

WOODWORKING 2025





Dear KLINGSPOR Customer,

Thank you for your interest in and loyalty to our quality abrasive products for woodworking.

KLINGSPOR began making abrasives in Germany in 1893 and we have sold our products in the USA for over 50 years. KLINGSPOR's name is synonymous with exceptional quality, excellent service, and pricing, proving to provide The Most Sanding Power for Your Money Since 1893!

We hope you will take this opportunity to refresh yourself on the KLINGSPOR product line for your processes by reviewing our Woodworking Catalog. You will notice that our list prices are included. Remember that your pricing is based on your purchase volume, so please contact your Factory Sales Representative or our customer relations department for your pricing.

We look forward to a growing relationship with your company and wish you much success and prosperity.

All the best!

KLINGSPOR Abrasives, Inc.

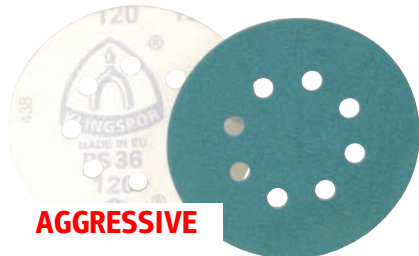
The Most Sanding Power for Your Money Since 1893!®

<http://www.klingspor.com>

PS 36 ALUMINA ZIRCONIA STEARATE PAPER

This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. Excellent results can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product. [Semi-Open Coat](#)

KLING-ON® DISCS



Diameter	Grit	Price Per Box
5"	60	\$82.41
100/Box	40	\$92.74
50/Box	36	\$55.12
6"	60	\$106.45
100/Box	40	\$125.02
50/Box	36	\$73.22

PSA DISCS

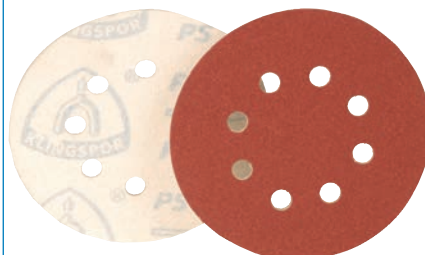


Diameter	Grit	Price Per Box
5"	60	\$82.41
100/Box	40	\$92.74
50/Box	36	\$55.12
6"	60	\$106.45
100/Box	40	\$125.02
50/Box	36	\$73.22

PS 29 ALUMINUM OXIDE HEAVY PAPER WITH ACT

Aluminum Oxide open coat, resin-resin bond, F-weight paper, antistatic material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood. [Open Coat](#)

KLING-ON® DISCS



Diameter	Grit	Price Per Box
5"	60	\$89.77
50/Box	40	\$99.42
6"	60	\$132.58
50/Box	40	\$149.17

PSA DISCS

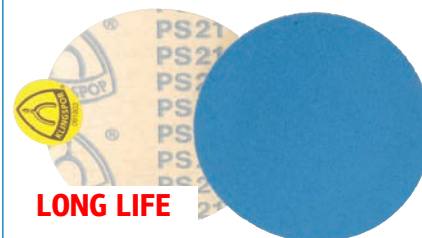


Diameter	Grit	Price Per Box
5"	60	\$132.56
100/Box	40	\$149.19
6"	60	\$195.88
100/Box	40	\$220.87
7"	60	\$276.16
100/Box	40	\$310.92
8"	60	\$179.53
50/Box	40	\$197.52

PS 21 ALUMINA ZIRCONIA F WEIGHT PAPER

Our longest lasting paper PSA disc. Offers long life in wood or metal applications.

PSA DISCS



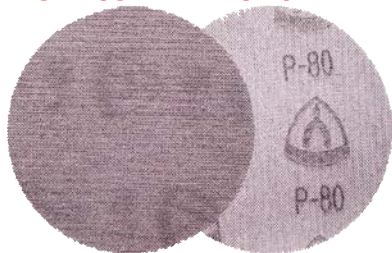
Diameter	Grit	Price Per Box
5" 100/Box	60	\$157.27
50/Box	40	\$88.48
6" 100/Box	60	\$232.65
50/Box	40	\$131.08
8"	60	\$213.62
50/Box	40	\$233.53

**For intermediate
sizes use next
higher list price.
Call for availability
of other sizes.**

**5% UPCHARGE ON
DISCS WITH MORE
THAN 10 HOLES**

KLINGNET

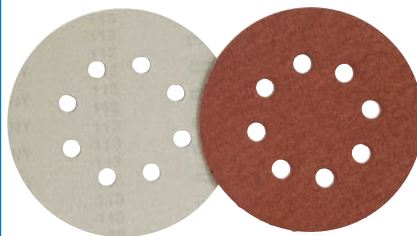
Produced from a strong mesh net material and aluminum oxide grains, KlingNet is a premier product for use in marine, automotive, composites, and wood markets. KlingNet offers enhanced dust collection capabilities for a cleaner, safer work environment.

BEST DUST EXTRACTION

Diameter	Grit	Price Per Box
5" 50/Box	120-800	\$61.74
6" 50/Box	120-800	\$73.02

CS 310 X ALUMINUM OXIDE CLOTH

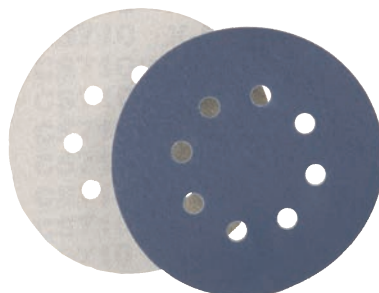
Aluminum Oxide, X cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

KLING-ON® DISCS

Diameter	Grit	Price Per Box
5"	60	\$150.97
50/Box	40	\$172.11
	36	\$182.60
	24	\$206.51
6"	60	\$209.20
50/Box	40	\$240.96
	36	\$256.81
	24	\$291.08

CS 710 XF HEAT TREATED ALUMINUM OXIDE CLOTH

Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

KLING-ON® DISCS

Diameter	Grit	Price Per Box
5"	100	\$134.37
50/Box	80	\$145.51
6"	100	\$187.93
50/Box	80	\$201.64

CLOTH PSA DISCS

CS 310: Aluminum Oxide, X cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

CS 411 X: Alumina Zirconia resin-bonded, with backings available in both X-weight cloth (YX) or polyester cloth in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

- * 24-36 Grit - Add 47% to price shown
- * 40-60 Grit - Add 39% to price shown
- * 80 Grit & Finer - Add 33% to price shown

PSA DISCS

Diameter	Grit	Price Per Box
5"	60	\$83.28
50/Box	50	\$87.40
	40	\$91.51
	36	\$96.63
	24	\$108.98
6"	60	\$122.35
50/Box	50	\$129.89
	40	\$136.75
	36	\$144.88
	24	\$163.88
8"	60	\$222.07
50/Box	50	\$233.44
	40	\$244.79
	36	\$257.02
	24	\$289.97
10"	60	\$176.31
25/Box	50	\$187.15
	40	\$198.44
	36	\$207.67
	24	\$235.95
12"	60	\$103.45
10/Box	50	\$109.61
	40	\$116.18
	36	\$123.18
	24	\$138.19

**For intermediate sizes use next higher list price.
Call for availability of other sizes.**

**5% UPCHARGE ON DISCS
WITH MORE THAN 10 HOLES**



KLINGSPOR
KLINGNET
MESH DISCS

BLACKHOOK - PSA TO HOOK & LOOP CONVERSION

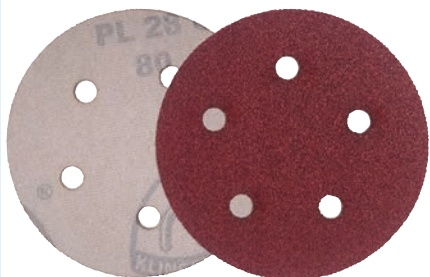
Quickly and easily convert your old PSA disc sanders to hook & loop sanders with this "hook" material. Simply determine what size and hole configuration you'll need and affix these pre-cut "hook" discs to your PSA backing pad. Comes in packages of 5.

