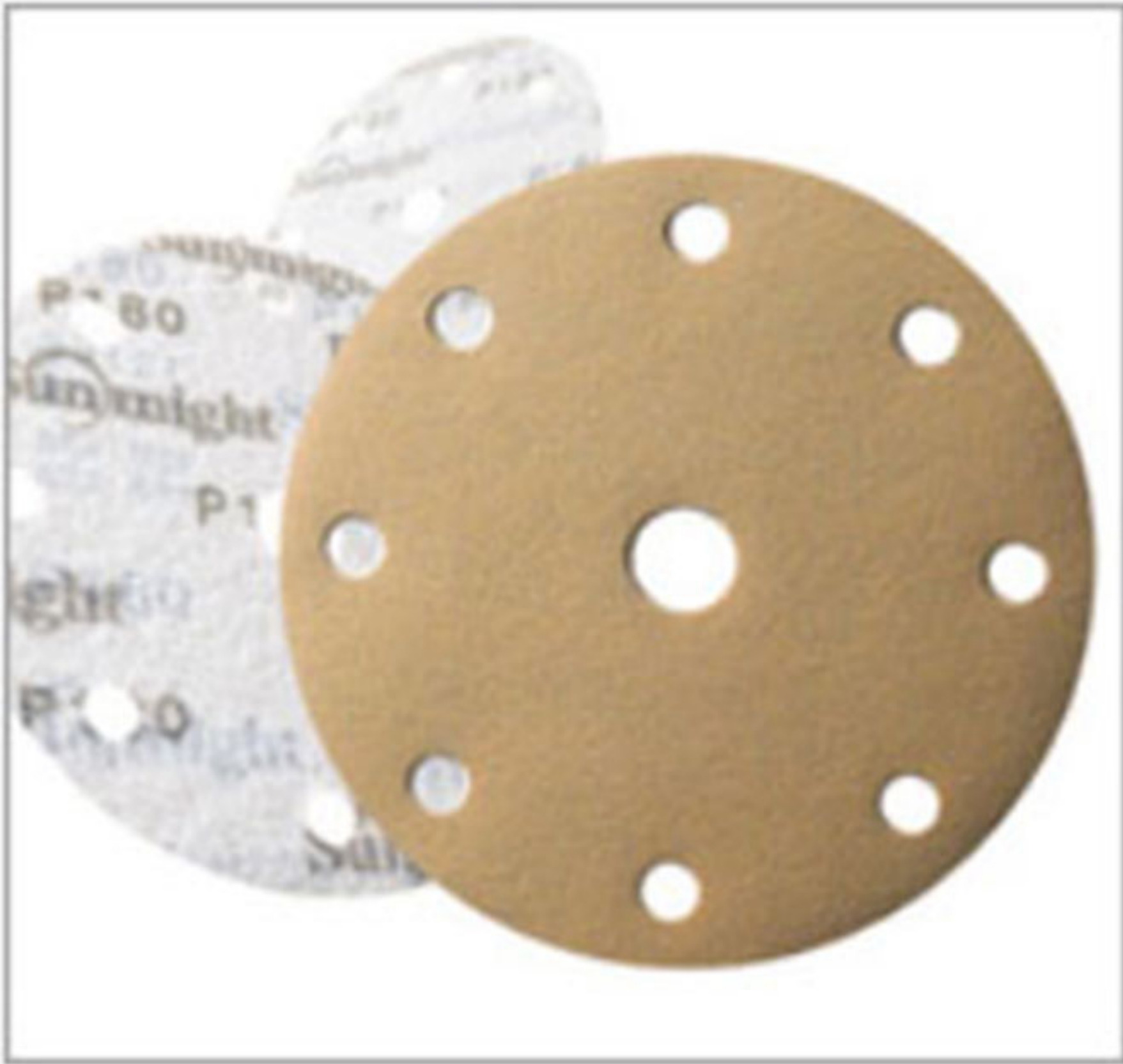


Competitor's Paper



Gold


Sunmight Gold is made with premium aluminum oxide grain, high quality latex paper, and strong phenol resin. If you are looking for the best combination of performance, reliability, and value, our Sunmight Gold is your answer.




Specification	
Grain	Premium Aluminum Oxide
Backing	Latex Paper
Bond	Phenolic Resin
Coating	Open Coat
Grit range	60 - 1200

Download	
Image	Download
Catalog	Download
TDS	
SDS	


Application

 Automotive


|

 Marine


|

 Aerospace


|

 Wood


|

 Metal


Type

 Disc


|

 Disc Roll


|

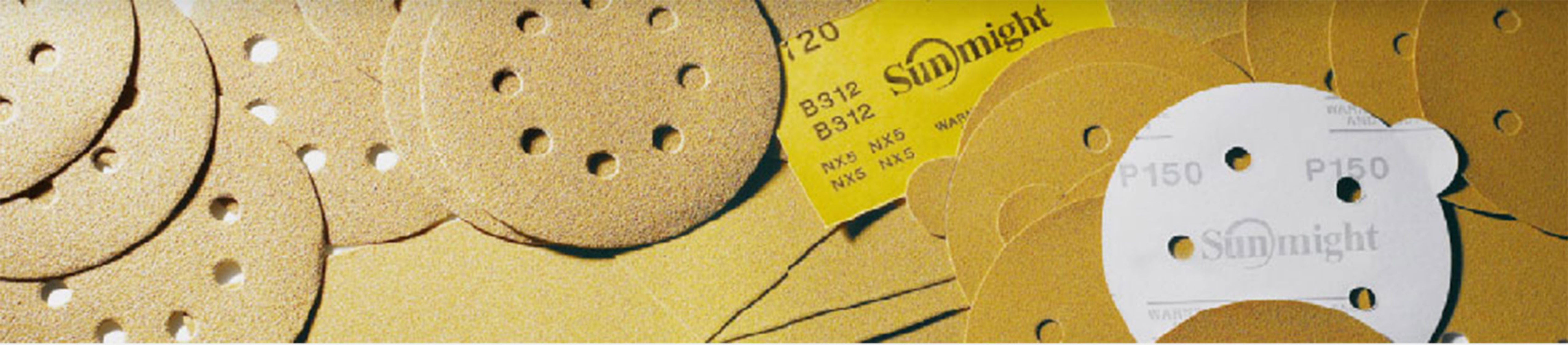
 Sheet Roll

|

 Soft Flex

|

 File Sheet



Grit range

P40	P60	P80	P100	P120	P150	P180	P220	P240	P280
●	●	●	●	●	●	●	●	●	●
P320	P400	P500	P600	P800	P1000	P1200			
●	●	●	●	●	●	●			

Product Benefit

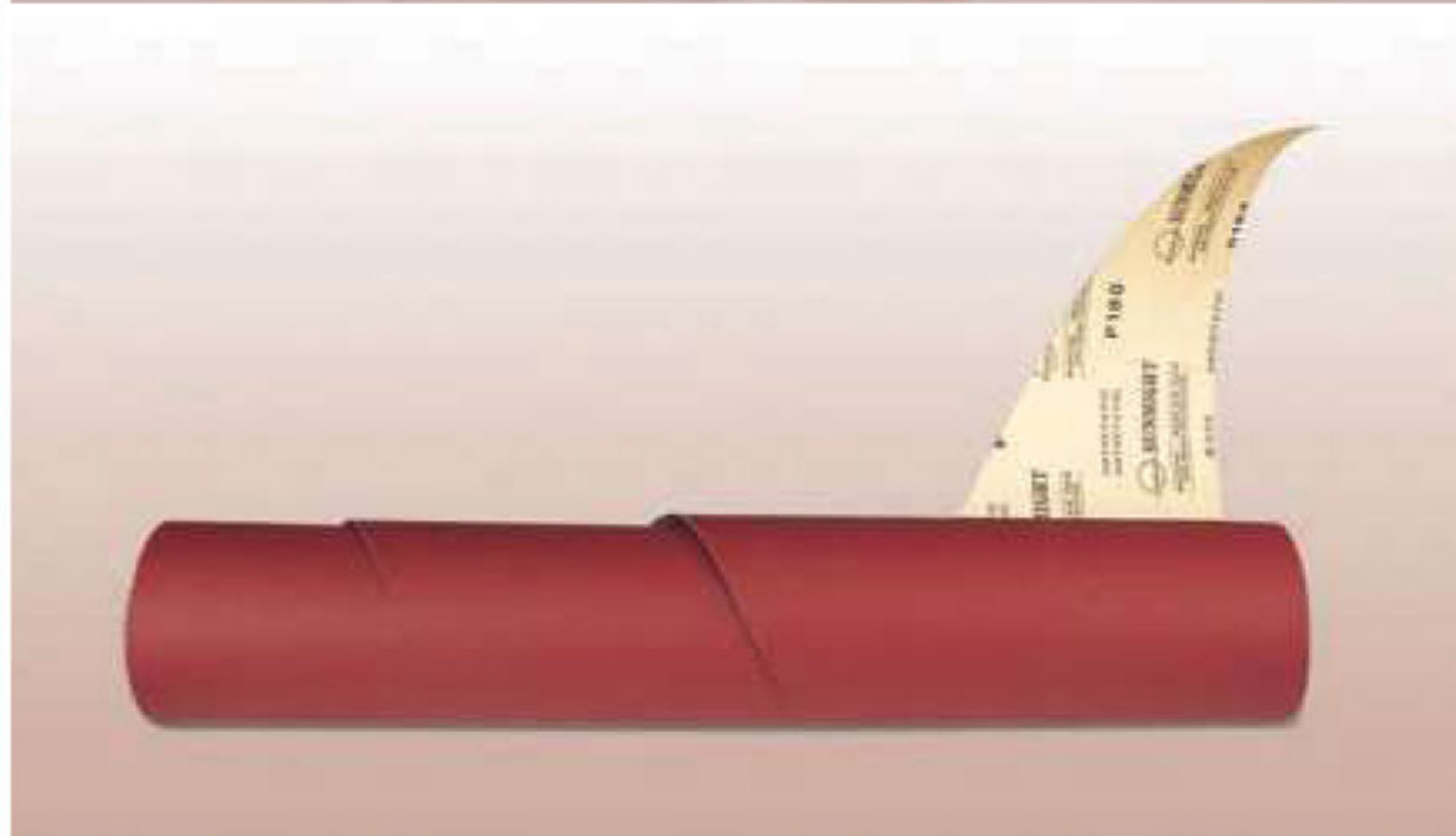
Enjoy the premium quality at lower price.

Sunmight Gold is different from other competitors’ Gold sandpapers. Even though the price is similar to other conventional Gold sandpapers, our Sunmight Gold is a premium product made with premium A/O grain, strong phenol resin and high quality latex paper for the best combination of performance, reliability and value.

	REGULAR DISC			PREMIUM DISC
	Competitor A Gold	Competitor B Gold	Competitor C Gold	Sunmight Gold
Grain	A/O	A/O	A/O	Premium A/O
Backing	Latex Paper	Craft Paper	Craft Paper	Latex Paper
Resin	Urea Glue	Urea Glue	Urea Glue	Phenol Resin

E & F-wt Aluminum Oxide Paper Product

B316 / B317 / B317W / B346 / B347 / B347W



- For wood, plywood, painted surface and leather
- Wide belt is available in width of up to 1650mm with one splice



E & F-wt Aluminum Oxide Paper Product

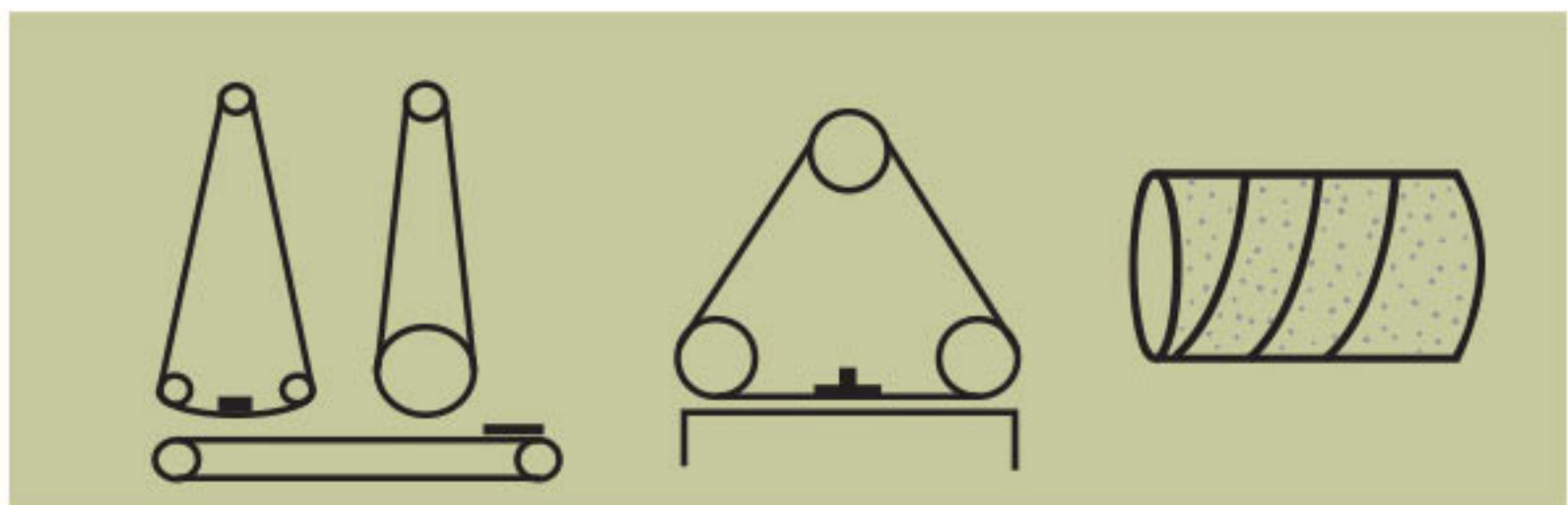
E-02

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																			TYPES						
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC	SHEET
B316 B317	AA	E F	OPEN	1,350			▲	▲	▲	●	●	●	●	●	●	●											✓	✓	✓	
B317W	AA	F	OPEN	1,680			▲	▲	▲	▲	▲	▲	▲	▲	●												✓			
B346 B347	AA	E F	CLOSE	1,350				▲	●	▲	▲	▲	▲	●	●	●	●	▲	●	▲	●	▲					✓	✓	✓	
B347W	AA	F	CLOSE	1,680				▲	●	▲	▲	▲	▲	●	●	●	●	●	●	●	▲	▲	▲				✓			

