Product Guide for the

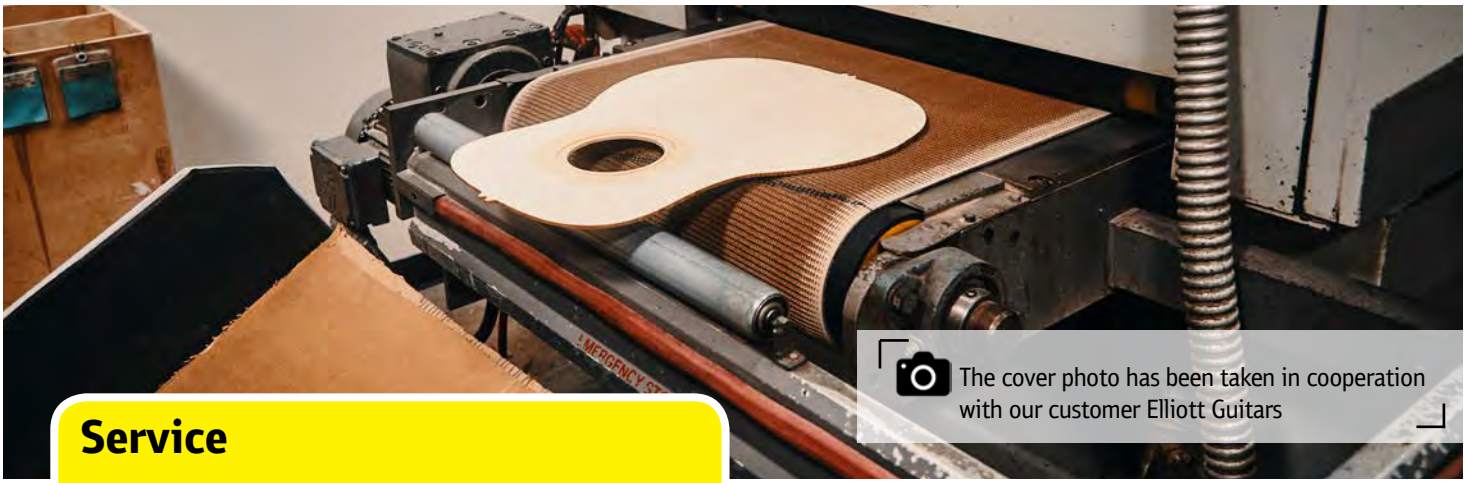
Music Industry

KLINGSPOR

SurfacePrep

Company

KLINGSPOR is a manufacturer of sanding and grinding products for over 125 years.
The US headquarters in North Carolina offers high quality products for industrial applications including more than 50,000 tools for all your cutting, grinding, polishing and stock removal jobs no matter which material you are working on.



The cover photo has been taken in cooperation with our customer Elliott Guitars

Service

You will realize superior value with our great product line, a team of technical specialists and our factory-trained sales representatives all over the US.
Our knowledge of various industrial applications allows us to find the perfect product for your application.
KLINGSPOR is the leader in on-time error-free delivery, shipping 99% of its orders within 24 hours.
This helps you to control your inventory levels, reduce costs and ultimately gain peace of mind and faith in your abrasive supplier.

KLINGSPOR is member of

NAMM®

The Most Sanding Power For Your Money Since 1893!

KLINGSPOR is a manufacturer of sanding and grinding products for over 125 years.
The US headquarters in North Carolina offers high quality products for industrial applications including more than 50,000 tools for all your cutting, grinding, polishing and stock removal jobs no matter which material you are working on.

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Product Range

KLINGSPOR offers high quality solutions for all your abrasive needs including:

Removal of Material

Finishing Applications

Benefits

Great product range for different materials and applications

Different forms and shapes allow **flexible usage** on flat and contoured surfaces

Longevity

oSa certified products for your **safety**

Router Bits

KLINGSPOR is proud to offer a full range of industrial grade router bits. Everything from profile bits, CNC, spiral, fiberglass, plastic, solid surface and more. They consist of high quality super micro grain carbides that are extra thick for extra sharpening.