Disc Size	Price Per Pack of 5
5" x No Hole	\$23.22
6" x No Hole	\$26.70
5" x 5 Hole	\$23.22
5" x 8 Hole	\$23.22
6" x 16 Hole	\$26.70
6" x 6 Hole	\$26.70
6" x 8 Hole	\$26.70



PL 28 ALUMINUM OXIDE HEAVY PAPER

KLING-ON® DISCS



ECONOMY PRODUCT - KLING-ON® ONLY

Aluminum Oxide closed coat, resin-resin bond, C-weight paper. Works well on wood, metal and solid surface materials.

Diameter	Grit	Price Per Box
5"	80	\$26.14
50/Box	60	\$28.51
6"	80	\$34.21
50/Box	60	\$36.39

**5% UPCHARGE ON DISCS WITH
MORE THAN 10 HOLES**

PS 33 ALUMINUM OXIDE STEARATE PAPER

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials. [Semi-Open Coat](#)

KLING-ON® DISCS



Diameter	Grit	Price Per Box
4"	60	\$67.05
100/Box	40	\$75.46
4-1/2"	60	\$67.05
100/Box	40	\$75.46
5"	60	\$67.05
100/Box	40	\$75.46
6"	60	\$86.59
100/Box	40	\$112.83
8"	60	\$76.96
50/Box	40	\$99.65
11"	60	\$151.50
25/Box	40	\$162.84

PSA DISCS



Diameter	Grit	Price Per Box
4"	60	\$67.05
100/Box	40	\$75.46
4-1/2"	60	\$67.05
100/Box	40	\$75.46
5"	60	\$67.05
100/Box	40	\$75.46
6"	60	\$86.59
100/Box	40	\$112.83
8"	60	\$76.96
50/Box	40	\$99.65



FINISHING
PS 33
CUTTING BOARD



PS 36 ALUMINA ZIRCONIA STEARATE PAPER

This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. Excellent results can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product. [Semi-Open Coat](#)

KLING-ON® DISCS



AGGRESSIVE

Diameter	Grit	Price Per Box
5"	100+	\$72.13
100/Box	80	\$75.59
6"	100+	\$94.47
100/Box	80	\$98.88

PSA DISCS

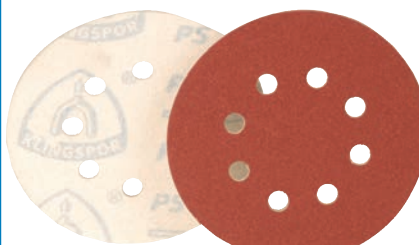


Diameter	Grit	Price Per Box
5"	100+	\$72.13
100/Box	80	\$75.59
6"	100+	\$94.47
100/Box	80	\$98.88

PS 29 ALUMINUM OXIDE HEAVY PAPER WITH ACT

Aluminum Oxide open coat, resin-resin bond, F-weight paper, antistatic material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood. [Open Coat](#)

KLING-ON® DISCS



Diameter	Grit	Price Per Box
4"	100+	\$87.22
50/Box	80	\$87.22
5"	100+	\$82.89
50/Box	80	\$87.03
6"	100+	\$117.40
50/Box	80	\$125.67

PSA DISCS



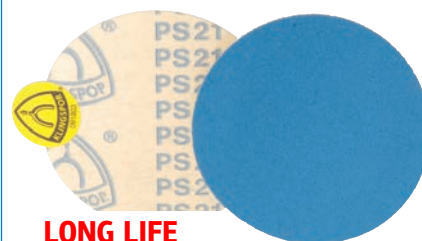
Diameter	Grit	Price Per Box
5"	100+	\$121.59
100/Box	80	\$127.04
6"	100+	\$176.76
100/Box	80	\$185.03
7"	100+	\$249.50
100/Box	80	\$265.55
8"	100+	\$161.05
50/Box	80	\$171.24

Call for availability of other sizes.

PS 21 ALUMINA ZIRCONIA F WEIGHT PAPER

Our longest lasting paper PSA disc. Offers long life in wood or metal applications.

PSA DISCS



LONG LIFE

Diameter	Grit	Price Per Box
5"	100+	\$144.17
100/Box	80	\$150.72
6"	100+	\$209.64
100/Box	80	\$219.50
7"	100+	\$328.44
100/Box	80	\$315.20
8"	100+	\$191.74
50/Box	80	\$203.17

LS 312 ALUMINUM OXIDE DRY-LUBE JF WEIGHT CLOTH

PSA DISCS



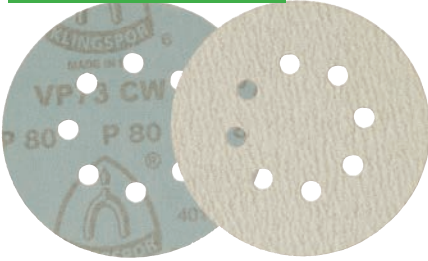
Aluminum Oxide, semi-open coat resin bonded with a special top coating to aid in cooling and to resist loading. Very flexible, J-Flex cloth backing for severely contoured workpieces. Best suited for polishing stainless steel and high alloy steels, other ferrous metals and non-ferrous metals.

Diameter	Grit	Price Per Box
5"		\$85.24
50/Box	120-220	
6"		\$123.76
50/Box	120-220	

VP 73W ALUMINUM OXIDE STEARATE LATEX PAPER

Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used anywhere the regular PS33 is found including bare wood, composite, marine and autobody. This material is not waterproof.

KLING-ON® DISCS



Diameter	Grit	Price Per Box
5"	100+	\$66.69
100/Box	80	\$69.95
6"	100+	\$87.36
100/Box	80	\$93.79
8"	100+	\$77.32
50/Box	80	\$81.23

PSA DISCS



Diameter	Grit	Price Per Box
5"	100+	\$67.45
100/Box	80	\$69.95
6"	100+	\$88.35
100/Box	80	\$93.79
8"	100+	\$78.19
50/Box	80	\$81.23

FP 77 GREEN TEC ALUMINUM OXIDE FILM

Aluminum Oxide on a 3 mil poly film in grits 80-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof. [Semi-Open Coat](#)

KLING-ON® DISCS



Diameter	Grit	Price Per Box
5"	100 - 2000	\$86.69
100/Box	80	\$90.92
6"	100 - 2000	\$113.50
100/Box	80	121.90

PSA DISCS



Diameter	Grit	Price Per Box
5"	100 - 2000	\$86.69
100/Box	80	\$91.08
6"	100 - 2000	\$114.82
100/Box	80	\$121.90

SOFT HAND PADS



These hand pads are used in most woodworking hand operations to create a softer scratch that leads to better finishing.

5" Hook & Loop Foam Hand Pad
1/8" Thick with Strap
FJ2215 \$12.13

5" PSA Foam Hand Pad
1/8" Thick with Strap
FJ2115 \$12.13

FP 77 WATERPROOF

Applications:

Fiberglass, Composites, Wood & Wood Finishes, Aluminum, Painted Surfaces

Advantages:

- Longer, more consistent cut
- Better overall finishes
- Reduced heat
- Consistent, blemish-free finishes
- Tighter, more consistent scratch
- Substantially less loading than traditional stearate products

PS 33 ALUMINUM OXIDE STEARATE PAPER

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.

Semi-Open Coat

KLING-ON® DISCS

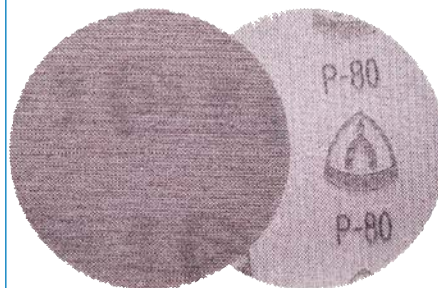
Diameter	Grit	Price Per Box
4"	100+	\$58.65
100/Box	80	\$61.47
4-1/2"	100+	\$58.65
100/Box	80	\$61.47
5"	100+	\$58.65
100/Box	80	\$61.48
6"	100+	\$76.86
100/Box	80	\$80.46
8"	100+	\$68.00
50/Box	80	\$71.44
11"	100+	\$129.71
25/Box	80	\$150.17

PSA DISCS

Diameter	Grit	Price Per Box
4"	100+	\$58.65
100/Box	80	\$61.47
4-1/2"	100+	\$58.65
100/Box	80	\$61.47
5"	100+	\$58.65
100/Box	80	\$61.47
6"	100+	\$76.86
100/Box	80	\$80.47
8"	100+	\$68.00
50/Box	80	\$71.44

KLINGNET

Produced from a strong mesh net material and aluminum oxide grains, KlingNet is a premier product for use in marine, automotive, composites, and wood markets. KlingNet offers enhanced dust collection capabilities for a cleaner, safer work environment.