● Standard Grits
▲ Non Standard Grits

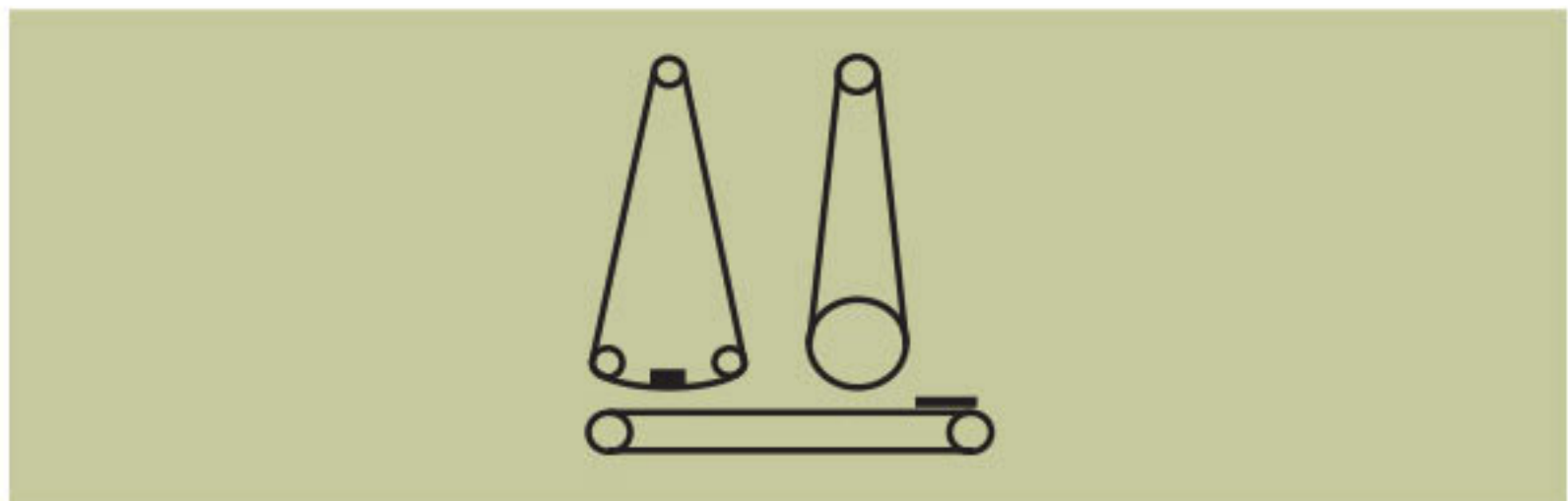
B316 / B317

- For wood, plywood, painted surface and leather
- Used mainly for machine operations
- Open coat - reduces clogging problems
- Trimmed 1420mm and untrimmed 1450mm in widths are available on customer's demand



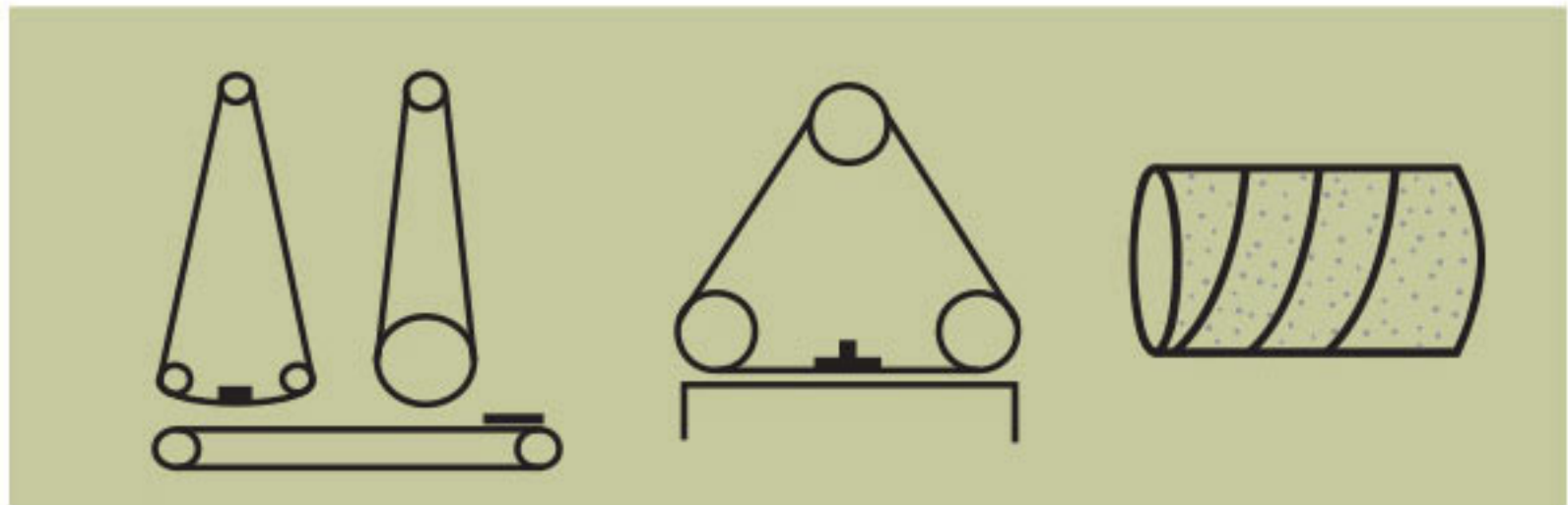
B317W

- Same B317 product with 1680mm width
- Wide belt is available in width of up to 1650mm with one splice



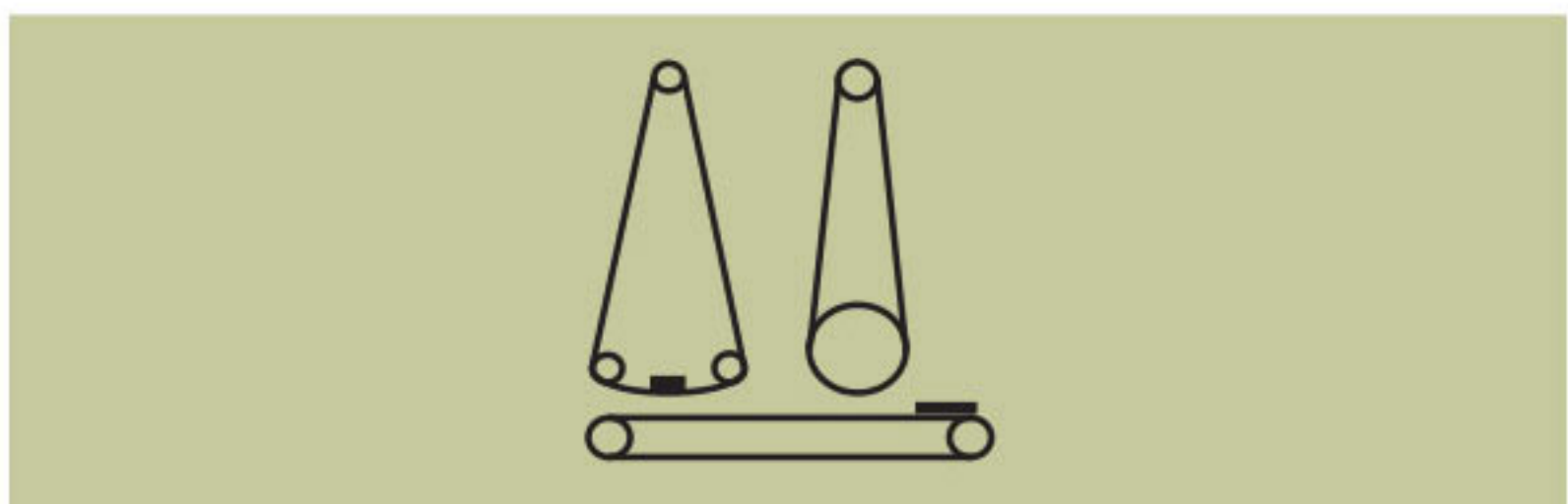
B346 / B347

- For stainless sheets, textile, wood, plywood and leather
- Close coat
- Trimmed 1420mm and untrimmed 1450mm in widths are available on customer's demand



B347W

- Same B347 product with 1680mm width
- For stainless sheets, textile, wood, plywood and leather
- Wide belt is available in width of up to 1650mm with one splice