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Do you already know our new sanding discs?

GREENTEC DISCS

Produced with our patented T-ACT technology

Durability, life and extended edge wear

More consistent, blemish-free finish

KLINGSPOR's new GreenTec Sanding Disc offers a longer, more consistent cut and ultimately, a better finish. The applications are vast.

Produced utilizing our patented, proprietary T-ACT technology, you can be assured of longer life from reduced loading and heat while leaving a more consistent finish.

The material ensures heavy stock removal without loading in the coarser grits featuring a combination of C-weight paper backing and aluminum oxide grains.
Use the disc in finer grits with a film backing for a consistent blemish-free finish.
Tested against our leading competitors, our GreenTec material showed significantly higher performance and provided a tighter, more consistent scratch.

Three layers for highest performance:

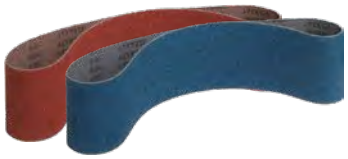
- 3 Mil film or C-weight paper backing
- Premium Aluminum Oxide Grains
- Proprietary new T-ACT coating

Titanium Dioxide

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

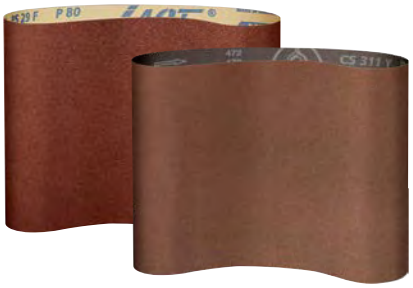
Abrasive Belts

Coated Abrasive Belts provide the fastest and most effective stock removal for finishing or polishing metals and woods. KLINGSPOR has long been a leader in the production of tear-resistant abrasive belts. We offer a wide range of abrasive belts - from the smallest file belt for hand-operated machines to wide belts for large grinding machines.



Portable Belts

Portable belt sanding machines allow the user go directly to the workpiece. KLINGSPOR portable sander belts are well-suited for woodworking applications. We offer versions for general sanding or heavier stock removal.



Wide Belts

KLINGSPOR manufactures a broad selection of high quality materials for wide belts. Woodworking belts have many uses (primarily in lumber and finishing applications)

Edge Belts

From edge sanding to lever stroke sanding, KLINGSPOR offers an unsurpassed quality of coated abrasive belts for production applications.

Availability

Our product range permits use with common machines and allows for custom material for specific applications.
Just give us a call at 800-645-5555 for more information.

Photo: Taylor Guitars

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Rolls, Discs & Sheets

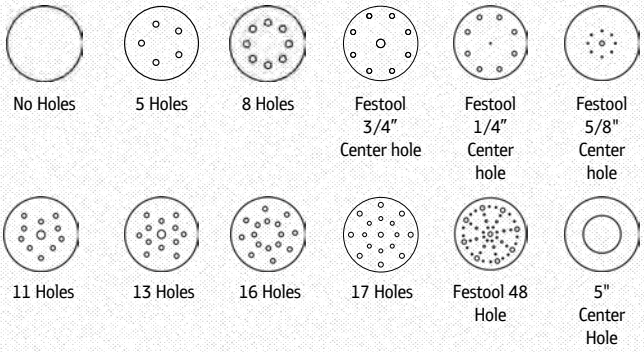
KLINGSPOR offers a high range of coated abrasives, including belts, discs, rolls and sheets.
Your needs are met as we convert these from our high-quality jumbo rolls.
Variety in Rolls, Discs & Sheets offers multiple application possibilities from material removal to finishes.
Our coated abrasives are characterized by their tear-resistance and longevity.