Diameter	Grit	Price Per Box
5" 50/Box	80-800	\$63.53
6" 50/Box	80-800	\$75.14

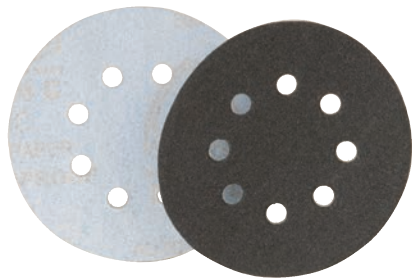


WATCH MORE
KLING NET
IN ACTION



PS 11 SILICON CARBIDE WATERPROOF A/C WEIGHT LATEX PAPER

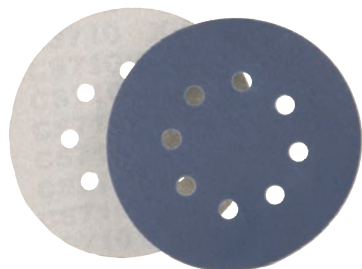
Waterproof Silicon Carbide, A and C-weight papers, resin-resin bonded and available in grits P60 - P2000. Use for sanding of furniture finishes such as varnish, lacquer, shellac, oil, polishing of glass, and in automotive body shops for final color sanding of paint.

KLING-ON® DISCS

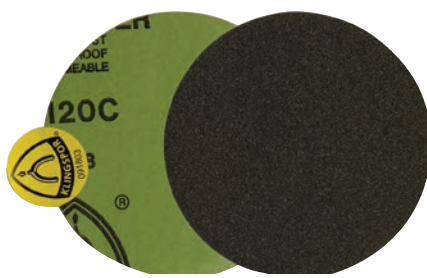
Diameter	Grit	Price Per Box
5"	220+	\$100.06
	100/Box	180 \$107.97
	150	\$110.57
	120	\$121.59
	100	\$132.56
6"	220+	\$144.82
	100/Box	180 \$152.69
	150	\$160.62
	120	\$176.71
	100	\$193.33
11"	220+	\$223.00
	25/Box	180 \$230.65
	150	\$259.87
	120	\$272.60

CS 710 XF HEAT TREATED ALUMINUM OXIDE CLOTH

Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

KLING-ON® DISCS

Diameter	Grit	Price Per Box
5"	100-180, 240	\$134.36
	50/Box	
6"	100-180, 240	\$187.93
	50/Box	

PSA DISCS**PREMIUM FINISHING**

Diameter	Grit	Price Per Box
3-1/2"	220	\$83.82
	100/Box	180 \$85.00
	150	\$88.52
	120	\$93.26
	100	\$102.84
4"	220	\$86.91
	100/Box	180 \$90.47
	150	\$95.64
	120	\$102.67
	100	\$111.14
5"	220	\$100.27
	100/Box	180 \$105.59
	150	\$111.45
	120	\$117.08
	100	\$127.95
6"	220	\$144.12
	100/Box	180 \$152.26
	150	\$160.37
	120	\$168.46
	100	\$184.37
8"	220	\$139.54
	50/Box	180 \$146.13
	150	\$151.23
	120	\$163.24
	100	\$182.25

CLOTH PSA DISCS

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

Diameter	Grit	Price Per Box
3"	100+	\$51.97
	50/Box	80 \$53.88
4"	100+	\$63.75
	50/Box	80 \$66.87
5"	100+	\$74.93
	50/Box	80 \$79.18
6"	100+	\$108.98
	50/Box	80 \$115.17
8"	100+	\$201.83
	50/Box	80 \$211.82
10"	100+	\$156.77
	25/Box	80 \$166.56
12"	100+	\$91.92
	10/Box	80 \$97.46
20"	100+	\$78.29
	3/Box	80 \$82.97

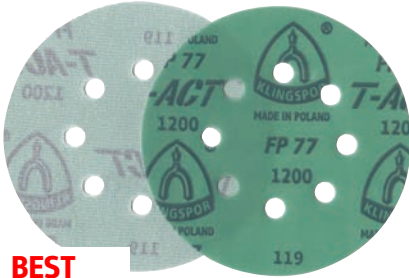
For intermediate sizes use next higher list price.

Call for availability of other sizes.

FP 77 GREEN TEC ALUMINUM OXIDE FILM

Aluminum Oxide on a 3 mil poly film in grits 60-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof. [Semi-Open Coat](#)

KLING-ON® DISCS



BEST

Diameter	Grit	Price Per Box
5"	100 - 2000	\$86.69
100/Box	80	\$91.08
6"	100 - 2000	\$113.50
100/Box	80	\$121.90

PSA DISCS



Diameter	Grit	Price Per Box
5"	100 - 2000	\$86.69
100/Box	80	\$90.92
6"	100 - 2000	\$113.50
100/Box	80	\$121.90

PS 33 ALUMINUM OXIDE STEARATE PAPER

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials. [Semi-Open Coat](#)

KLING-ON® DISCS



GOOD

Diameter	Grit	Price Per Box
4"	100+	\$58.65
100/Box	80	\$61.47
	60	\$67.05
	40	\$75.46
5"	100+	\$58.65
100/Box	80	\$61.47
	60	\$67.05
	40	\$75.46
6"	100+	\$76.86
100/Box	80	\$80.46
	60	\$86.59
	40	\$112.83
8"	100+	\$68.00
50/Box	80	\$71.44
	60	\$76.96
	40	\$99.65
11"	100+	\$129.71
25/Box	80	\$150.17
	60	\$151.50
	40	\$162.84

PSA DISCS



Diameter	Grit	Price Per Box
4"	100+	\$58.65
100/Box	80	\$61.47
	60	\$67.05
	40	\$75.46
5"	100+	\$58.65
100/Box	80	\$61.47
	60	\$67.05
	40	\$75.46
6"	100+	\$76.86
100/Box	80	\$80.47
	60	\$86.59
	40	\$112.83
8"	100+	\$68.00
50/Box	80	\$71.44
	60	\$76.96
	40	\$99.65



WATCH MORE
GREEN TEC
IN ACTION



VP 73W ALUMINUM OXIDE STEARATE LATEX PAPER

Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used anywhere the regular PS33 is found including bare wood, composite, marine and autobody. This material is not waterproof.

KLING-ON® DISCS



EDGEWEAR

Diameter	Grit	Price Per Box
5"	100+	\$66.69
100/Box	80	\$69.95
6"	100+	\$87.36
100/Box	80	\$93.79
8"	100+	\$77.32
50/Box	80	\$81.23

PSA DISCS

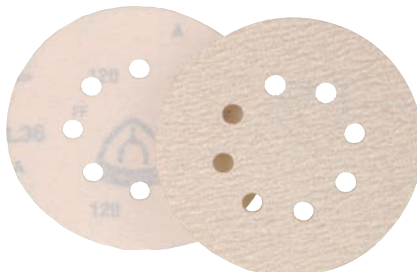


Diameter	Grit	Price Per Box
5"	100+	\$66.69
100/Box	80	\$69.95
6"	100+	\$87.36
100/Box	80	\$93.79
8"	100+	\$77.32
50/Box	80	\$81.23

PS 35 SILICON CARBIDE STEARATE B WEIGHT PAPER

B-weight Silicon Carbide paper, resin bonded, open coat top-coated with Zinc Stearate dry lubricant. Suitable for sanding contoured surfaces or flat surfaces by hand, with sanding blocks, or on vibrating sanders. Ideal for sanding primer, paint, bare metal, and rust, or in woodworking, for sanding sealer, wash coats, bare softwoods and hardwoods, and between coats of furniture finishes.