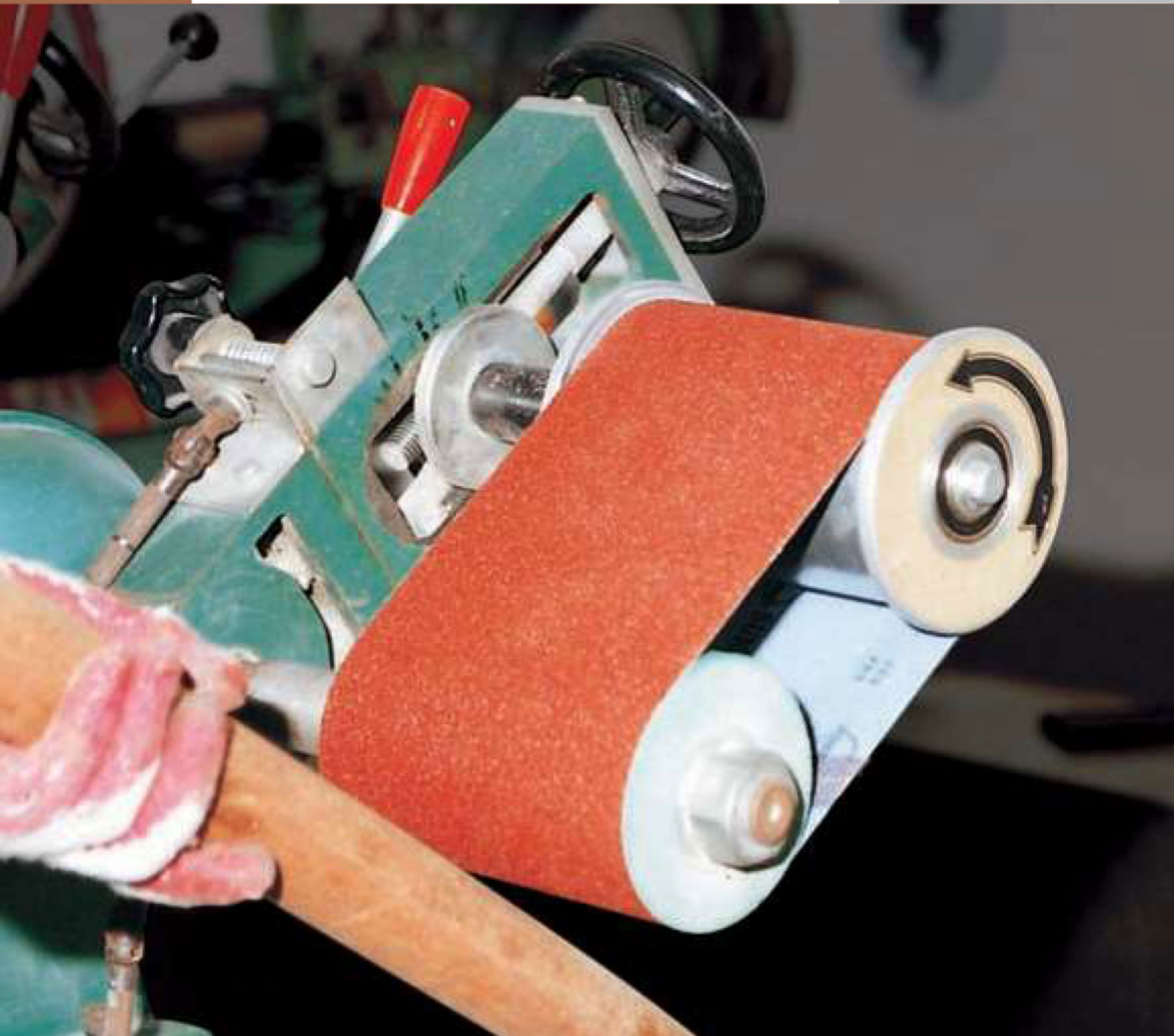


* Metal soap coating is available on customer's demand

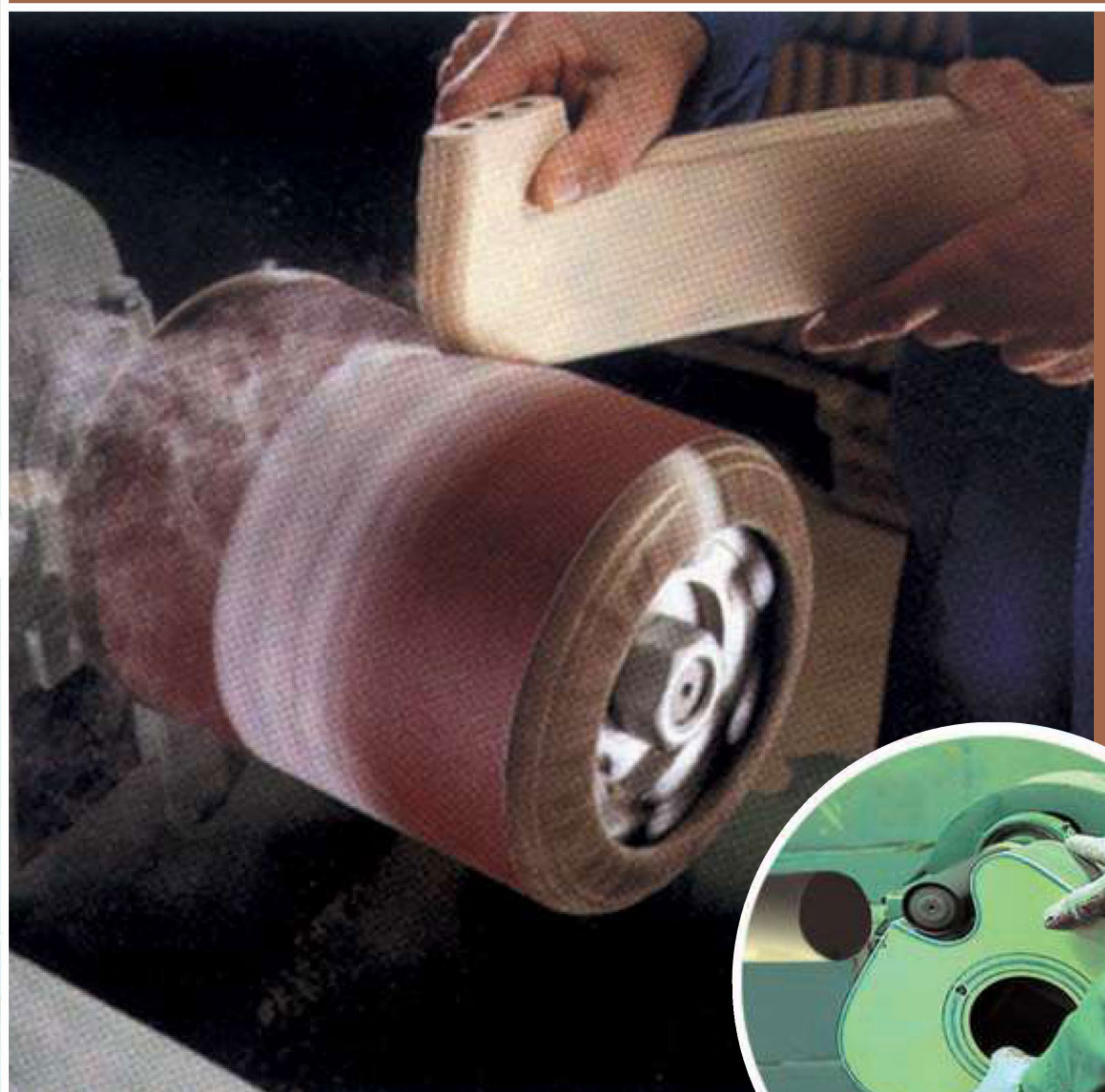
Sunmight

Flexible Aluminum Oxide Product For Wood Working

K35SF / K35F / R321



- Long belt (stroke sander)
- Pump sleeve
- Sponge sander



Sunmight

Flexible Aluminum Oxide Product For Wood Working

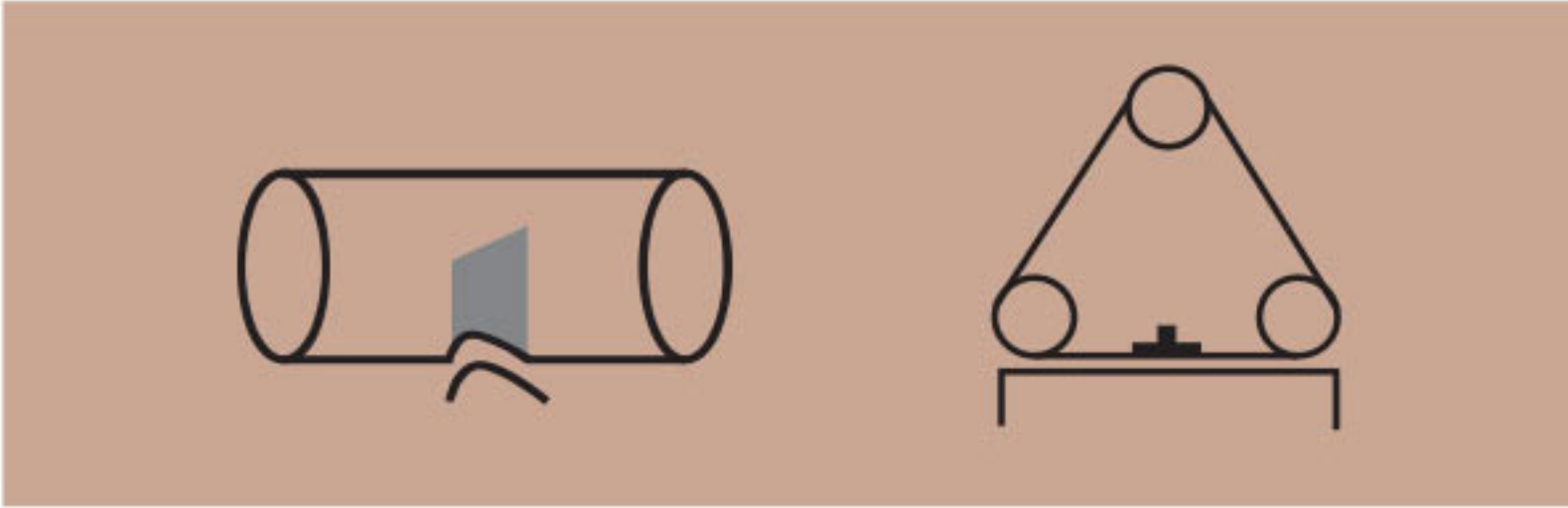
W-01

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																		TYPES						
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC
K35SF	AA	J	OPEN	1,350						▲	●	●	●	●	●	●	●	●	●	▲	●				✓	✓	✓		
K35F	AA	J	OPEN	1,350				▲	▲	●	●	●	●	●	●	●	●	▲	●	▲	●				✓	✓	✓		
R321	AA	J	OPEN	1,350				▲	▲	●	●	●	●	●	●	●	▲	●	▲	●	▲	●				✓	✓	✓	

● Standard Grits
▲ Non Standard Grits

K35SF

- More flexible than K35F
- For profile and irregular shape sanding



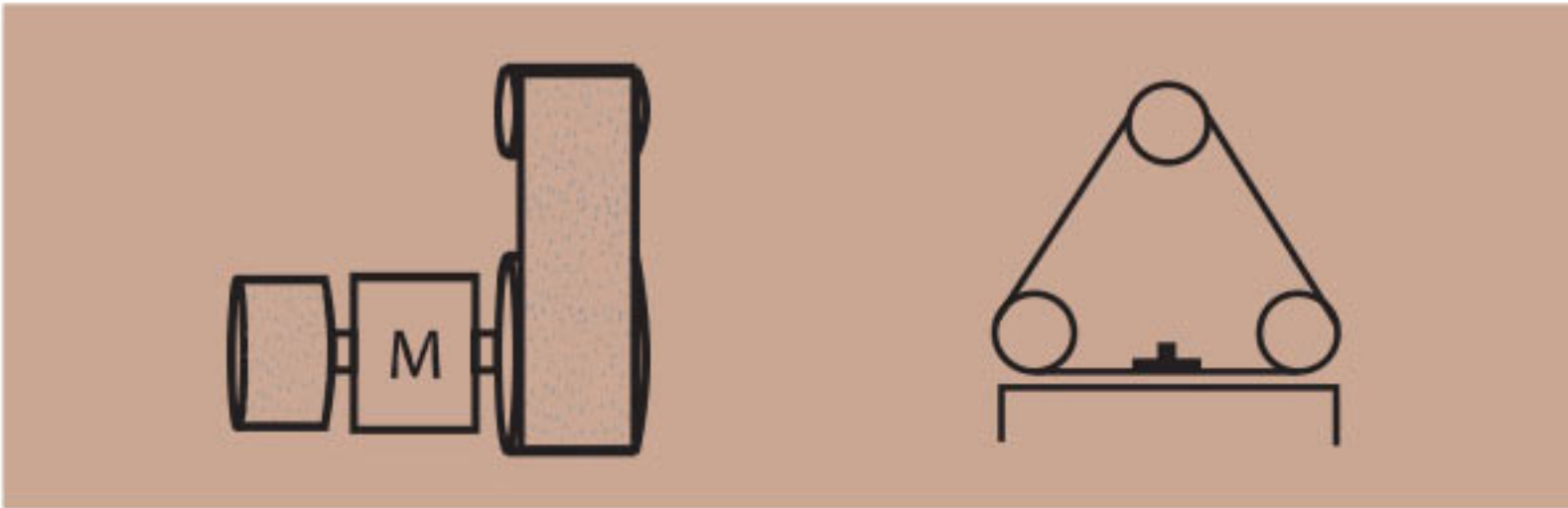
K35F

- Flexible for edge sanding of contour shaped wood
- Mainly used for stroke sander
- Also used for pump sleeve and sponge sander



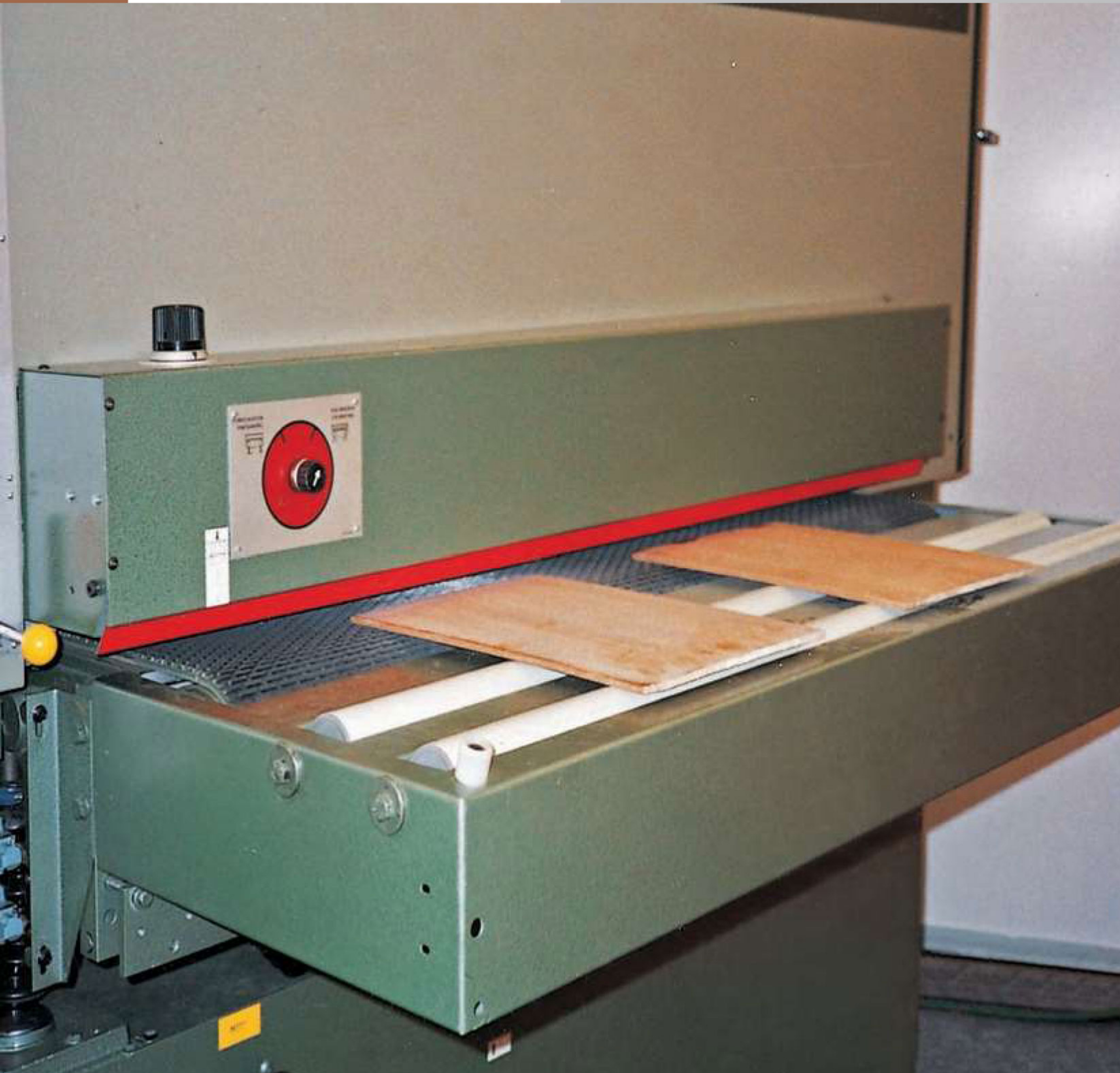
R321

- Flexibility between K35 and K35F
- For edge sanding of contour shaped wood
- Mainly used for stroke sander
- Also used for pump sleeve and sponge sander