Rolls

Widths:	1"- 4"
Lengths:	10, 25, 50, 100 meters
Backings:	Plain, Kling-on® Hook & Loop, PSA

Discs

Diameters:	3" - 20"
Backings:	Plain, Kling-on® Hook & Loop, PSA
Hole patterns:	

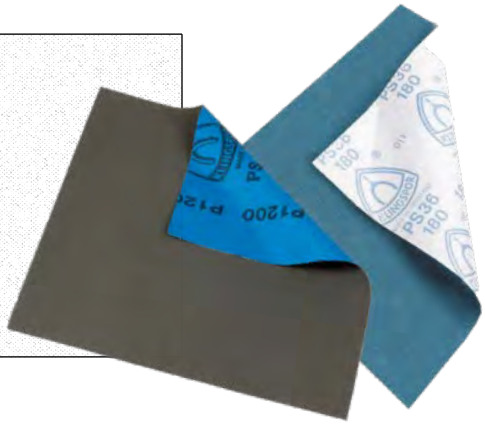


We also offer triangles!

Sheets

Sizes:	9" x 11"
	4-1/2" x 11"
	3-2/3" x 9"
	4-1/2" x 5-1/2"
Backings:	Plain, PSA

Ask about custom sizes, such as 24" x 24" or 36" x 36"!



⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Materials with paper backing:

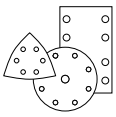
PS 11

60, 80, 100, 120, 150, 180, 220, 240, 280, 320, 360, 400, 500, 600, 800, 1000, 1200, 1500, 2000

Carbon Black

- ✓ For hard and tough surface
- ✓ Good adaption and high stability
- ✓ Wet and dry sanding

PSA Rolls (25m)



PSA Disc Rolls (5", 6")
Hook & Loop, PSA Discs (3", 5", 6")
Sheets (5-1/2" x 9", 9" x 11")

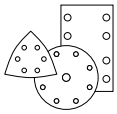
PS 29

40, 60, 80, 100, 120, 150, 180, 220, 280, 320, 400

Titanium Dioxide

- ✓ Impressively long life
- ✓ Reduced clogging
- ✓ Extremely stable backing for flat surfaces

PSA, Hook & Loop Rolls (10m)
Plain Rolls (100m)



Hook & Loop Discs (4-1/2", 5", 6")
PSA Discs (5", 6", 7", 8", 9")
Plain Discs (4", 5", 6", 7", 8", 9", 10", 12")

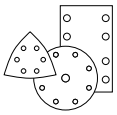
PS 33

80, 100, 120,150, 180, 220, 240, 320, 400, 600, 800, 1000, 1200, 1500

Titanium Dioxide

- ✓ High removal rate
- ✓ Ideal for sanding bare wood

PSA Disc Rolls (5", 6")
PSA Rolls (25m, 50m)



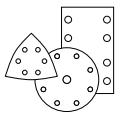
Hook & Loop, PSA Discs (3", 5", 6", 8")
Sheets (9" x 11")

PL 35 / PS 35

80, 100, 120,150, 180, 220, 240, 280, 320, 400

- ✓ Suitable for sanding flat and contoured surfaces
- ✓ Primarily used for paint and varnish applications

PSA Disc Rolls (5", 6")



Hook & Loop, PSA Discs (5", 6")
Sheets (9" x 11", 4-1/2" x 11", 3-2/3" x 9", 4-1/2" x 5-1/2")

Materials with cloth backing:

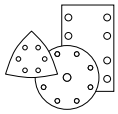
KL 361

80, 100, 120,150, 180, 220, 240, 280, 320, 400

Carbon Black

- ✓ High quality product for a variety of applications
- ✓ High flexible cotton backing causes optimal adaption to the workpiece
- ✓ Tears off easily

Shop Rolls (50 yrd)



Sheets (9" x 11", 4-1/2" x 11", 3-2/3" x 9", 4-1/2" x 5-1/2")

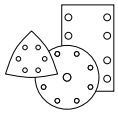
CS 310

24, 36, 40, 50, 60, 80, 100, 120, 150, 180, 220, 240, 320, 400, 600

Titanium Dioxide

- ✓ Cotton backing provides stability for heavy duty use
- ✓ Longevity

Plain Rolls (100m)



Hook & Loop Discs (5", 6")
PSA Discs (3", 4", 5", 6", 8", 10", 12", 20")
Plain Discs (4", 5", 6", 7", 8", 9", 10", 12")