KLING-ON® DISCS



Diameter	Grit	Price Per Box
5"	120+	\$51.12
100/Box	80	\$56.39
6"	120+	\$67.40
100/Box	80	\$74.08

PSA DISCS



SANDING FINISHES

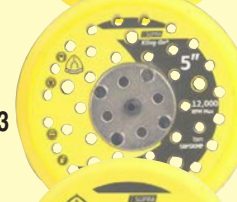
Diameter	Grit	Price Per Box
5"	120+	\$51.12
100/Box	80	\$56.39
6"	120+	\$67.40
100/Box	80	\$74.08

KLINGSPOR BACKING PADS

5" Kling-On®
No Hole
SBP5K.....\$24.97



5" Kling-On®
Multi-Hole
SBP5KMP..\$33.23



5" PSA
No Hole
SBP5P.....\$24.97



6" Kling-On®
No Holes
SBP6K.....\$28.26



6" Kling-On®
Multi-Hole
SBP6KMP..\$47.47



6" PSA
No Holes
SBP6P.....\$28.26



PREMIUM BACKING PADS



5" x No Hole Hook & Loop
FJ70515.....\$27.08

5" x 5 Hole Hook & Loop
FJ70515-H5.....\$27.08

5" x No Hole PSA
FJ70515V.....\$38.23

6" x No Hole Hook & Loop
FJ70516.....\$30.96

PS 33 ALUMINUM OXIDE STEARATE B/C WEIGHT PAPER

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.



Diameter	Grit	Price Per Roll
5"	100+	\$58.67
100/Roll	80	\$61.46
6"	100+	\$76.86
100/Roll	80	\$80.45

PS 36 ALUMINA ZIRCONIA STEARATE C/D WEIGHT PAPER

This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. Excellent results can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product.



Diameter		Grit	Price Per Roll
5"	100/Roll	120+	\$72.12
	100/Roll	80	\$75.55
	100/Roll	60	\$82.41
6"	100/Roll	120+	\$94.45
	100/Roll	80	\$98.89
	100/Roll	60	\$106.45

Minimum order of 3 on Non-Stock Disc Rolls

PS 35 SILICON CARBIDE STEARATE B WEIGHT PAPER

B-weight Silicon Carbide paper, resin bonded, open coat top-coated with Zinc Stearate dry lubricant. Suitable for sanding contoured surfaces or flat surfaces by hand, with sanding blocks, or on vibrating sanders. Ideal for sanding primer, paint, bare metal, and rust, or in woodworking, for sanding sealer, wash coats, bare softwoods and hardwoods, and between coats of furniture finishes.



Diameter	Grit	Price Per Roll
5"	120+	\$51.13
100/Roll	80	\$56.39
6"	120+	\$65.94
100/Roll	80	\$74.09



PS 11 SILICON CARBIDE WATERPROOF A/C WEIGHT LATEX PAPER

Waterproof Silicon Carbide, A and C-weight papers, resin-resin bonded and available in grits P60 - P2000. Use for sanding of furniture finishes such as varnish, lacquer, shellac, oil, polishing of glass, and in automotive body shops for final color sanding of paint.

Easily dispense these discs for wet applications.

Diameter	Grit	Price Per Roll
5"	220+	\$100.27
100/Roll	180	\$105.58
	150	\$111.45
	120	\$117.07
	100	\$127.93
	80	\$134.65
	60	\$141.34
6"	220+	\$144.13
100/Roll	180	\$152.25
	150	\$160.36
	120	\$168.46
	100	\$184.36
	80	\$195.52
	60	\$207.55



Disc Roll Dispenser
#DISPENSER981 \$74.61



PREMIUM PORTABLE BELTS



The ultimate in life and consistency. Premium components offer extended use in wood sanding applications.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

Belt Size	Grit	Box Price	Belt Size	Grit	Box Price	Belt Size	Grit	Box Price
1" x 42"	100+	\$38.17	3" x 21"	100+	\$27.92	4" x 24"	100+	\$37.24
10/Box	80	\$38.64	10/Box	80	\$28.41	10/Box	80	\$37.71
	60	\$40.84		60	\$29.54		60	\$39.33
5/Box	40	\$21.18	5/Box	40	\$15.83	5/Box	40	\$20.94
2" x 48"	100+	\$56.09	3" x 24"	100+	\$29.32	4" x 36"	100+	\$93.56
10/Box	80	\$57.71	10/Box	80	\$30.05	10/Box	80	\$96.35
	60	\$60.73		60	\$31.39		60	\$100.52
5/Box	40	\$32.80	5/Box	40	\$16.88	5/Box	40	\$54.22
3" x 18"	100+	\$26.54	4" x 21"	100+	\$73.55	6" x 48"	100+	\$164.30
10/Box	80	\$27.69	10/Box	80	\$75.20	10/Box	80	\$169.87
	60	\$28.16		60	\$77.74		60	\$178.25
5/Box	40	\$15.02	5/Box	40	\$41.19	5/Box	40	\$97.16

PORTABLE BELTS



Most economical woodworking belt.
NOTE: If you are doing edge work in 40 - 60 grit, the CS311 or CS308 would be a better value

LS 309 XH: Aluminum Oxide, resin bonded, lightweight X weight cotton cloth for sanding ferrous and non-ferrous metals, and both hard and soft woods. Portable belts only.

Belt Size	Grit	Box Price	Belt Size	Grit	Box Price	Belt Size	Grit	Box Price
1" x 42"	100+	\$24.55	3" x 21"	100+	\$26.78	4" x 24"	100+	\$35.73
10/Box	80	\$25.05	10/Box	80	\$27.26	10/Box	80	\$36.19
	60	\$26.03		60	\$28.35		60	\$37.73
	50	\$26.75		50	\$29.03		50	\$39.28
5/Box	40	\$13.87	5/Box	40	\$15.18	5/Box	40	\$20.09
2" x 48"	100+	\$38.80	3" x 24"	100+	\$28.13	4" x 36"	100+	\$52.07
10/Box	80	\$40.03	10/Box	80	\$28.83	10/Box	80	\$54.03
	60	\$41.76		60	\$30.14		60	\$55.98
	50	\$43.70		50	\$31.90		50	\$58.44
5/Box	40	\$22.72	5/Box	40	\$16.19	5/Box	40	\$30.20
3" x 18"	100+	\$25.46	4" x 21"	100+	\$40.03	6" x 48"	100+	\$102.89
10/Box	80	\$26.57	10/Box	80	\$40.51	10/Box	80	\$106.82
	60	\$27.02		60	\$41.99		60	\$111.72
	50	\$28.13		50	\$43.46		50	\$117.13
5/Box	40	\$14.41	5/Box	40	\$17.58	5/Box	40	\$61.02

PLANER BELTS



Perfect for heavy stock removal. Use for planing wood or smoothing metal surfaces.

CS 411: Alumina Zirconia resin-bonded, with backings available in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

Size	Grit/Item#	Box Price	Size	Grit/Item#	Box Price	Size	Grit/Item#	Box Price
3" x 18"	411120X03001804	\$61.10	3" x 24"	120	\$47.24	4" x 24"	120	\$77.49
10/Box	411080X03001804	\$63.10	10/Box	80	\$48.64	10/Box	80	\$79.59
	411060X03001804	\$65.80		60	\$50.96		60	\$82.37
5/Box	411040X03001804	\$22.83	5/Box	40	\$27.35	5/Box	40	\$43.75
	411036X03001804	\$24.67		36	\$29.54		36	\$47.26
	411024X03001804	\$26.64		24	\$31.91		24	\$51.04
3" x 21"	411120Y03002104	\$44.21						
10/Box	411080Y03002104	\$45.38						
	411060Y03002104	\$47.47						
5/Box	411040Y03002104	\$25.35						
	411036Y03002104	\$27.40						
	411024Y03002104	\$29.59						

CLOTH BELTS

CS 308: Our YX weight Aluminum Oxide material is a fully resin-bonded product that offers the benefits of a polyester backing in an X-weight. Use on ferrous or non-ferrous metals and on hardwoods. CS 308 has an extended grit range that allows for coarse to ultra-fine belt sanding and polishing.

