



Product Guide
Glass Industry

Our Company

KLINGSPOR is a manufacturer of high-quality abrasives for over 125 years. We have been serving our customers in the United States from our manufacturing and distribution facility in Hickory, NC since 1979.

Our product range includes a variety of coated abrasives for grinding and polishing glass, such as belts, discs, rolls and sheets. Furthermore we offer a complete line of bonded abrasives and abrasive specialities to suit virtually any need.

KLINGSPOR is a global player with headquarters in Germany, where highly-skilled experts develop all the different products for your applications. We control each production step ensuring you

The Most Sanding Power for Your Money Since 1893!®



Service & Quality

- ✓ One of the 5 leading manufacturers of Abrasives worldwide with over 125 years of experience
- ✓ Team of technical specialists
- ✓ Factory-trained sales representatives all over the US
- ✓ Variety of products for glass applications
- ✓ Custom size products
- ✓ ISO certification guarantees consistent quality
- ✓ oSa certified products for your safety
- ✓ Fast lead times



Experience

The glass industry, its manufacturers and its suppliers have evolved quickly over the past decades into one of the most prolific industries in the world. The technology demands the highest performing production materials and KLINGSPOR has the abrasive products that will help to move this industry forward.

With a long history in glass related markets, from the fine crystal makers of old Europe to the high tech architectural glass of today, KLINGSPOR is well-positioned to provide abrasive solutions for these critical applications.

Our experience in these industries makes us uniquely qualified to be your trusted source for your glass grinding and polishing needs.

Our Factory Sales Representatives cover most regions of the US and can help you first-hand with expert advice.

KLINGSPOR is a member of the NGA
(National Glass Association).



Your Contact

Our glass industry specialist will be happy to help with any questions.



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Sanding Products

Belts

KLINGSPOR has long been a leader in the production of tear-resistant abrasive belts. Our wide product range offers various different sizes and materials for finishing and polishing applications.



Edge Grinding Belts



Silicon carbide grains fully resin bonded to waterproof cloth or polyester backings

Portable Grinding Belts



Wet grinding with our portable belts will yield the best results.

Discs

Our high-quality coated abrasives are also used for our sanding discs. We offer discs with PSA, Kling-on® Hook & Loop or plain backings in a variety of sizes.



Materials

CS 538 Z

80, 120, 180

Ideal for applications on harder / thicker glass

- ▶ Belts
 - ▶ Wide Belts
 - ▶ Discs (Plain & PSA backings)
- ✓ Antistatic
 - ✓ Waterproof
 - ✓ ACT coating
 - ✓ Very aggressive, but durable
 - ✓ Extremely consistent scratch



CS 320 Y

24, 40, 60, 80, 100, 120, 180

Good price-performance ratio

- ▶ Belts
 - ▶ Wide Belts
 - ▶ Dynaflex Belts
- ✓ Ideal for less aggressive applications
 - ✓ Can be used wet and dry
 - ✓ Waterproof

CS 333 & CS 321

CS 333:

24, 36, 40, 60-150, 240 (X-Backing)

180, 240, 320 (JF-Backing)

CS 321: 80-320, 400, 500, 800

PSA (Sticky back) material, ideal for working on contours

- ▶ Belts
 - ▶ Wide Belts (X)
 - ▶ Sheets
 - ▶ Discs (X)
- ✓ Flexible backing helps when working on contours
 - ✓ Ideal for finishing and polishing applications
 - ✓ Waterproof (CS 321)

PS 11

60 - 180 (C-Backing)

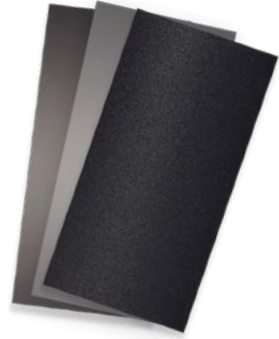
220, 240, 320, 400-2000 (A- Backing)

Perfect pick for stain removal and cleaning

- ▶ Sheets
 - ▶ Discs
- ✓ For hard and tough surfaces
 - ✓ Good adaptation and high stability
 - ✓ Wet and dry sanding

Micro Mesh

Our micro mesh sheets can be used wet or dry and offer a huge variety of application possibilities including glass, fiberglass, granite, ceramics, copper, kitchen counter tops and marble. It's flexible cloth and latex backing allows to access small or irregular surfaces without any problems and leaves the finest finish on your workpiece.



Available up to grit 12,000!

Fusion Foam

Our Fusion Foam is uniquely engineered, eco-friendly, flexible and non-loading. High quality Silicon Carbide grains are fixed directly to the foam surface.

This reduces heat build-up and provides exceptionally long life. These highly flexible pads or discs adapt to flat and contoured workpieces and can be used wet or dry. Perfect for spot polishing of glass. Discs attach easily to a Hook & Loop backing pad.



Available as pads and discs

Ask for suitable backing pads to attach the discs to your angle grinder.



Edge Deletion



Pictures show 9SF-R 6" wheel in use

KLINGSPOR Convolute Wheels feature dense, non-woven construction. They are smooth running, non-metallic, soft and smear-resistant. They create less operator fatigue, no contamination of the workpiece, reduce gouging and provide a faster stock removal rate.

Further densities
available



Availability

9SF Hard Density, Edge Deletion, Fine Grain, Silicon Carbide

9SF-R Hard Density, Rigid, Edge Deletion, Fine Grain, Silicon Carbide

Sizes: 6" Diameter with 1" Arbor Hole, Various Widths
8" Diameter with 3" Arbor Hole, Various Widths

Mounting Bushings

Description

6" Wheel Bushing 1" to 3/8"

6" Wheel Bushing 1" to 1/2"

6" Wheel Bushing 1" to 3/4"

6" Wheel Bushing 1" to 5/8"

8" Wheel Bushing 3" to 1"

8" Wheel Bushing 3" to 1-1/4"

Item No.

611BUSH1X3/8

611BUSH1X1/2

611BUSH1X3/4

611BUSH1X5/8

CFVB004

CFVB005

Missing the size you need? Custom Bushings available
- contact us for further information.



Consistent Finish with Silicon Carbide

Coated Abrasives can be manufactured with different types of grains, which have a huge impact on the sanding result.

Silicon Carbide is a sharp, very hard grain that is best suited for glass sanding. This grain is very brittle, so it fractures when pressure is applied. This so called “friability” leads to the fact that there is always new, sharp grain on top of your abrasive.

The result: an extremely consistent finish!



ACT Coating

ACT (Advanced Coating Technology) is a special top coat applied on coated abrasives that provides excellent grit adhesion and improves longevity of the product.



Interested in more technical details?
Check out KLINGSPOR's Abrasive Glossary at
www.buy.klingspor.com

We also offer:



Bonded Abrasives



Non-woven Abrasives



Tools



Safety Equipment

and a lot more.



KLINGSPOR

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