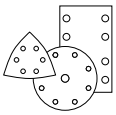
CS 311

36, 40, 50, 60, 80, 100, 120, 150, 180, 220, 240

Titanium Dioxide

- ✓ ACT and antistatic properties avoid clogging
- ✓ Good removal rate under high stress

Plain Rolls (100m)



PSA Discs (3", 4", 5", 6", 8", 10", 12", 20")
Plain Discs (4", 5", 6", 7", 8", 9", 10", 12")

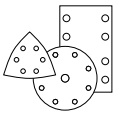
VP 73 *LATEX backing*

80, 100, 120,150, 180, 220, 240, 320, 400, 600, 800, 1000, 1200, 1500

Titanium Dioxide

- ✓ Long edge wear and life

PSA Disc Rolls (5", 6")
PSA Rolls (25m, 50m)



Hook & Loop Discs (3", 5", 6", 8")
PSA Discs (3", 5", 6")
Sheets (9" x 11")

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Sponge Boxes

Sponge Box Square Pads are available in material types: PS 73 W or PL 35/PS 35.
Both are applied to a pliable, yet durable foam roll.
This foam roll has been perforated for a quick dispersion of 4-1/2" x 5-1/2" square pads (130/RL).
The item was developed to leave a soft scratch when profile sanding by hand.
Sponge box square pads are ideal for every finishing application.

PS 73 W

Grain:	Aluminum Oxide Stearate
Grit range:	180, 220, 240, 320, 400, 600

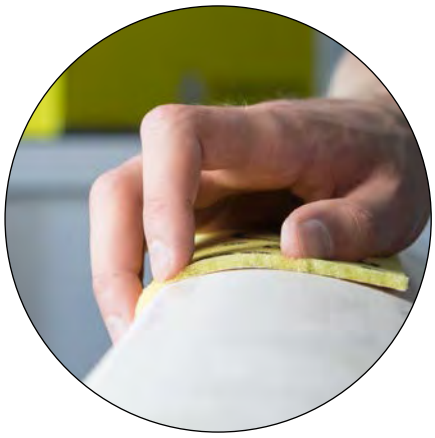
✓ Foam backing distributes pressure evenly across the entire contact surface
✓ Minimal clogging
✓ Ideal for processing workpieces with a thin coating without sanding through

Titanium Dioxide

PL 35 / PS 35

Grain:	Silicon Carbide
Grit range:	220, 320, 400

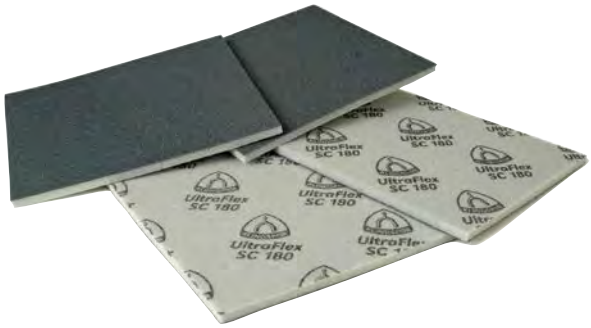
✓ Suitable for sanding flat or contoured surfaces
✓ Primarily used for sanding primer, paint and varnish



Ultraflex Handpads

Ultraflex Sanding Pads are the premium foam pads on the market.
They are extremely long lasting and should be used with light pressure.
The pads are perfectly suited for finish sanding of contoured parts and profiles because of their high flexibility.

Size: L5-1/2" x W4-1/2"



Availability

Grain:	Silicon Carbide
Grit range:	120, 180, 220, 320
Grain:	Aluminum Oxide
Grit range:	100, 120, 180, 220, 320

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Flap Wheels

KLINGSPOR is the first abrasive company to design and manufacture flapwheels. Many varieties are available allowing versatility with countless finishing applications.

SM 611 Flapwheel

SM 611 quickly takes the contours of the workpiece being ground or polished, making it the ideal product for convex and concave surfaces and profiles.