LS 309: Aluminum Oxide, fully resin bonded, J or J-flex cotton cloth for polishing ferrous or non-ferrous metals and hardwoods where belt conformability to the work piece is required. Narrow belts and some intermediate belts. XH backing is for portable belts only.

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

LS 312: Aluminum Oxide, semi-open coat resin bonded with a special top coating to aid in cooling and to resist loading. Very flexible, J-Flex cloth backing for severely contoured workpieces. Best suited for polishing stainless steel and high alloy steels, other ferrous metals and non-ferrous metals.

LS 313: Aluminum Oxide, semi-open coat, highly flexible J-flex backing, fully resin-bonded with a dry lubricant to reduce heat and clogging on stainless steel, aluminum, and titanium grinding and finishing.

CS 320: Silicon Carbide on Y-weight polyester backings. Excellent for wet applications on glass, plastic, and stainless steels where strength of polyester would be a benefit.

CS 321: Waterproof Silicon Carbide X-weight cloth resin bonded for grinding and polishing of glass, non-ferrous metals, plastics, stone, marble, grey cast iron, and titanium. Specially treated for use with water or water-based coolants.

CS 333: A versatile Silicon Carbide, fully resin bonded, X, J, or J-Flex cloth backings for grinding and polishing of non-ferrous metals, grinding and polishing of plastic, glass, rubber, fiberglass, stone, marble, and grey cast iron.

CS 341: Waterproof Aluminum Oxide fully resin bonded X-weight cloth for metal grinding and polishing where water or soluble oil coolants are used to reduce heat.

CS 412: Aluminum Oxide, resin bonded, Y-weight (Y), and X-weight (YX), polyester-backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

CS 538 ACT: Silicon Carbide, polyester backing and closed coat grain coverage make this a preferred product for the particle board and plywood industries. For wide belts only.

CS 710: Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

GX 533 JF: Silicon Carbide grains resin-bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. Perfect on non-ferrous metals.

GX 712 JF: Aluminum oxide resin bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. A multibond lubricant is added for cooler grinding and better finishes on ferrous and non-ferrous metals.

* Add 5% to price shown
** Add 10% to price shown
*** Add 20% to price shown
**** Add 21% to price shown

Belt Size	Grit	Price Per Belt
1" x 18"	100+	\$4.20
	80	\$4.09
	60	\$4.31
	50	\$4.39
	40	\$4.41
	36	\$4.51
	24	\$4.67
1" x 21"	100+	\$4.34
	80	\$4.39
	60	\$4.48
	50	\$4.54
	40	\$4.64
	36	\$4.71
	24	\$4.93
1" x 24"	100+	\$4.48
	80	\$4.51
	60	\$4.64
	50	\$4.76
	40	\$4.86
	36	\$4.93
	24	\$5.03
1" x 30"	100+	\$4.78
	80	\$4.84
	60	\$4.97
	50	\$5.10
	40	\$5.21
	36	\$5.35
	24	\$5.64
1-1/8" x 21"	100+	\$4.56
	80	\$4.64
	60	\$4.76
	50	\$4.86
	40	\$4.96
	36	\$5.10
	24	\$5.25
1" x 72"	100+	\$6.89
	80	\$7.00
	60	\$7.39
	50	\$7.73

Belt Size	Grit	Price Per Belt
	40	\$7.93
	36	\$8.28
	24	\$8.93
1" x 132"	100+	\$9.93
	80	\$10.17
	60	\$10.83
	50	\$11.31
	40	\$11.85
	36	\$12.48
	24	\$13.73
2" x 42"	100+	\$6.70
	80	\$7.49
	60	\$7.91
	50	\$8.23
	40	\$8.53
	36	\$8.92
	24	\$9.75
2" x 48"	100+	\$7.86
	80	\$8.21
	60	\$8.55
	50	\$8.86
	40	\$9.31
	36	\$9.71
	24	\$10.68
2" x 72"	100+	\$10.19
	80	\$10.63
	60	\$11.21
	50	\$11.73
	40	\$12.33
	36	\$13.00
	24	\$14.40
2" x 118"	100+	\$14.71
	80	\$15.29
	60	\$16.27
	50	\$17.16
	40	\$18.10
	36	\$19.14
	24	\$21.51

Belt Size	Grit	Price Per Belt
2" x 132"	100+	\$16.02
	80	\$16.70
	60	\$17.79
	50	\$18.26
	40	\$19.85
	36	\$21.04
	24	\$25.16
3" x 21"	100+	\$7.81
	80	\$7.99
	60	\$8.28
	50	\$8.53
	40	\$8.79
	36	\$9.17
	24	\$9.68
3" x 24"	100+	\$8.27
	80	\$8.42
	60	\$8.80
	50	\$9.00
	40	\$9.24
	36	\$9.66
	24	\$10.39
3" x 118"	100+	\$21.65
	80	\$22.60
	60	\$24.18
	50	\$25.46
	40	\$26.88
	36	\$28.55
	24	\$32.02
3" x 132"	100+	\$23.59
	80	\$24.70
	60	\$26.48
	50	\$27.80
	40	\$29.47
	36	\$31.37
	24	\$35.18
3-1/2" x 15-1/2"	100+	\$8.68
	80	\$8.85
	60	\$9.09

Belt Size	Grit	Price Per Belt
	50	\$9.32
	40	\$9.60
	36	\$9.85
	24	\$10.41
4" x 21"	100+	\$10.39
	80	\$10.64
	60	\$10.99
	50	\$11.31
	40	\$11.69
	36	\$12.02
	24	\$12.86
4" x 24"	100+	\$10.98
	80	\$11.26
	60	\$11.64
	50	\$12.00
	40	\$12.40
	36	\$12.88
	24	\$13.81
4" x 36"	100+	\$13.18
	80	\$13.68
	60	\$14.27
	50	\$14.81
	40	\$15.34
	36	\$16.07
	24	\$17.44
4" x 54"	100+	\$16.60
	80	\$17.23
	60	\$18.10
	50	\$18.95
	40	\$19.77
	36	\$20.83
	24	\$22.90
4" x 60"	100+	\$17.75
	80	\$18.45
	60	\$19.41
	50	\$20.37
	40	\$21.29
	36	\$22.45
	24	\$24.73



Belt Size	Grit	Price Per Belt
4" x 84"	100+	\$22.28
	80	\$23.28
	60	\$24.62
	50	\$25.92
	40	\$27.19
	36	\$28.85
	24	\$32.05
4" x 118"	100+	\$28.65
	80	\$30.08
	60	\$31.96
	50	\$33.86
	40	\$35.67
	36	\$37.90
	24	\$42.36
4" x 132"	100+	\$31.30
	80	\$32.92
	60	\$34.94
	50	\$37.06
	40	\$39.08
	36	\$41.65
	24	\$46.69

Belt Size	Grit	Price Per Belt
4" x 168"	100+	\$46.69
	80	\$38.08
	60	\$40.12
	50	\$42.79
	40	\$45.42
	36	\$48.00
	24	\$51.26
6" x 48"	100+	\$58.33
	80	\$23.17
	60	\$24.00
	50	\$25.17
	40	\$26.28
	36	\$27.40
	24	\$28.77
6" x 89"	100+	\$31.51
	80	\$34.71
	60	\$36.19
	50	\$38.40
	40	\$40.44
	36	\$42.62
	24	\$45.07

Belt Size	Grit	Price Per Belt
6" x 108"	100+	\$50.12
	80	\$40.03
	60	\$41.86
	50	\$44.54
	40	\$47.00
	36	\$49.66
	24	\$52.67
6" x 132"	100+	\$58.83
	80	\$46.77
	60	\$49.05
	50	\$52.26
	40	\$55.26
	36	\$57.06
	24	\$60.68
6" x 294"	100+	\$70.25
	80	\$92.33
	60	\$97.30
	50	\$104.52
	40	\$111.23
	36	\$118.44
	24	\$126.65

Belt Size	Grit	Price Per Belt
6" x 306"	100+	\$143.35
	80	\$95.72
	60	\$100.88
	50	\$108.37
	40	\$115.36
	36	\$122.88
	24	\$131.37
		\$148.90

PAPER BELTS

PS 20: Primarily for grinding and polishing on metals, but also useful on leather. Closed coat, Aluminum Oxide, resin-resin bonded to heavy F-weight paper. Best for wide belts and stroke sanders.