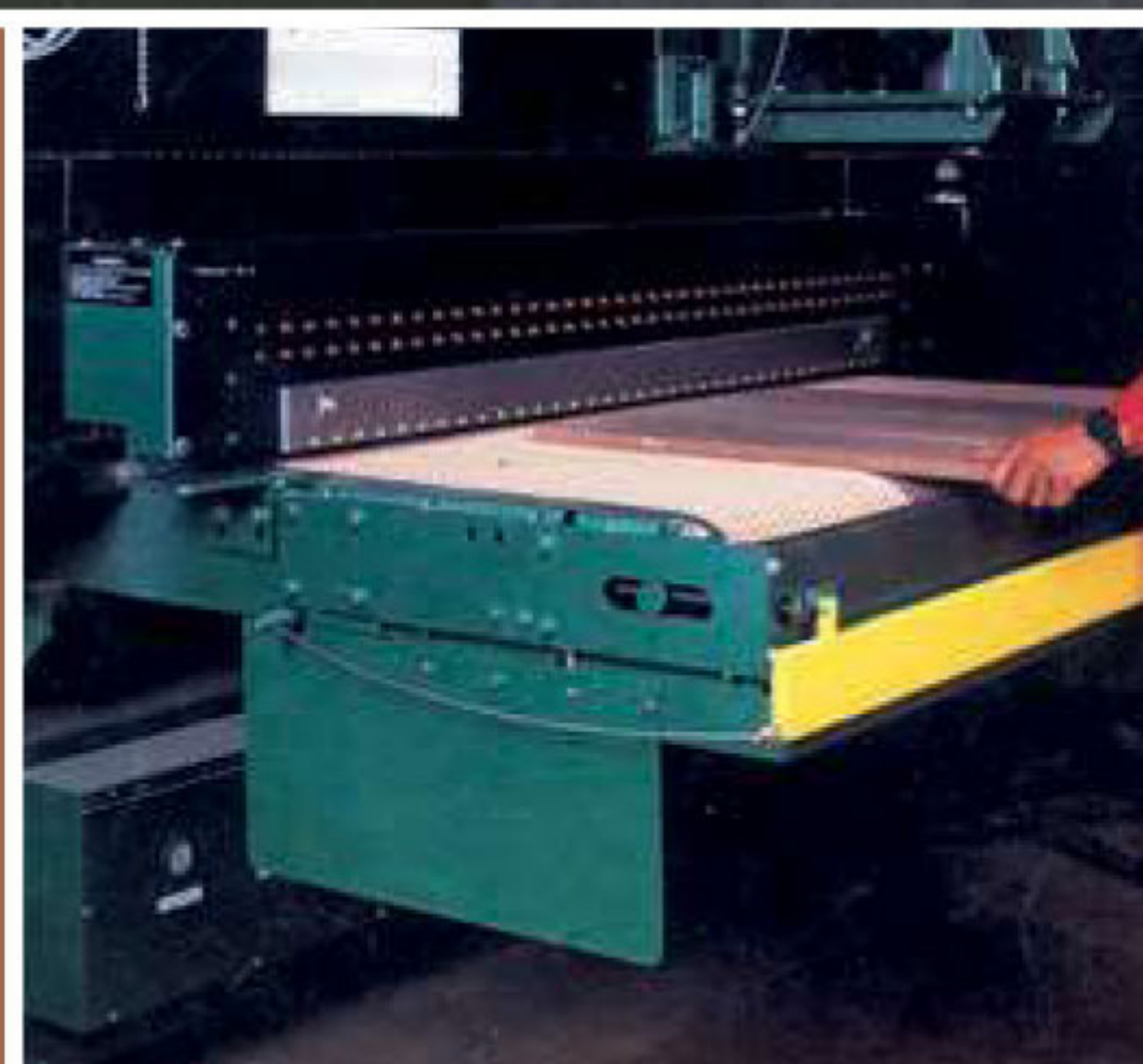


Aluminum Oxide Product For Wood Working

K35 / W25



- Durable and long lasting
- High cut rate
- Heat resistant and non-loading
- Firm mineral foundation



Sunmight

Aluminum Oxide Product For Wood Working

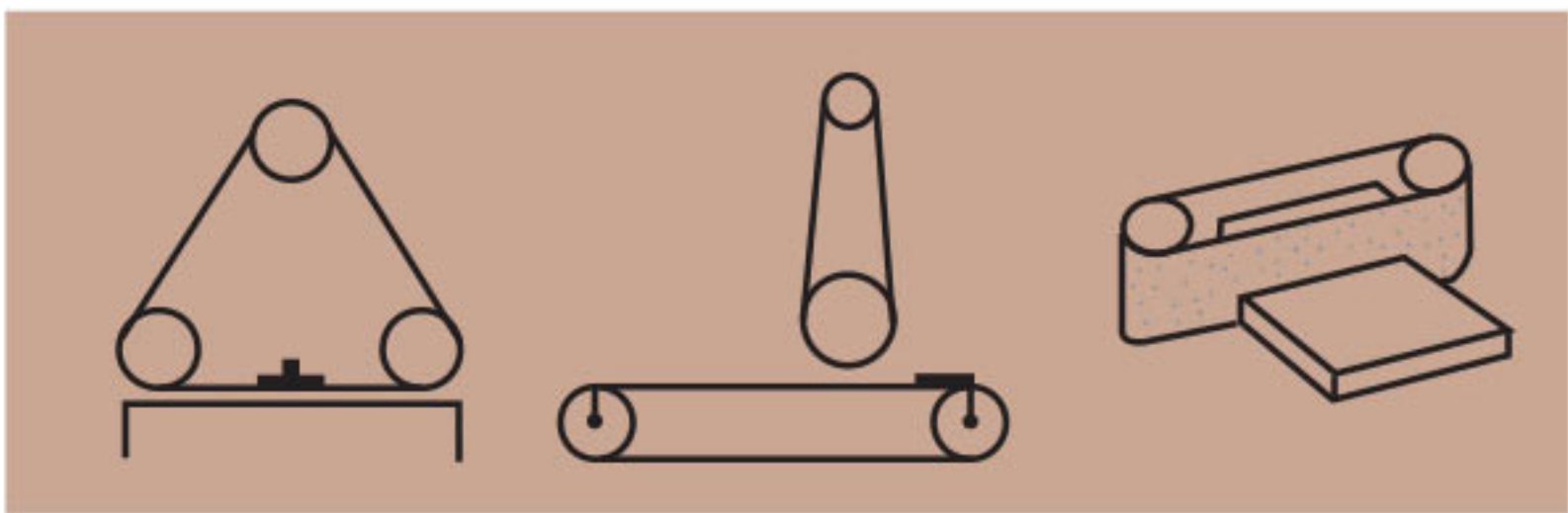
W-02

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																			TYPES						
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC	SHEET
K35	AA	X	OPEN	1,350	▲	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	✓	
W25	AA	Y	OPEN	1,350		●	●	●	●	●	●	●	●	●	●	▲	▲	●		▲		●					✓	✓		

● Standard Grits
▲ Non Standard Grits

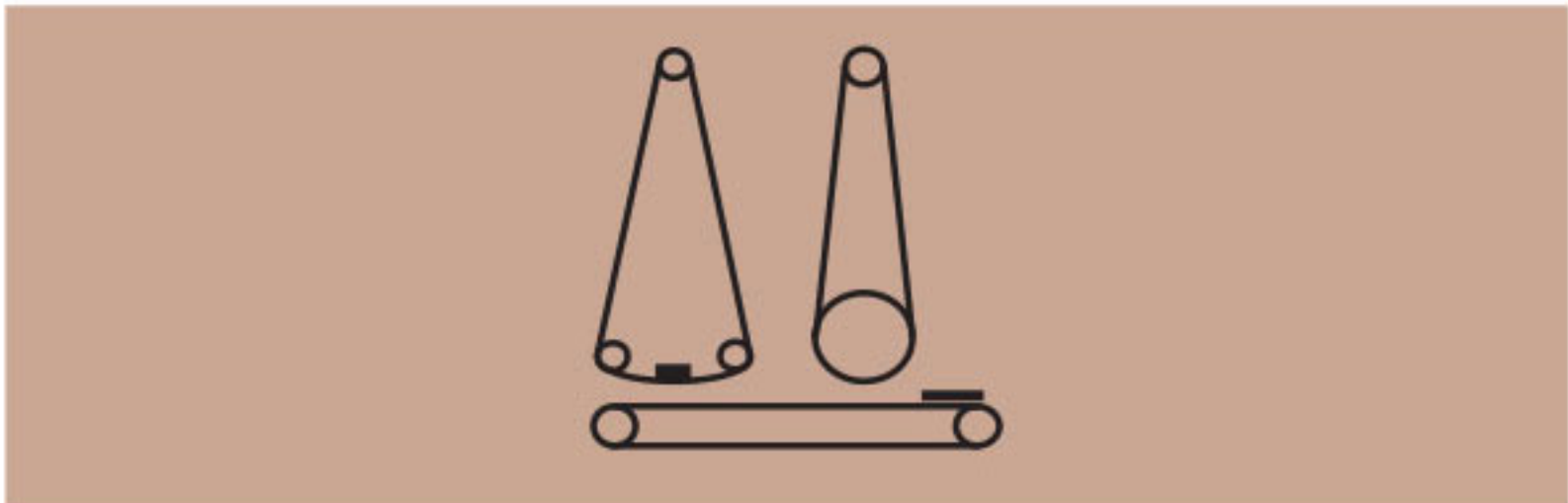
K35

- For portable, edge, stroke sander and wide belt
- Used for sanding furniture, musical instruments, mosaic wooden panels, pine tree and painted surfaces
- Suitable for soft and medium wood sanding



W25

- For flat sanding at high speed
- Used for plywood & mosaic wooden panel
- Mainly for wide belt
- Durable and washable



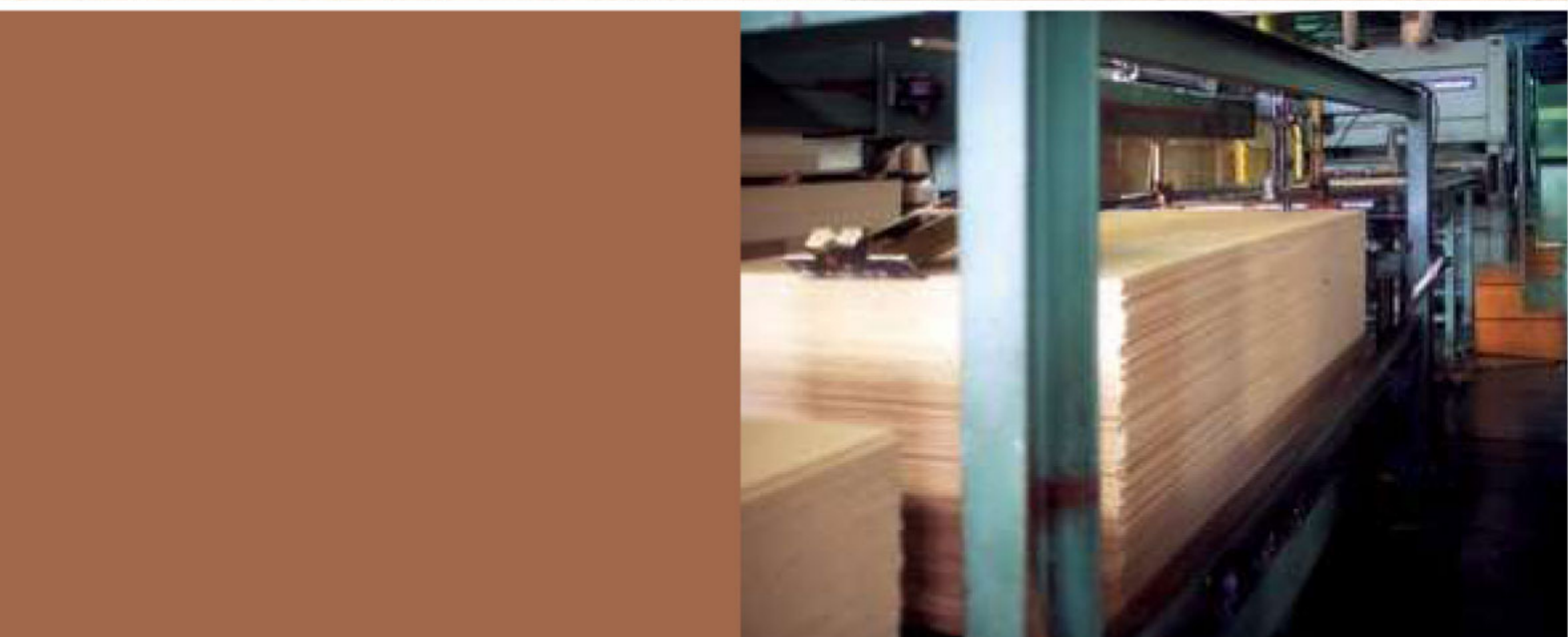
Particle Board / M.D.F

One-spliced & Segmented Belt

S27 / P549 / U549 / B549 / P548W



- For one-spliced belt, the available width is up to 1700 mm
- For segmented belt, the width over 1750 mm is manufactured with 2 to 3 seams
- G-wt paper, Y-wt cloth and combination products are available