Available diameters: 4", 5-1/2", 6-1/2", 8", 10", 12", 14", 16"

Titanium Dioxide

KM613 Spindle-Mounted Flapwheel

The small abrasive mop wheel consists of resin-bonded aluminum oxide abrasive cloth flaps attached to a spindle-mounted core. These flapwheels are used on portable or off-hand power tools to grind, polish, debur or finish small or hard-to-handle parts.

Available diameters: 1", 1-1/2", 2", 2-1/2", 3"

Titanium Dioxide

Mac Mop

Mac Mop is a special flapwheel in which thousands of very flexible aluminum oxide abrasive cloth strips are joined to a center core. It's designed for fine finishing and it quickly conforms to difficult contours.

Available diameter: 10" | Available widths: 2", 4"

Titanium Dioxide

⚠ Please have a look on the back side of this book for California Proposition 65 warnings!

Fusion Foam

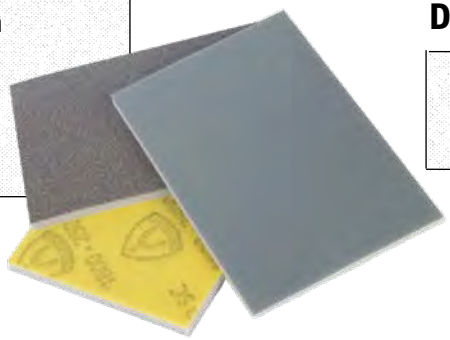
Fusion Foam is uniquely engineered, eco-friendly, flexible and non-loading.
The adhesive system locks our abrasive grain in place while providing exceptionally long life.
The product resists loading due to proprietary grain to foam adhesion which reduces heat build-up.
Fusion Foam can be used wet or dry and was designed to obtain even, uniform surface on flat or contoured work-pieces.

Pads

Size: 3" x 4-1/4" x 1/2"
Grits: 80 - 700

Size: 3" x 4-1/4" x 5mm
Grits: 120 - 2500

Sold in boxes of 5 or 50 pads.



Discs

Sizes: 3", 5", 6"
Grits:120 - 3500

Custom sizes available

Safety

Make sure you always wear safety products when using abrasives to create a healthy work environment. KLINGSPOR offers a complete line of high quality safety products.

KLINGSPOR is a founding member of the oSa® (Organization for the Safety of Abrasives).
Abrasive manufacturers in this voluntary association commit to adhering to all European safety standards applicable to abrasive tools and to promote and enforce stricter production and testing regulations. This includes operating a quality management system at each of its locations, possessing test records, submitting product samples for independent, destructive testing and regular factory inspections.
The oSa® label guarantees an extraordinary high level of safety.

⚠WARNINGS

For more information go to www.P65Warnings.ca.gov

Titanium Dioxide

The following products mentioned in this catalog can expose you to Titanium Dioxide, which is known to the State of California to cause cancer.
They all have a warning label on the packaging.

WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.
ADVERTENCIA: Este producto puede exponerle a Dióxido de titanio, que es conocido por el Estado de California como causante de cáncer. Para mayor información, visite www.P65Warnings.ca.gov.

- PS 29
- PS 33
- CS 310
- CS 311
- VP 73
- PS 73
- SM 611
- KM 613
- Mac Mop
- GreenTec

Carbon Black

The following products mentioned in this catalog can expose you to chemicals like Carbon Black, which is known to the State of California to cause cancer.
They all have a warning label on the packaging.

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. ADVERTENCIA: Este producto puede exponerlo a productos químicos, incluido el negro de humo, que el estado de California sabe que causa cáncer. Para obtener más información, vaya a www.P65Warnings.ca.gov.

- PS 11
- KL 361

KLINGSPOR

The Most Sanding Power for Your Money Since 1893!®

2555 Tate Boulevard, S.E.,
PO Box 2367
Hickory, North Carolina 28603-2367

Toll Free	800-645-5555
Corporate	828-322-3030
Toll Free Fax	800-524-6758
Fax	828-326-0296

www.klingspor.com

SurfacePrep