PS 21: F-weight paper, fully resin-bonded, alumina zirconia grains. Ideal on steel and stainless steel plates. Also for use on stamped parts, final grinding of cast-iron housings, and some woodworking applications

PS 22 ACT: For grinding and polishing metals and for finish sanding on hardwoods and leather. F-weight paper backing, Aluminum Oxide closed coat resin-resin bond available in intermediate and wide belts.

PS 24 ACT: Fully resin-bonded Silicon Carbide material, F-weight paper backing. Works well for non-ferrous metal applications, sanding between coats of paint, lacquer, varnish, etc. in woodworking applications, or for finish sanding of particle board or MDF. Available in wide belts, production belts, or stroke sanding belts.

PS 27W: Silicon Carbide, open coat steatrated on a D-weight backing for wide belts stroked sanding. Best suited for UV finishes or high gloss finishes in the woodworking industry.

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

PS 61: Ceramic Aluminum Oxide, F weight paper backing. Ceramic grains on a durable paper backing create a perfect combination of longevity and economy. Excellent intermediate and finishing properties for steel and stainless steel.

Width	Grit	Price Per Belt
4" x 376"	100+	\$1.28
	80	\$1.38
6" x 274"	100+	\$1.44
	80	\$1.55
6" x 288"	100+	\$1.50
	80	\$1.62
6" x 298"	100+	\$1.54
	80	\$1.66
6" x 328"	100+	\$1.67
	80	\$1.80
6" x 330"	100+	\$1.68
	80	\$1.81
6" x 335"	100+	\$1.70
	80	\$1.83
6" x 376"	100+	\$1.87
	80	\$2.02
6" x 396"	100+	\$1.96
	80	\$2.11

** Add 10% to final price
 *** Add 20% to final price
 **** Add 40% to final price
 † Add 45% to final price

JOINT RECOMMENDATIONS FOR PAPER BELTS

GRIT	JOINT OPTIONS
80 - 120	#4
150+	#1, 4 YT



WATCH MORE
BELTS
 IN ACTION

CLOTH BELTS

CS 308: Our YX weight Aluminum Oxide material is a fully resin-bonded product that offers the benefits of a polyester backing in an X-weight. Use on ferrous or non-ferrous metals and on hardwoods. CS 308 has an extended grit range that allows for coarse to ultra-fine belt sanding and polishing.

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

LS 313: Aluminum Oxide, semi-open coat, highly flexible J-flex backing, fully resin-bonded with a dry lubricant to reduce heat and clogging on stainless steel, aluminum, and titanium grinding and finishing.

CS 320: Silicon Carbide on Y-weight polyester backings. Excellent for wet applications on glass, plastic, and stainless steels where strength of polyester would be a benefit.

CS 321: Waterproof Silicon Carbide X-weight cloth resin bonded for grinding and polishing of glass, non-ferrous metals, plastics, stone, marble, grey cast iron, and titanium. Specially treated for use with water or water-based coolants.

CS 333: A versatile Silicon Carbide, fully resin bonded, X, J, or J-Flex cloth backings for

grinding and polishing of non-ferrous metals, grinding and polishing of plastic, glass, rubber, fiberglass, stone, marble, and grey cast iron.

CS 341: Waterproof Aluminum Oxide fully resin bonded X-weight cloth for metal grinding and polishing where water or soluble oil coolants are used to reduce heat.

CS 412: Aluminum Oxide, resin bonded, Y-weight (Y), and X-weight (YX), polyester-backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

CS 538 ACT: Silicon Carbide, polyester backing and closed coat grain coverage make this a preferred product for the particle board and plywood industries. For wide belts only.

GX 533 JF: Silicon Carbide grains resin-bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. Perfect on non-ferrous metals.

GX 712 JF: Aluminum oxide resin bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. A multibond lubricant is added for cooler grinding and better finishes on ferrous and non-ferrous metals.

* Add 5% to price shown
** Add 10% to price shown
*** Add 20% to price shown
**** Add 16% to price shown

Belt Size	Grit	Price Per Belt
25" x 48"	100+	\$75.50
	80	\$77.95
	60	\$81.85
	50	\$85.25
	40	\$89.05
	36	\$93.37
	24	\$102.14
25" x 60"	100+	\$86.18
	80	\$89.29
	60	\$94.14
	50	\$98.40
	40	\$103.14
	36	\$108.58
	24	\$119.50
25" x 75"	100+	\$99.55
	80	\$103.46
	60	\$109.48
	50	\$114.87
	40	\$120.74
	36	\$127.54
	24	\$141.22

Belt Size	Grit	Price Per Belt
30" x 103"	100+	\$148.91
	80	\$155.39
	60	\$165.35
	50	\$174.20
	40	\$183.77
	36	\$195.18
	24	\$217.47
36" x 60"	100+	\$123.44
	80	\$127.99
	60	\$134.94
	50	\$141.10
	40	\$147.93
	36	\$155.77
	24	\$171.48
36" x 75"	100+	\$142.56
	80	\$148.22
	60	\$156.91
	50	\$164.62
	40	\$173.16
	36	\$182.97
	24	\$202.59

Belt Size	Grit	Price Per Belt
37" x 60"	100+	\$130.29
	80	\$135.06
	60	\$142.44
	50	\$148.97
	40	\$156.11
	36	\$164.43
	24	\$180.98
37" x 75"	100+	\$150.42
	80	\$156.44
	60	\$165.61
	50	\$173.77
	40	\$182.70
	36	\$193.12
	24	\$213.83
43" x 75"	100+	\$173.93
	80	\$180.79
	60	\$191.43
	50	\$200.89
	40	\$211.11
	36	\$223.37
	24	\$247.30

Belt Size	Grit	Price Per Belt
50" x 103"	100+	\$246.73
	80	\$257.59
	60	\$274.15
	50	\$288.93
	40	\$305.15
	36	\$323.86
	24	\$361.29
52" x 75"	100+	\$213.12
	80	\$221.64
	60	\$234.66
	50	\$246.31
	40	\$259.05
	36	\$273.76
	24	\$303.21
52" x 103"	100+	\$266.39
	80	\$278.03
	60	\$295.91
	50	\$311.96
	40	\$329.37
	36	\$349.62
	24	\$389.98



KLINGSPOR
BELT
JOINTS



PAPER BELTS

PS 20: Primarily for grinding and polishing on metals, but also useful on leather. Closed coat, Aluminum Oxide, resin-resin bonded to heavy F-weight paper. Best for wide belts and stroke sanders.

PS 21: *** F-weight paper, fully resin-bonded, alumina zirconia grains. Ideal on steel and stainless steel plates. Also for use on stamped parts, final grinding of cast-iron housings, and some woodworking applications

PS 22 ACT: For grinding and polishing metals and for finish sanding on hardwoods and leather. F-weight paper backing. Aluminum Oxide closed coat resin-resin bond available in intermediate and wide belts.

PS 24 ACT: ** Fully resin-bonded Silicon Carbide material, F-weight paper backing. Works well for non-ferrous metal applications, sanding between coats of paint, lacquer, varnish, etc. in woodworking applications, or for finish sanding

of particle board or MDF. Available in wide belts, production belts, or stroke sanding belts.

PS 27W: † Silicon Carbide, open coat steared on a D-weight backing for wide belts stroked sanding. Best suited for UV finishes or high gloss finishes in the woodworking industry.