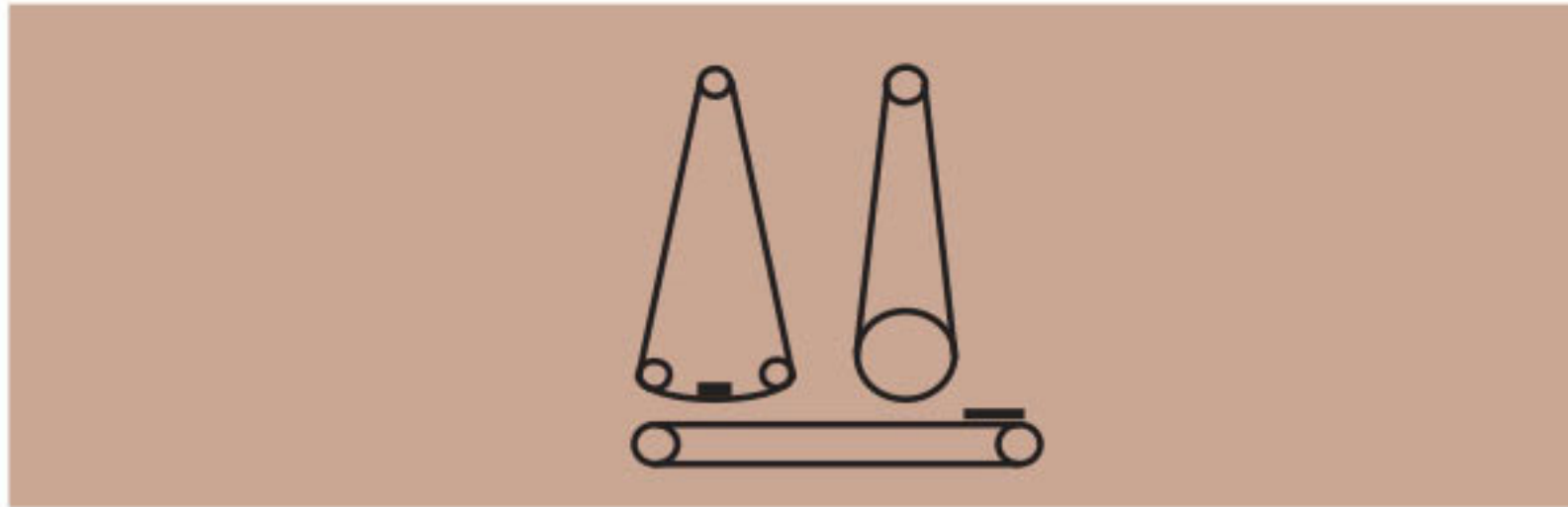
One-spliced & Segmented Belt Particle Board / M.D.F

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																		TYPES							
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC	SHEET
S27	SiC	X 100%PE	CLOSE	1,380		▲	●	●	●	●	●	●	●	●	●	▲											✓			
P549	SiC	Y 100%PE	CLOSE	1,480 1,680		●	▲	●	▲	●	●	●	●	●	●												✓			
U549	SiC	Combination	CLOSE	1,480 1,680			●	▲	▲	●	●	●	●	●	●												✓			
B549	SiC	G paper	CLOSE	1,700						●	●	●	●	●	●	●											✓			
P548W	SiC	Y	CLOSE	1,730			▲	●	●	●	●	●	●	▲	●												✓			

● Standard Grits
▲ Non Standard Grits

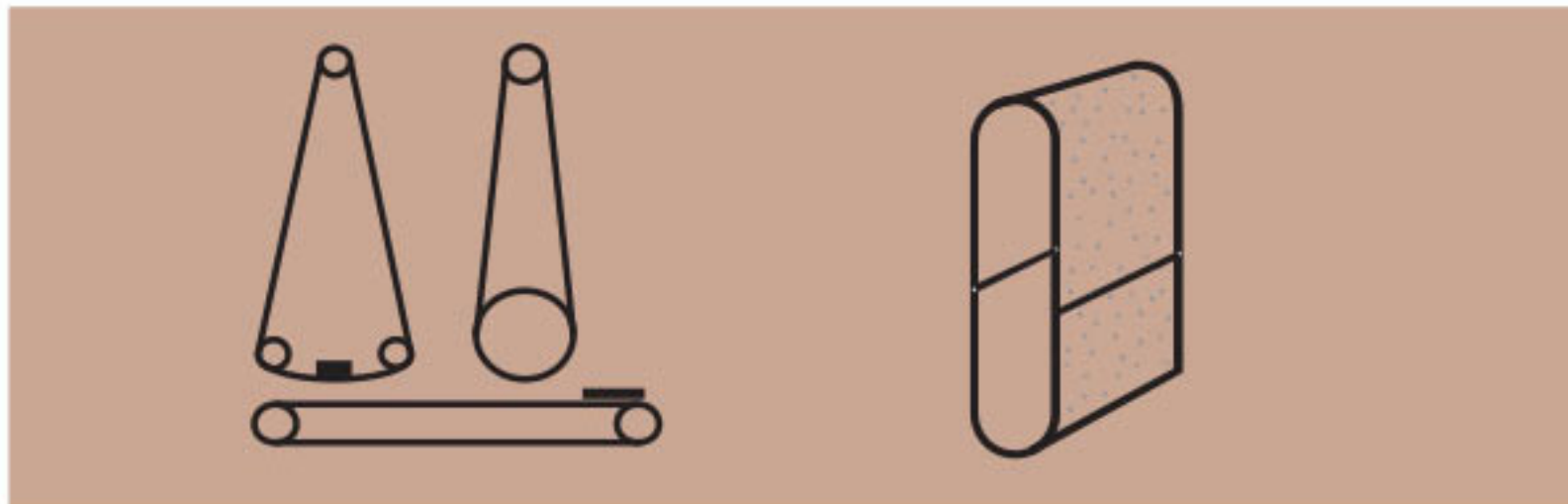
S27

- For one-spliced belt use, with width less than 1380 mm
- Used for particle board, M.D.F. and hard board sanding
- 100% Polyester Cloth product



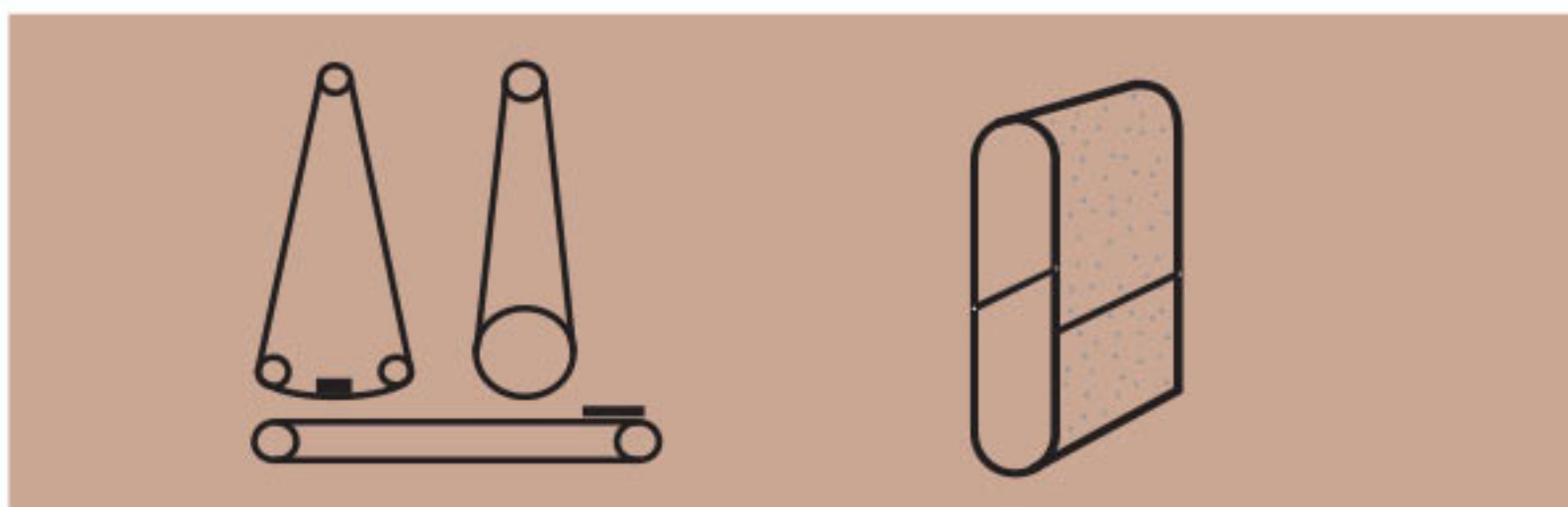
P549

- For segmented belt use, with width over 1750mm manufactured with 2 to 3 seams
- Used for particle board and M.D.F.
- 100% Polyester Cloth product.



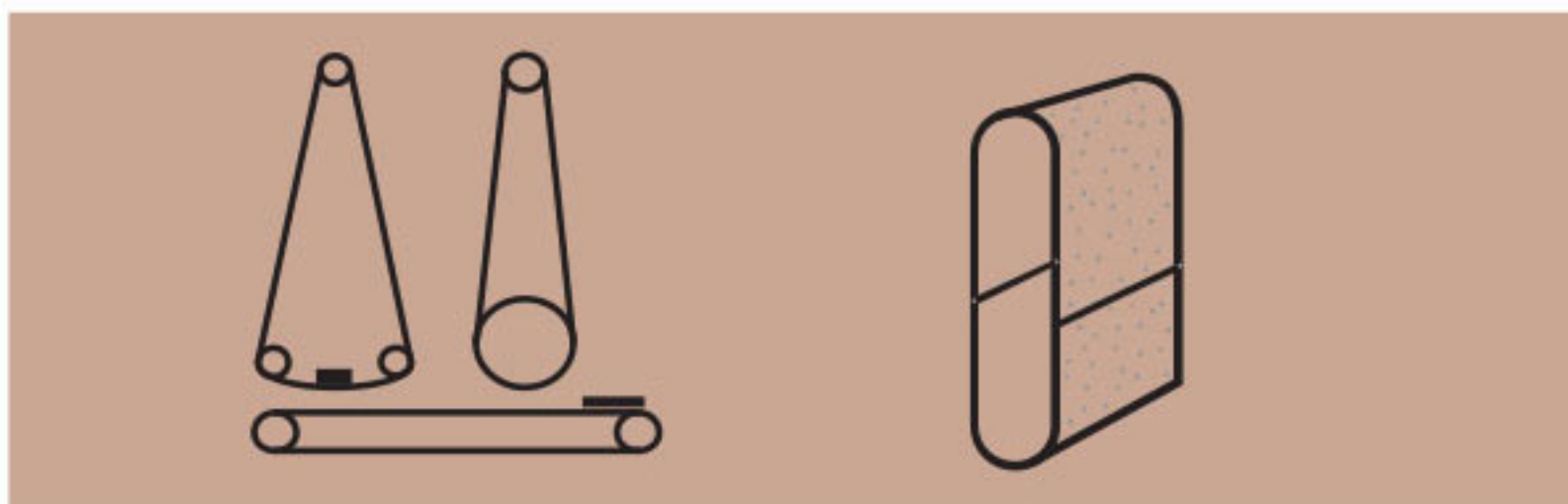
U549

- For segmented belt use, with width over 1750mm manufactured with 2 to 3 seams
- Used for particle board and M.D.F.
- Cloth and paper combination product



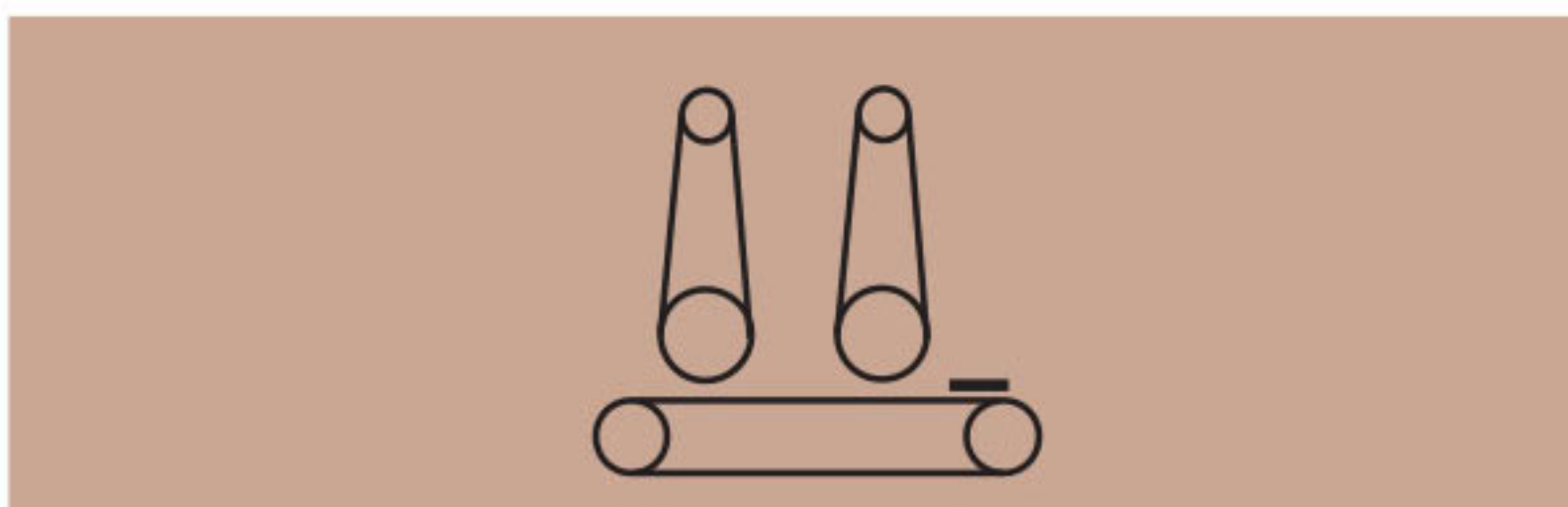
B549

- For both one-spiced belt and segmented belt use.
- Suitable for light sanding
- G-wt paper product



P548W

- For one-spliced belt use, with width between 1380mm and 1700mm
- Used for particle board and M.D.F.
- 100% Polyester Cloth product



