



The Ultimate Board Surface Finishing Experience

**Abrasive Product Guide
for Board Market**



Sunmicht

History of **SUN Abrasives Co., Ltd.**

A leading company in a new millennium

Sun Abrasives Co., Ltd. was established in 1961 to develop the coated abrasive industry in Korea to produce the best quality abrasive products in the world. We have been developing new products and making quality improvements through continuous investment in R&D.

We believe that we have contributed to the development of domestic coated abrasive industry and our products are recognized to be competitive in the overseas market to keep abreast with the world-famous coated abrasive manufacturers. And we are exporting our products to U.S.A., Japan, European and Southeast Asian Countries and are enjoying a good reputation.

- 1961** Jun | **KOREA ABRASIVES CO., Ltd** established in Seoul City
- 1970** Jun | **SUN ABRASIVES CO., Ltd** established in Buchon City
- 1988** Jan | **SUN ABRASIVES CO., Ltd** Incorporated
Jul | Joint Venture Agreement with **3M U.S.A**
Sep | New Plant in Ansan-City Ground Breaking
- 1990** Dec | **No. 1 Maker, Cloth Treater & Other Facilities** The Construction Completed
- 1996** Mar | **No. 2 Maker** The Construction Completed
- 1997** Jun | **ISO 9002** Authentication
- 2002** Jan | **New Plant in Pyungtek-City** Construction
- 2005** Apr | **SUNMIGHT U.S.A** established in U.S.A



Company Profile

- **Company Name** : SUN ABRASIVES CO., Ltd.
- **Trade Mark** : SUNMIGHT®
- **Headquarters** : Ansan-City, Kyonggi-Do, Korea
- **Product** : Coated Abrasives - Cloth, Paper & Film

Company Policy

- **SUPPLY THE BEST QUALITY TO WORLDWIDE MARKETS**
 - Continuous quality improvement
 - New product development through technical knowledge & experience
- **SELL THE BEST PRODUCTS AT COMPETITIVE PRICES**
 - Offering competitive prices through productivity improvement
 - Customer satisfaction guaranteed with competitive prices
- **PROVIDE THE BEST SERVICE TO OUR CUSTOMERS**
 - Developing a fast delivery system
 - Providing excellent technical support
 - Introducing new technologies



Introduction of Products

Segmented Belt

Over 68" wide with 2 or 3 splices

P549

- Grain Type : Silicon Carbide
- Backing : Y-wt 100% Polyester Cloth
- Application : Particle Board, MDF, HDF
- Width : Up to 130 inch belt width
- Characteristic :
Suitable for Calibrating, Medium, and Fine Sanding
 High durability from 100% polyester backing
 Optimized for balanced performance
 Resistance against temperature & humidity
 Antistatic

Segmented Belt - P 549



U549

- Grain Type : Silicon Carbide
- Backing : Paper + Cloth Combination
- Application : Particle Board, MDF, HDF
- Width : Up to 130 inch belt width
- Characteristic :
Suitable for Calibrating, Medium, and Fine Sanding
 Light weight easy to handle
 Graphite pad lasts longer
 Antistatic

Segmented Belt - U 549



B549

- Grain Type : Silicon Carbide
- Backing : G-wt Paper
- Application : Particle Board, MDF, HDF
- Width : Up to 130 inch belt width
- Characteristic :
Suitable for Fine Sanding
 Heavy weight paper
 Good for finer finish product or where frequent belt replacement is required
 Graphite pad lasts longer
 Antistatic

Segmented Belt - B 549



Item	24	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400
P549	•	•	•	•	•	•	•	•	•	•						
U549			•	•	•	•	•	•	•	•						
B549					•	•	•	•	•	•	•					

* Other grits are available per customer request

Extra Wide Belt

From 54" to 67" wide with 1 splice

P548W

- Grain Type : Silicon Carbide
- Backing : Y-wt cloth
- Application : Particle board, MDF, HDF, Plywood
- Characteristic :
 - Suitable for Calibrating, Medium, and Fine Sanding**
 - High cutting performance with even surface finishing
 - Longer life-cycle with high durability
 - Optimized for balanced performance
 - Antistatic

Extra Wide Belt - P548W



P656W

- Grain Type : Alumina Zirconia
- Backing : Y-wt Polyester cloth
- Application : Particle board, MDF, HDF
- Characteristic :
 - Suitable for Calibrating sanding**
 - Fast cut, long life
 - High cutting performance
 - Antistatic

Extra Wide Belt - P656W



B547W

- Grain Type : Silicon Carbide
- Backing : F-wt Paper
- Application : White Wood , Floor, Painted surface
Stainless Steel
- Characteristic :
 - Suitable for Medium, and Fine Sanding**
 - Delicate sine lock joint leaves no chatter marks
 - Antistatic

Extra Wide Belt - B547W



Item	24	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400
P548W	•	•	•	•	•	•	•	•	•	•	•					
B547W						•	•	•	•	•	•	•	•	•		•
P656W	•	•	•	•	•											

* Other grits are available per customer request

Introduction of Products

Wide Belt

Up to 53" wide with one splice

S27

Grain Type : Silicon Carbide
 Backing : Y-wt 100% polyester cloth
 Application : Particle Board, MDF, HDF
 Characteristic :
Suitable for Calibrating, Medium, and Fine Sanding
 Higher cutting performance
 Even surface finishing
 High durability from 100% polyester backing
 Antistatic

Wide Belt - S 27



W25

Grain Type : Aluminum Oxide
 Backing : Y-wt Cloth
 Application : Plywood, Solid wood
 Characteristic :
Suitable for Calibrating, Medium, and Fine Sanding
 Fast cutting performance and better durability
 Longer lasting durable backing
 Washable for reuse

Wide Belt - W 25



R205

Grain Type : Alumina Zirconia
 Backing : Y-wt 100% Polyester
 Application : Particle Board, MDF, Stainless steel, Carbon steel
 Characteristic :
Suitable for Calibrating and Medium Sanding.
 Alumina Zirconia mineral enables higher cutting performance, durability, and longer life-cycle

Wide Belt - R 205



Item	24	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400
S27	•	•	•	•	•	•	•	•	•							
W25		•	•	•	•	•	•	•	•	•	•					
R205	•	•	•	•	•	•	•	•								

* Other grits are available per customer request

The Revolution of Panel Sanding

Sun Abrasives Co., Ltd guarantees top quality products with excellent cutting performance and surface finishing. We provide the best selection of sanding belts for the panel industry - MDF, Particleboard, HW/SW plywood, OSB, Chipboard, Hardwood, etc.

1. Superior cutting performance

- Superior grinding with powerful coarse mineral for panel thickness calibration

2. Excellent surface finish

- Finest finishing with premium grain and administering precise backing surface

3. Most efficient sanding with optimized backing

- Different backing used depending on grain granularity for maximized efficiency (P548W, P549, S27)
- Material designed to resist against the exterior environment - temperature, humidity (U549, B549, B547W)

4. Reduce chatter marks with fewer belt splices

- Can produce maximum 67 inch wide belt with 1 splice
- Can produce maximum 138 inch long segment belt with 2 splices





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