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight

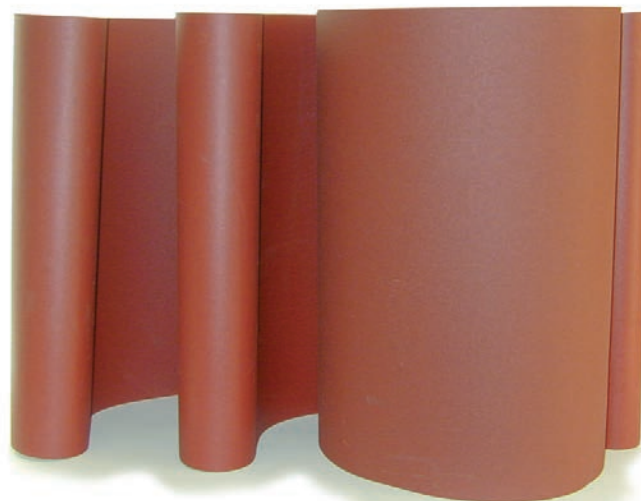
paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

PS 61: **** Ceramic Aluminum Oxide, F weight paper backing. Ceramic grains on a durable paper backing create a perfect combination of longevity and economy. Excellent intermediate and finishing properties for steel and stainless steel.

*** Add 10% to final price
 **** Add 20% to final price
 **** Add 40% to final price
 † Add 50% to final price

Width	Grit	Price Per Belt
19" x 48"	100+	\$54.06
	80	\$56.15
24" x 55"	100+	\$70.27
	80	\$73.24
24" x 60"	100+	\$73.04
	80	\$65.05
24" x 84"	100+	\$86.30
	80	\$68.99
25" x 48"	100+	\$67.22
	80	\$60.51
25" x 60"	100+	\$63.86
	80	\$66.78
25" x 75"	100+	\$82.36
	80	\$86.62
30" x 103"	100+	\$96.54
	80	\$102.38
36" x 60"	100+	\$88.72
	80	\$92.75
36" x 75"	100+	\$98.18
	80	\$103.29

Width	Grit	Price Per Belt
37" x 60"	100+	\$95.03
	80	\$99.42
37" x 75"	100+	\$105.41
	80	\$110.87
43" x 75"	100+	\$121.92
	80	\$128.08
50" x 103"	100+	\$163.47
	80	\$173.14
52" x 75"	100+	\$149.12
	80	\$156.76
52" x 103"	100+	\$176.40
	80	\$186.76
62" x 103"	100+	\$202.08
	80	\$214.03
64" x 103"	100+	\$208.44
	80	\$220.91

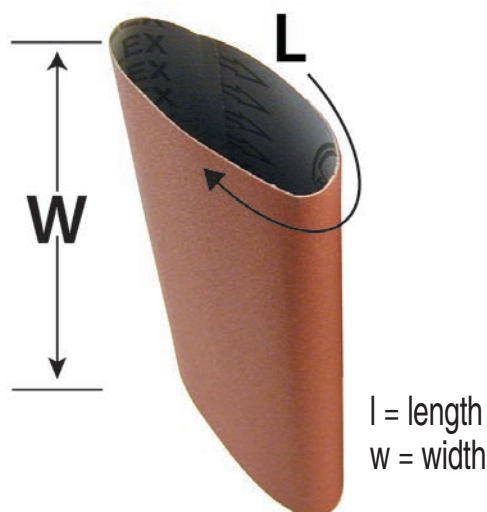


KLINGSPOR
WIDE
 BELTS

ALUMINUM OXIDE FLEXIBLE-BACKED MATERIAL

Standard Size dia. x width*	Standard Belt Size width x length	Grit	Price Per Sleeve
2" x 9"	9" x 7-15/32"	100+	\$4.16
		80	\$4.39
3" x 9"	9" x 10-5/8"	100+	\$5.90
		80	\$6.22
4" x 9"	9" x 13-3/4"	100+	\$7.67
		80	\$8.04
6" x 9"	9" x 20"	100+	\$10.28
		80	\$10.87
8" x 9"	9" x 26-5/16"	100+	\$14.61
		80	\$15.40
2" x 8"	8" x 7-15/32"	100+	\$3.82
		80	\$4.06
3" x 8"	8" x 10-5/8"	100+	\$5.30
		80	\$5.55
4" x 8"	8" x 13-3/4"	100+	\$6.71
		80	\$7.05
6" x 8"	8" x 20"	100+	\$8.84
		80	\$9.34
8" x 8"	8" x 26-5/16"	100+	\$11.97
		80	\$12.62
12" x 7"	7" x 7-15/32"	100+	\$3.82
		80	\$4.05
3" x 7"	7" x 10-5/8"	100+	\$5.30
		80	\$5.57
4" x 7"	7" x 13-3/4"	100+	\$6.71
		80	\$6.69
6" x 7"	7" x 20"	100+	\$8.84
		80	\$9.34
8" x 7"	7" x 26-5/16"	100+	\$11.99
		80	\$12.62

- Any pump sleeves under 10" in length will have a straight joint.
- Consider LS 318 as an open coat option for pump sleeves.



PUMP DRUMS

Size	Item Number	Net Price
2" x 7" x 1"	PUMPDRUM2X7X25	\$318.49
2" x 9" x 3/4"	PUMPDRUM2X9X20	\$190.08
2" x 9" x 1"	PUMPDRUM2X9X25	\$190.08
3" x 9" x 1-1/4"	PUMPDRUM3X9X32	\$235.79
4" x 7" x 1-1/4"	PUMPDRUM4X7X32	\$235.79
4" x 9" x 1-1/4"	PUMPDRUM4X9X32	\$235.79
6" x 7" x 1-1/4"	PUMPDRUM6X7X32	\$293.30
6" x 9" x 1-1/4"	PUMPDRUM6X9X32	\$307.96
8" x 9" x 1-1/4"	PUMPDRUM8X9X32	\$433.08

NET PRICE PER EACH

Pump Drum Repair Kit - Kit includes screws,
1 tube of rubber adhesive, 1 roll of tape and 6 valves
#PUMPDRUMREPAIRKIT\$82.30

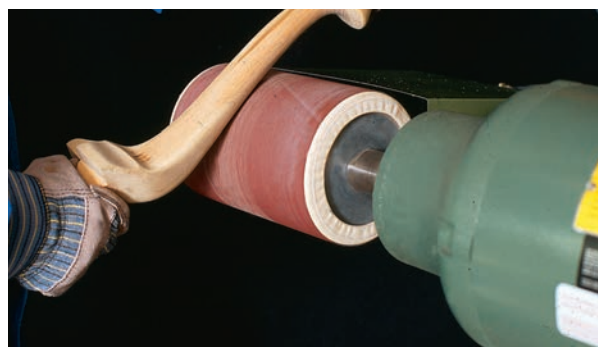
Pump Drum Valve Stem
#PUMPDRUMVALVESTEM\$18.92

PUMP DRUM BLADDERS

Size	Item Number	Net Price
2" x 9"	PUMPDRUMBLAD2X9	\$34.88
3" x 9"	PUMPDRUMBLAD3X9	\$42.10
4" x 9"	PUMPDRUMBLAD4X9	\$42.10
6" X 7"	PUMPDRUMBLAD6X7	\$60.15
6" X 9"	PUMPDRUMBLAD6X9	\$69.78
8" X 9"	PUMPDRUMBLAD8X9	\$84.21

ARBOR ADAPTERS

Size	Item Number	Net Price Per Pair
1-1/4" - 1"	PUMPDRUMADAPT01	\$17.28
1-1/4" - 3/4"	PUMPDRUMADAPT02	\$17.28
1" - 3/4"	PUMPDRUMADAPT03	\$17.28
1-1/4" - 5/8"	PUMPDRUMADAPT04	\$17.28



**PS 35 LIGHTWEIGHT SILICON
CARBIDE STEARATE
• B WEIGHT PAPER**


B-weight Silicon Carbide paper, resin bonded, open coat top-coated with Zinc Stearate dry lubricant. Suitable for sanding contoured surfaces or flat surfaces by hand, with sanding blocks, or on vibrating sanders. Ideal for sanding primer, paint, bare metal, and rust, or in woodworking, for sanding sealer, wash coats, bare softwoods and hardwoods, and between coats of furniture finishes.