* All above products have antistatic treated backing

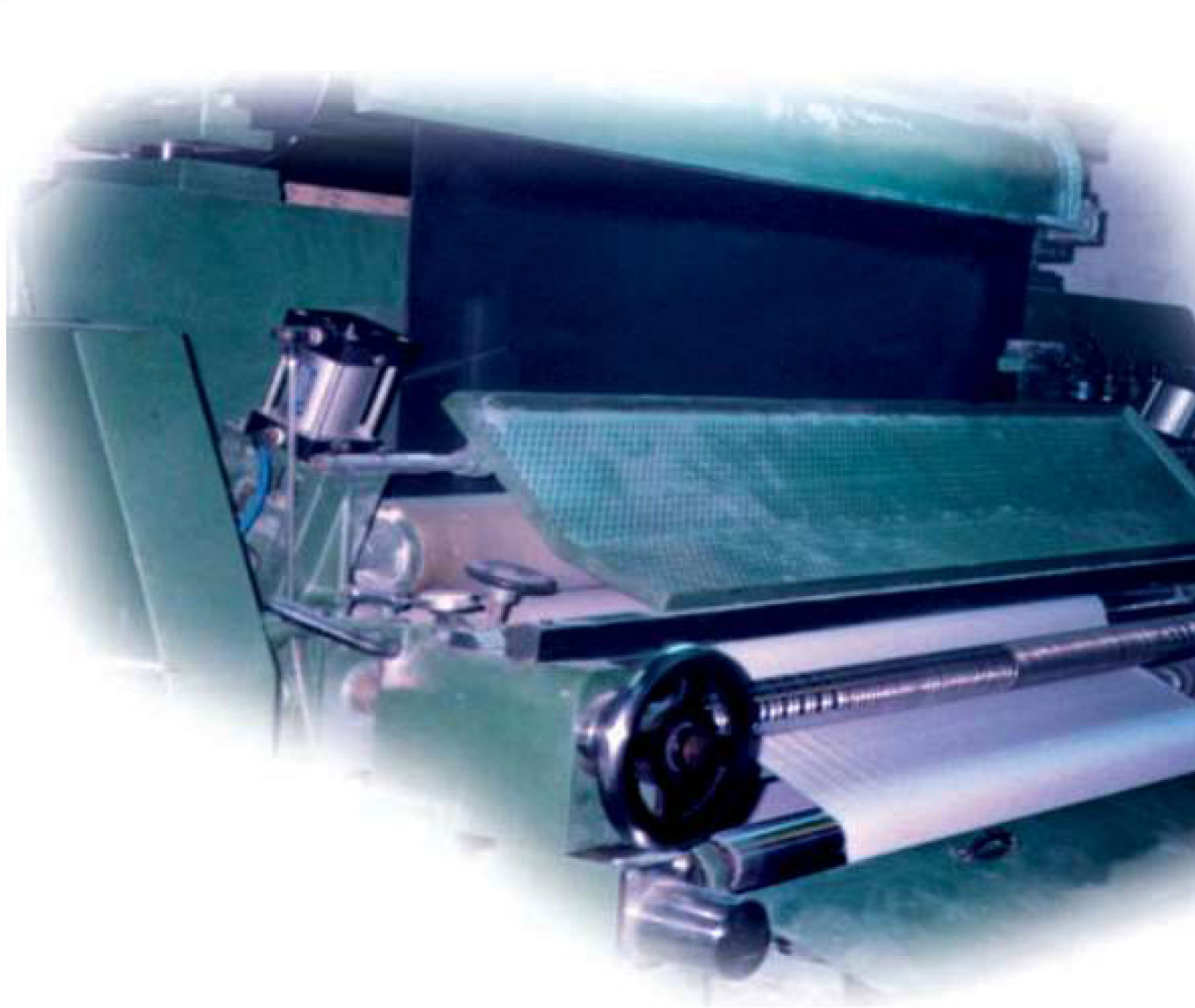


E & Fwt Silicon Carbide Paper Product

B546 / B547 / B547W / B546T



- For painted surface, textile and leather.
- Wide belt available in width of up to 165mm with one splice



E & Fwt Silicon Carbide Paper Product

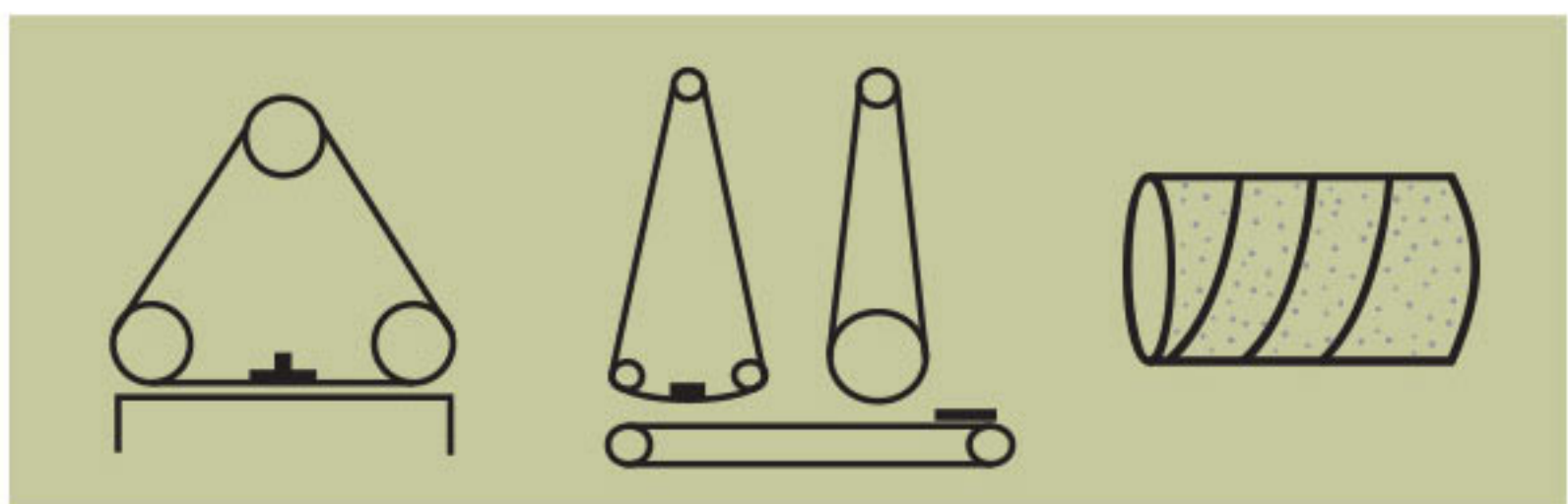
E-04

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																			TYPES				
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL
B546	SiC	E	CLOSE	1,350			●	●	●	●	●	●	●	●	●	●	●	▲	●	●	●	●			✓	✓	✓	
B547	SiC	F	CLOSE	1,350			●	●	●	●	●	●	●	●	●	●	●	▲	●	●	●	●			✓	✓	✓	
B547W	SiC	E	CLOSE	1,680			▲	▲	▲	▲	▲	▲	●	●		●	●	▲	●	●	●	●			✓			
B546T	SiC	F	CLOSE	1,350											▲	▲	▲	●	▲	●	●	●			✓		✓	

● Standard Grits
▲ Non Standard Grits

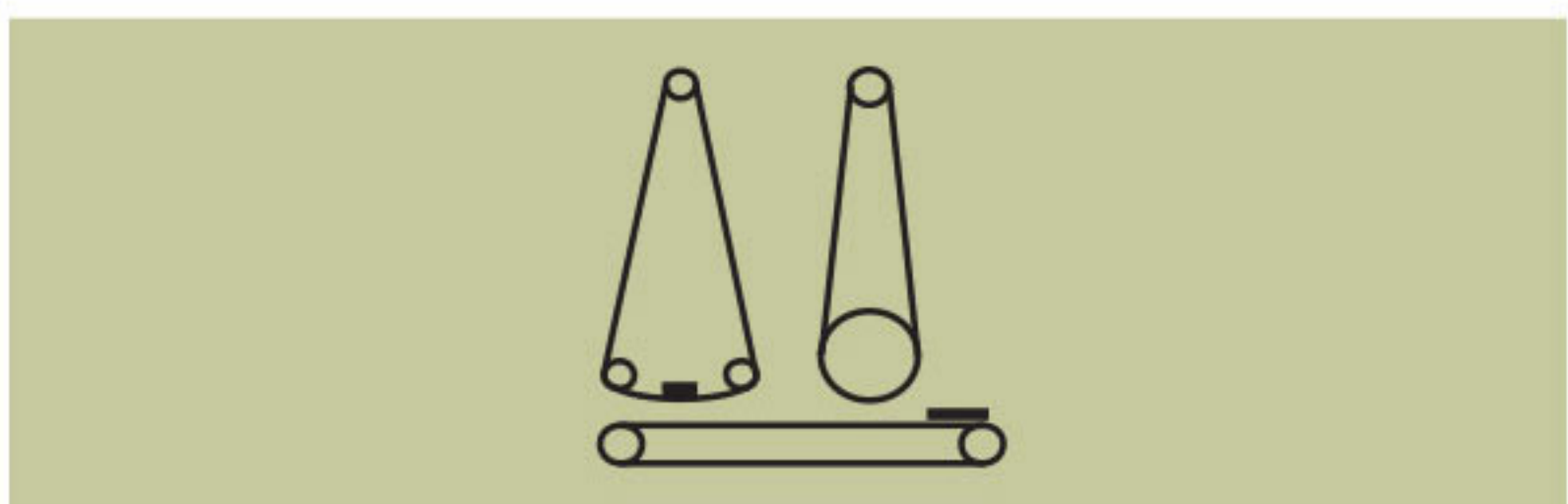
B546 / B547

- For painted surface, textile & leather
- Trimmed 1420mm and untrimmed 1450mm in widths are available on customer's demand



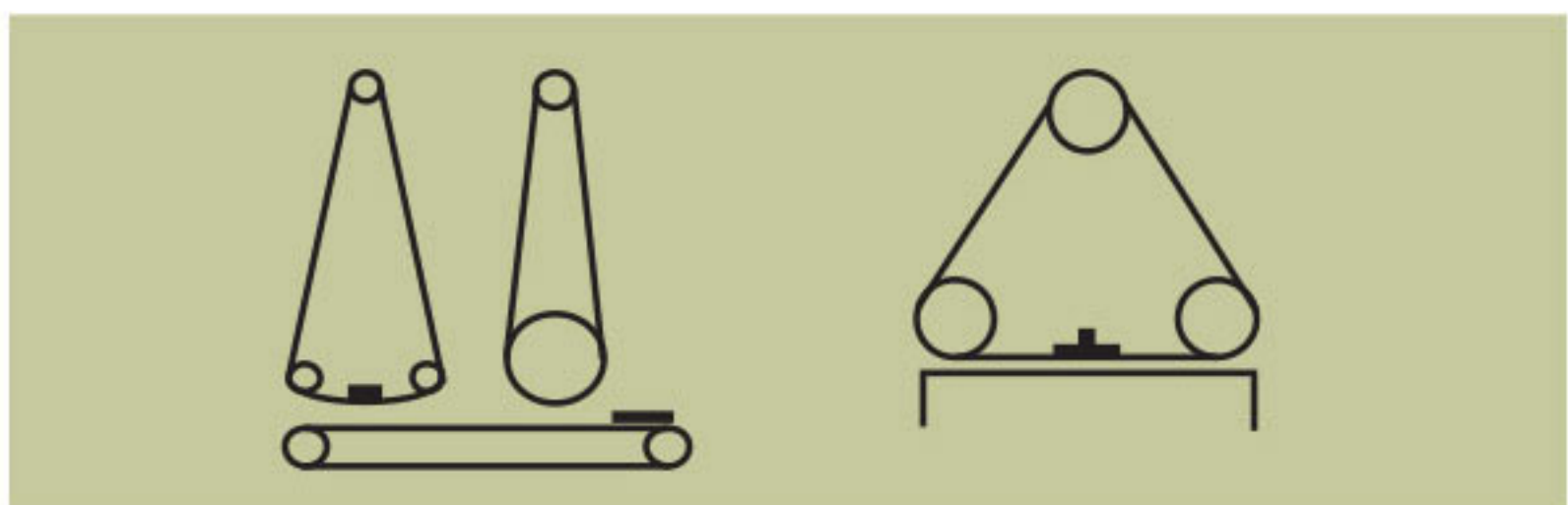
B547W

- Same B547 product with 1680mm width.
- For painted surface, textile & leather
- Available in wide belt in width of up to 1650mm with one splice



B546T

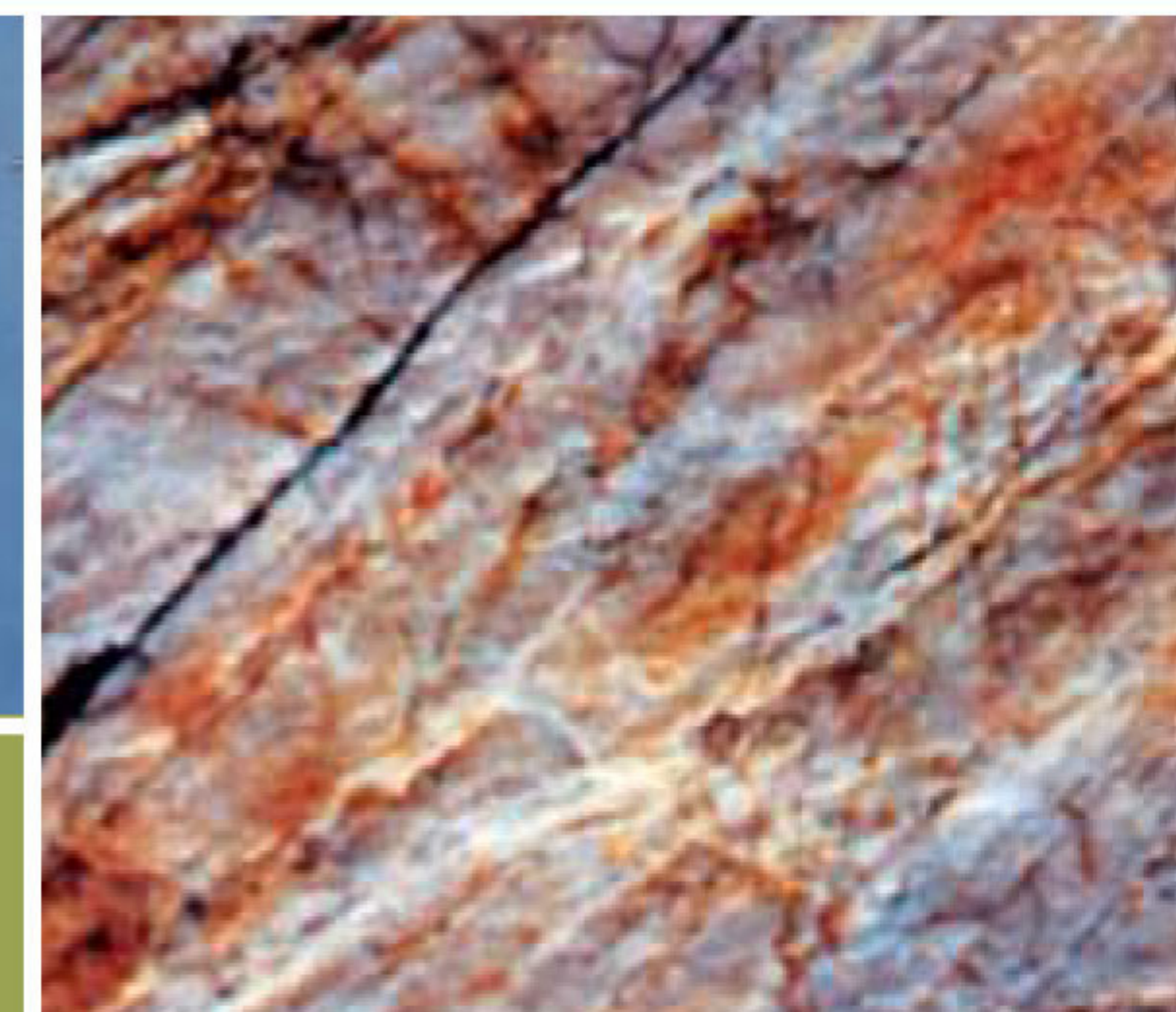
- B546 with special top coating
- For finishing painted surface of furniture and musical instruments
- Trimmed 1420mm and untrimmed 1450mm in widths are available on customer's demand



Sunmight

Y-wt Silicon Carbide Product For Glass, Tile & Nonferrous Metal

S181



- For glass, marble and stone
- 100 % polyester Y-wt stiff backing

Y-wt Silicon Carbide Product For Glass, Tile & Nonferrous Metal

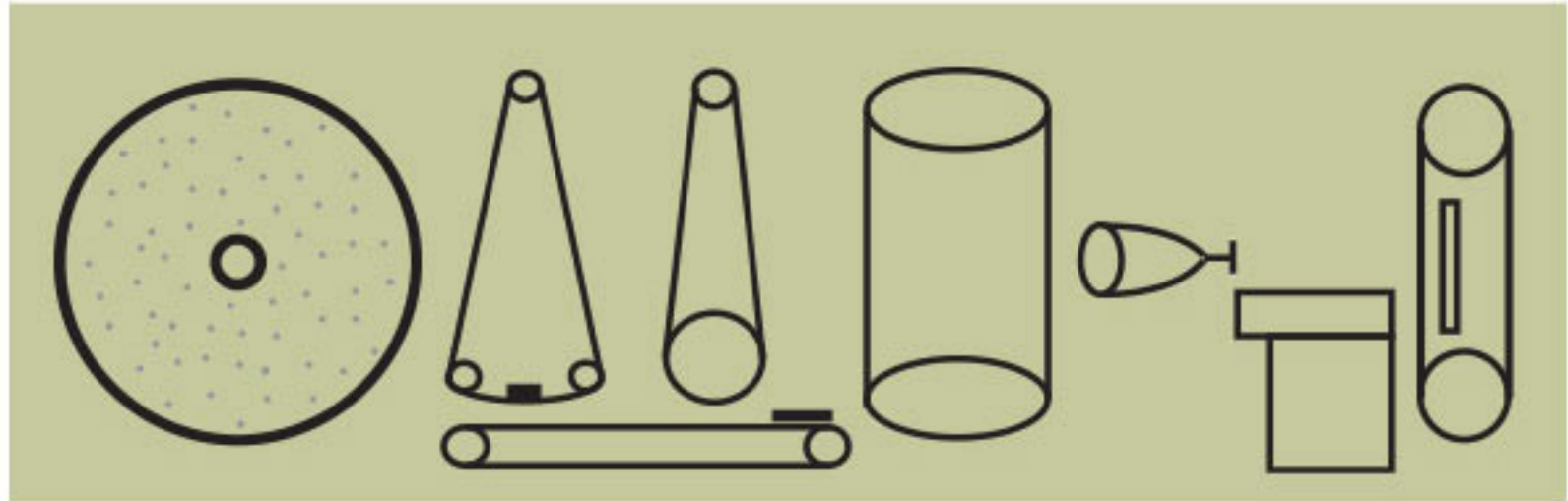
E-01

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																		TYPES						
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC
S181	SiC	X,Y 100%PE	CLOSE	1,350		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	▲	●	●	▲		✓		✓	

● Standard Grits
▲ Non Standard Grits

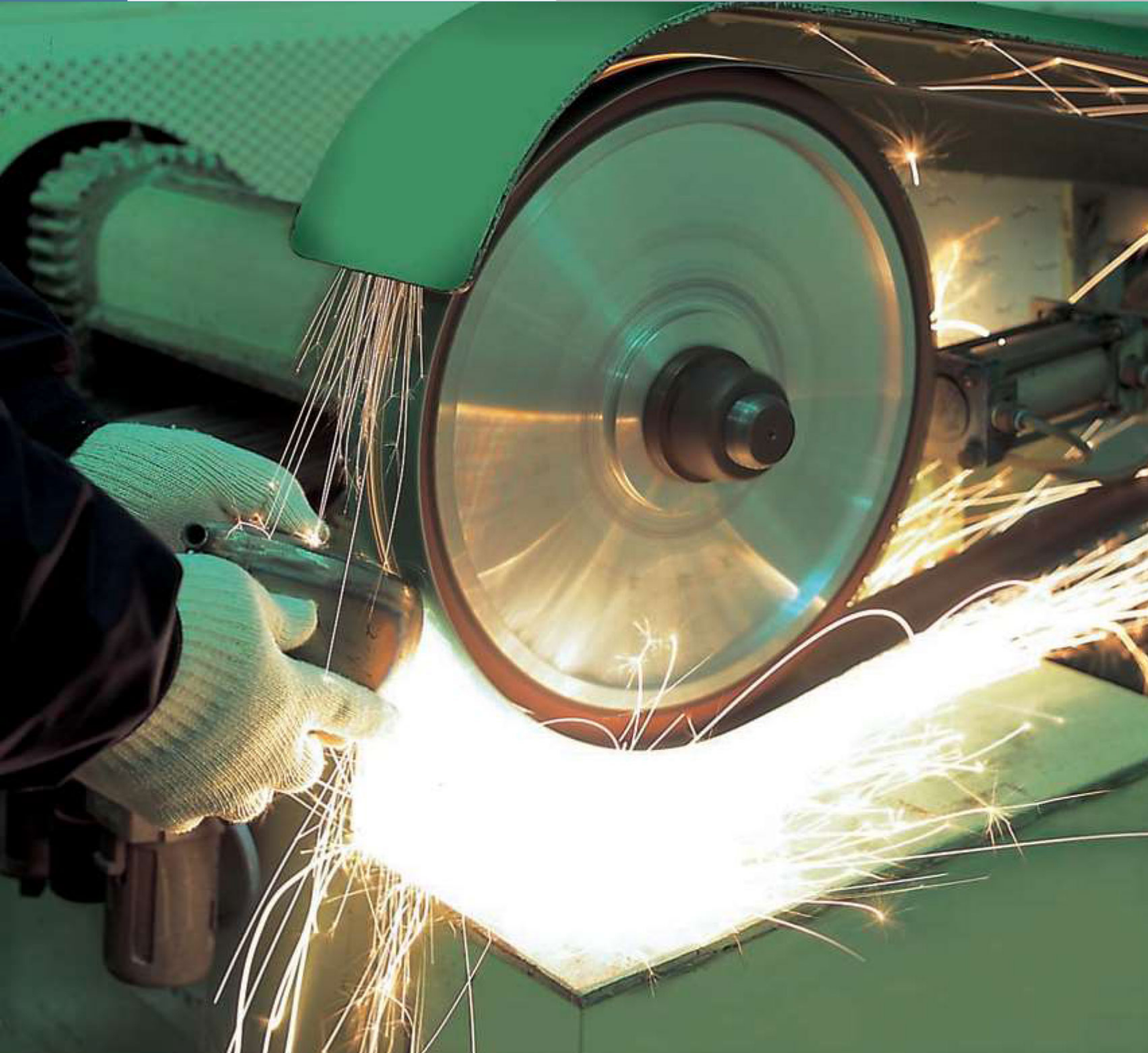
S181

- Used for glass edge, asbestos, ceramic, artificial stone, cement, nonferrous metal, titanium and stainless steel
- For both wet and dry sanding
- 100% polyester cloth
- Waterproof



Alumina Zirconia Product Y-wt Polyester Cloth

R205 / R203



High cutting performance

- Weld removal on sinks and tanks
- Stainless steel golf club shaping
- Stainless steel cutlery grinding
- Gate removal on precision castings
- Grinding turbine blades



Sunmight

Alumina Zirconia Product

Y-wt Polyester Cloth

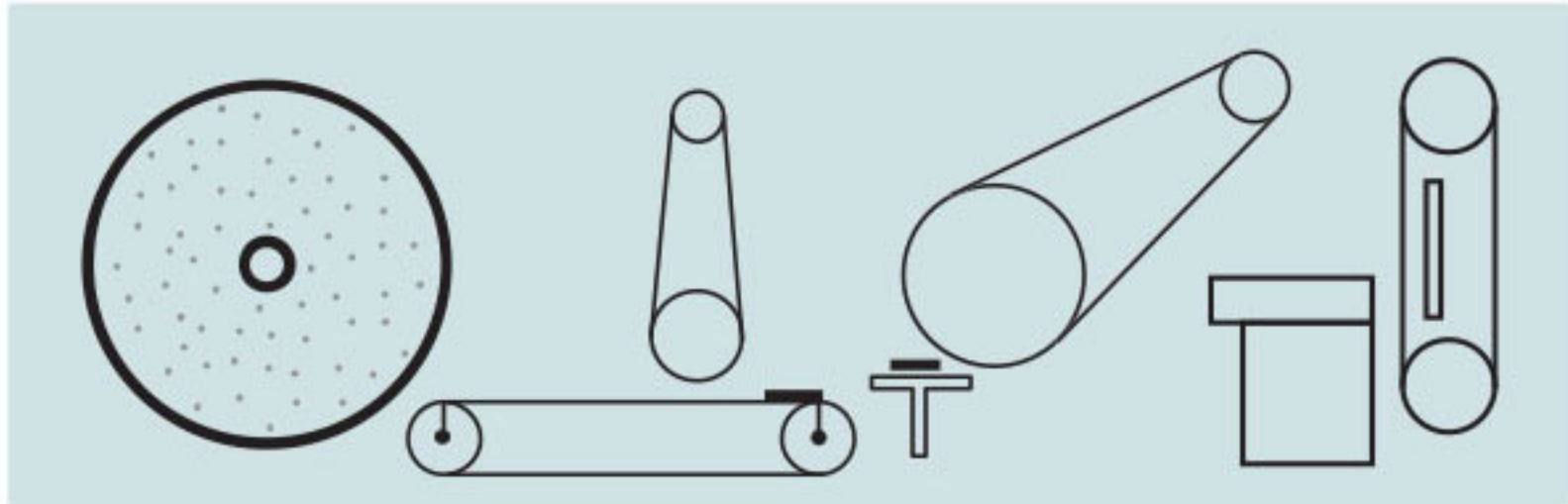
M-03

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																				TYPES				
					P16	P24	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	BELT	ROLL	DISC
R205	AZ	Y 100% PE	CLOSE	1,350		●	●	●	●	●	●	●	▲	▲	▲											✓		✓	
R203	AZ	Y 100% PE	CLOSE	1,350		●	●	●	●	●	●	●	▲	▲	▲											✓		✓	

● Standard Grits
▲ Non Standard Grits

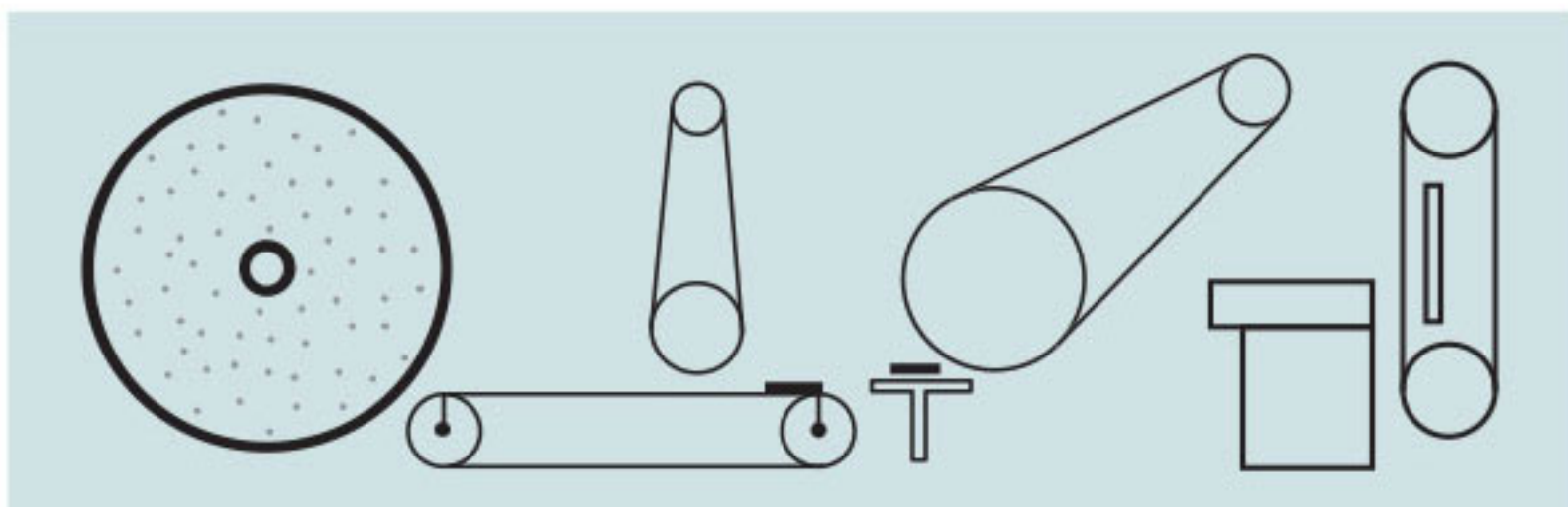
R205

- Used for cast iron, nickel alloy and stainless steel
- For heavy grinding
- High cutting performance
- Wet and dry sanding



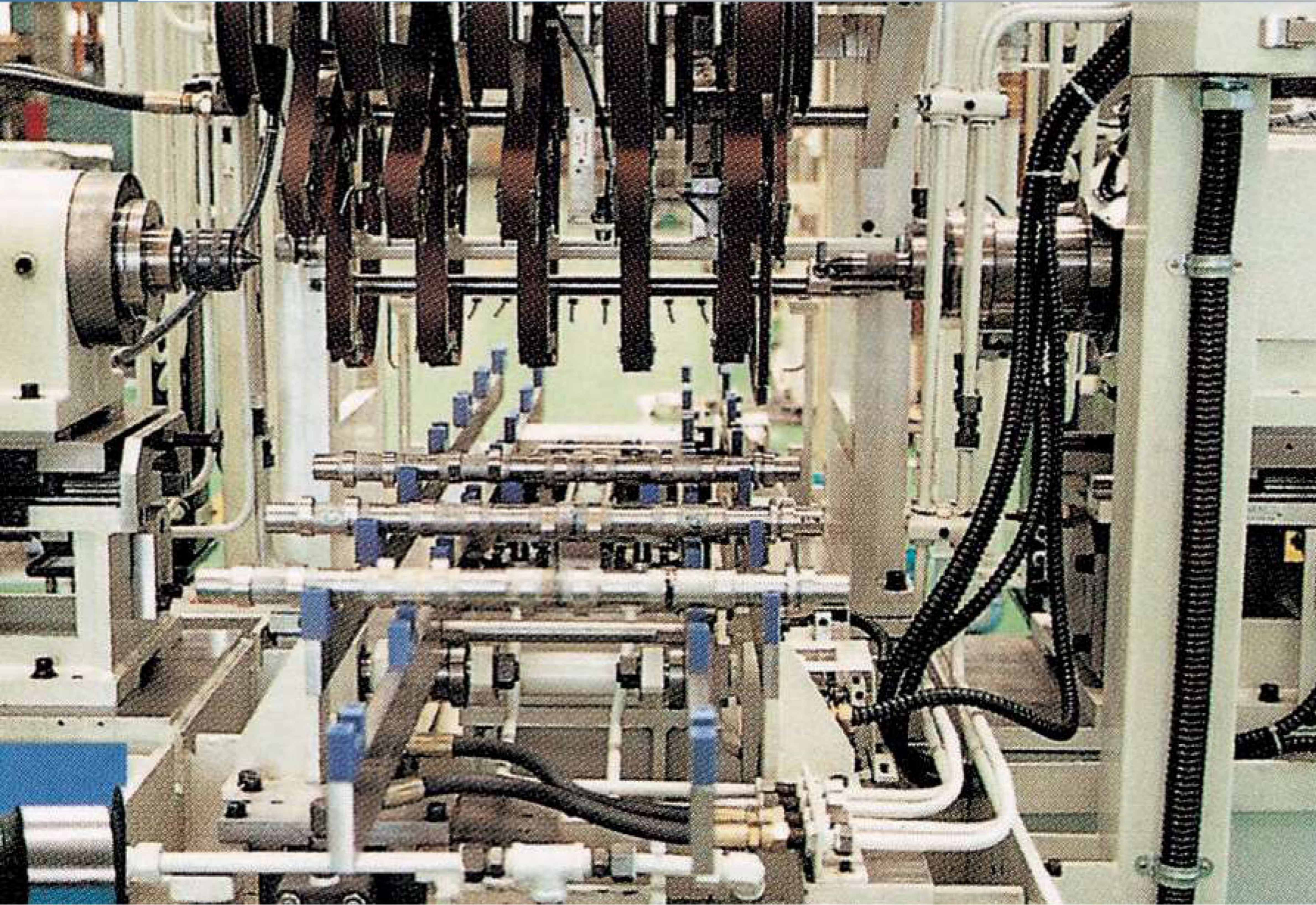
R203

- R205 with super size coating
- Used for fast cut on stainless steel, aluminum, nickel alloy, tool steel, etc
- For heavy grinding
- High cutting performance
- Heat resistant due to super size coating
- Dry sanding

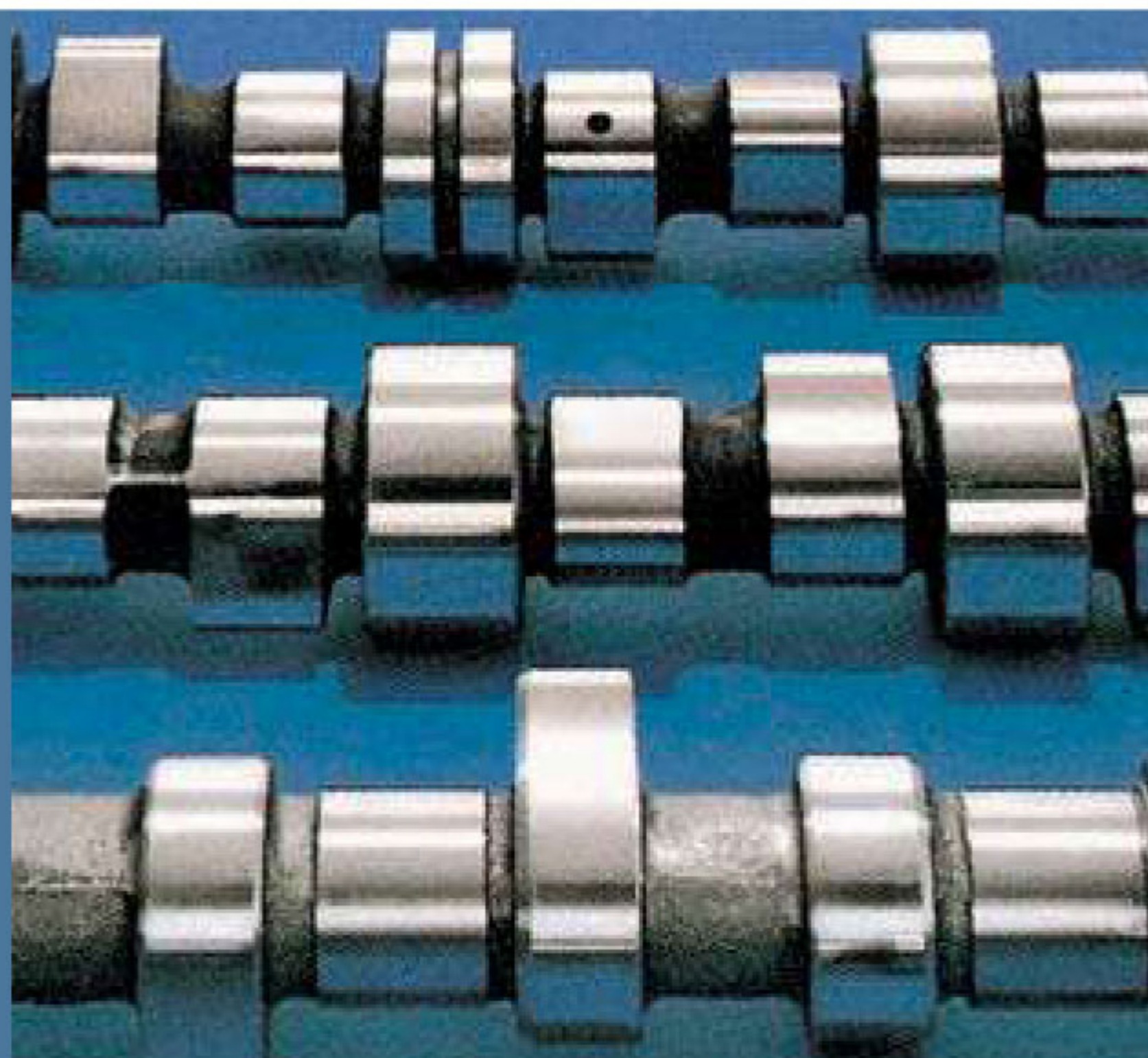
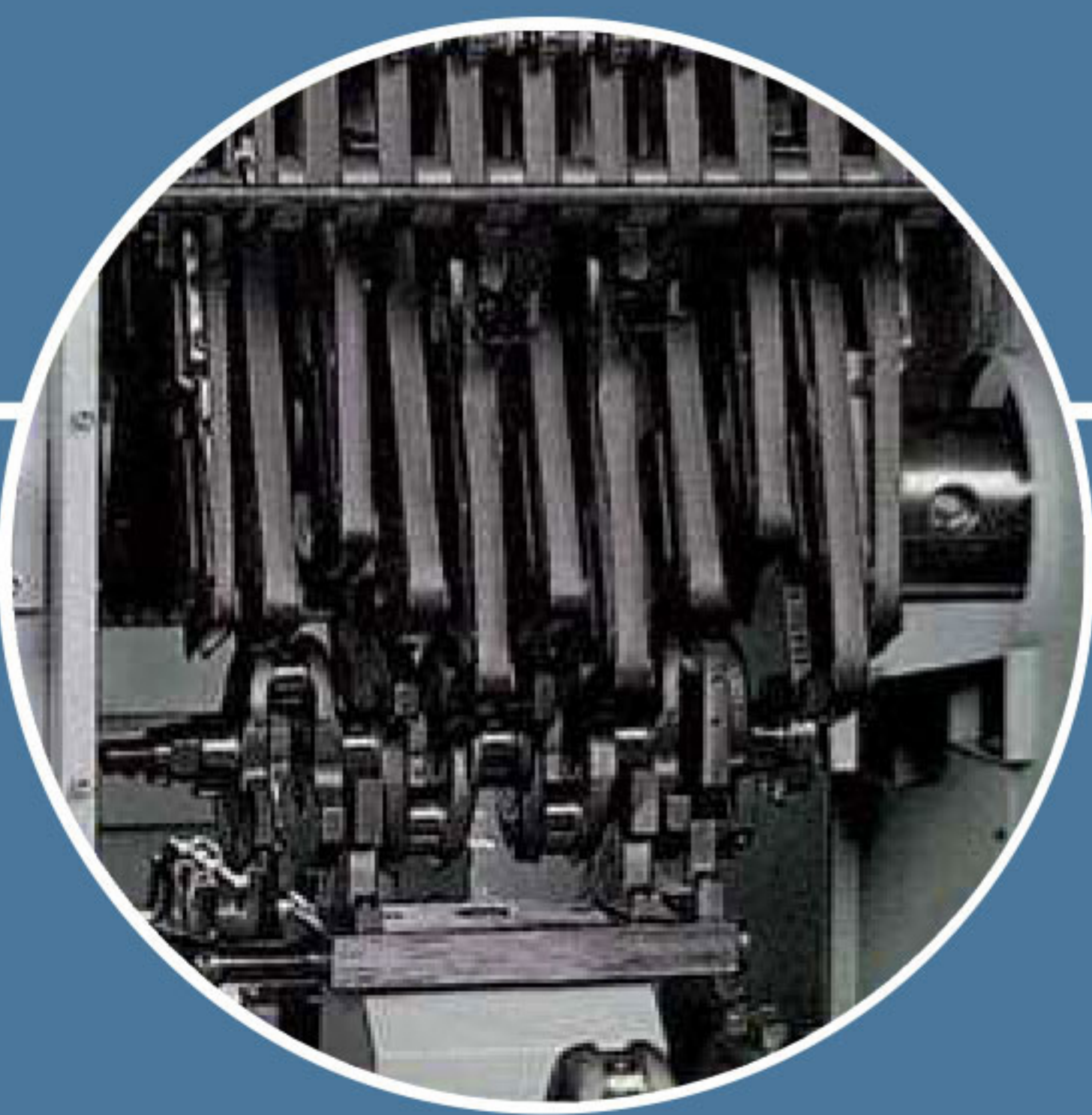


Film Product For Micro Finishing

L337



- Crankshaft and camshaft finishing
- Precise and high quality finishing
- Excellent sanding performance and durability



Sunmight

Film Product For Micro Finishing

M-07

ITEM	MINERAL	BACKING	COATING	WIDTH (mm)	MAJOR GRIT																		TYPES								
					P36	P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P360	P400	P500	P600	P800	P1000	P1200	P1500	P2000	BELT	ROLL	DISC	SHEET	
L337	AA	FILM	CLOSE	1,170															▲			●	●	●		●	●	✓	✓	✓	

● Standard Grits
▲ Non Standard Grits

L337

- Mainly for crankshaft and camshaft
- Also used for transmission, bearing, textile, tile and P.V.C. panel
- Use for wet and dry sanding
- Aluminum oxide product in film backing