Size	Grit	Price Per Pack
9" x 11"	120+	\$47.25
50/Pack	80	\$59.48
4-1/2" x 11"	120+	\$62.07
100/Pack	80	N/A
3-2/3" x 9"	120+	\$38.79
100/Pack	80	N/A
4-1/2" x 5-1/2"	120+	\$31.03
100/Pack	80	\$33.67

**PL 31 OPEN COAT ALUMINUM
OXIDE B WEIGHT PAPER**


Aluminum Oxide open coat B weight paper material. Produces a soft consistent finish at a budget price.

Size	Grit	Price Per Pack
9" x 11"	100+	\$39.05
50/Pack	80B	\$43.60
	60B	\$48.25
	40B	\$68.29

**PSA SHEETS FOR POWER
SHEET SANDERS - PS33**


Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.

Size	Grit	Price Per Pack
4-1/2" x 4-1/2"	100+	\$41.79
100/Roll	80	\$49.15
3-2/3" x 7"	100+	\$53.32
100/Roll	80	\$60.32
2-3/4" x 8"	100+	\$46.70
100/Roll	80	\$54.08
3" x 4-3/8"	100+	\$34.72
100/Roll	80	N/A



SANDPAPER
BEHIND
THE SCENES



**PS 33 ALUMINUM OXIDE
STEARATE • B/C WEIGHT PAPER**

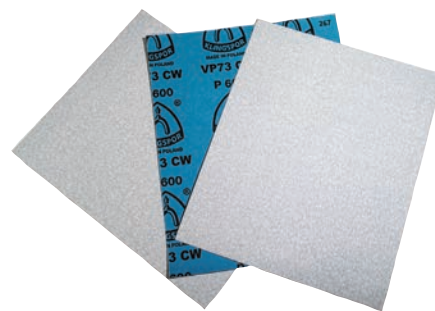

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.

Size	Grit	Price Per Pack
9" x 11"	600B-150B	\$77.21
50/Pack	120C-100C	\$77.21
	80	\$84.92
	60	\$96.50
	40	\$120.94
4-1/2" x 11"	600B-150B	\$87.50
100/Pack	120C-100C	\$87.50
	80	\$97.79
	60	\$110.64
	40	\$138.96
3-2/3" x 9"	600B-150B	\$59.22
100/Pack	120C-100C	\$59.22
	80	\$66.90
	60	\$74.60
	40	\$94.85
4-1/2" x 5-1/2"	600B-150B	\$43.77
100/Pack	120C-100C	\$43.77
	80	\$46.34
	60	\$56.61
	40	\$69.51

**PS 11 SILICON CARBIDE
WATERPROOF • A/C WEIGHT
LATEX PAPER**

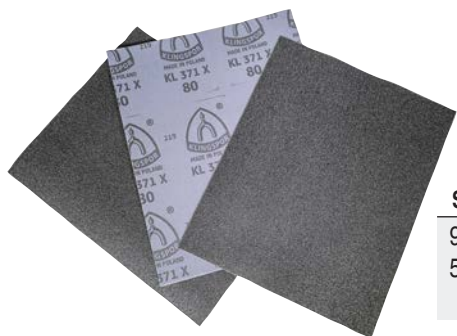

Waterproof Silicon Carbide, A and C-weight papers, resin-resin bonded and available in grits P60 - P2000. Use for sanding of furniture finishes such as varnish, lacquer, shellac, oil, polishing of glass, and in automotive body shops for final color sanding of paint.

Size	Grit	Price Per Pack
9" x 11"	2000A-220A	\$76.35
50/Pack	180C	\$82.68
	150C	\$87.76
	120C	\$92.87
	100C	\$106.84
	80C	\$122.11
3-2/3" x 9"	2000A-220A	\$58.55
100/Pack	180C	\$63.61
	150C	\$68.71
	120C	\$71.19
	100C	\$81.40
	80C	\$94.15
4-1/2" x 5-1/2"	2000A-220A	\$40.70
100/Pack	180C	\$45.81
	150C	\$48.33
	120C	\$53.41
	100C	\$63.61
	80C	\$71.19

**VP 73W ALUMINUM OXIDE
STEARATE LATEX PAPER**


Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used on bare wood, composite, marine and autobody. This material is not waterproof.

Size	Grit	Price Per Pack
9" x 11"	100+	\$88.77
50/Pack	80	\$97.67
4-1/2" x 11"	100+	\$100.58
100/Pack	80	\$112.44
3-2/3" x 9"	100+	\$71.00
100/Pack	80	\$76.91
4-1/2" x 5-1/2"	100+	\$50.32
100/Pack		\$53.29

KL 371 EMERY CLOTH • HEAVY COTTON CLOTH


Grits P40 - P320 contain emery grain, a natural form of Aluminum Oxide, glue-glue bond, medium weight cloth similar to X-weight for general purpose grinding and polishing of metals. The lightweight cloth backing is similar to J-weight.

Size	Grit	Price Per Pack
9" x 11"	320-80	\$123.51
50/Pack	60-50	\$140.25
	40	\$162.13



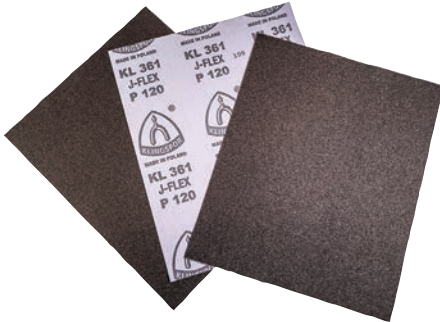
PS 10 GARNET • A/C/D WEIGHT PAPER



Premium Garnet material used in hand, fine finish type sanding, or sanding undercoats of finishing materials. Offers a "softer" cut that leaves a smoother surface. Sheets only.

Size	Grit	Price Per Pack
9" x 11"	220A	\$41.16
50/Pack	180A	\$41.16
	150A	\$41.16
	120A	\$41.16
	100A	\$41.16
	80A	\$48.90

KL 361 "PREMIUM" ALUMINUM OXIDE CLOTH FLEXIBLE COTTON CLOTH



Aluminum Oxide J-flex cloth backing, resin-resin bonded for general purpose use on all metals or wood. Shop roll material.

Size	Grit	Price Per Pack
9" x 11"	100+	\$155.70
50/Pack	80	\$166.00
	60	\$200.69
	40	\$232.86
4-1/2" x 11"	100+	\$180.15
100/Pack	80	\$193.00
	60	\$231.67
	40	N/A
3-2/3" x 9"	100+	\$118.30
100/Pack	80	\$126.09
	60	\$154.40
	40	N/A
4-1/2" x 5-1/2"	100+	\$90.06
100/Pack	80	\$95.24
	60	\$115.80
	40	N/A

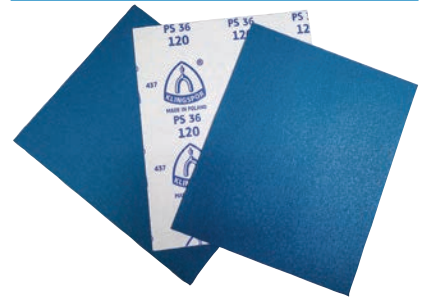
FP 77 ALUMINUM OXIDE FILM WITH TACT



Aluminum Oxide on a 3 mil poly film in grits 60-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof.

Size	Grit	Price Per Pack
9" x 11"	80 - 2000	\$115.34
50/Pack		

PS 36 ALUMINA ZIRCONIA STEARATE • C/D WEIGHT PAPER



This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. Excellent results can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product.

Size	Grit	Price Per Pack
9" x 11" 50/Pack	100C+	\$93.21
	80C	\$102.52
	60C	\$116.50
	40D	\$145.97
25/Pack	36D	\$86.79
4-1/2" x 11" 100/Pack	100C+	\$105.62
	80C	\$118.07
	60C	\$133.58
	40D	N/A
	36D	\$99.74
3-2/3" x 9"	100C+	\$71.49
100/Pack	80C	\$80.75
	60C	\$90.06
	40D	\$111.82
50/Pack	36D	\$66.50
4-1/2" x 5-1/2"	100C+	\$52.81
100/Pack	80C	\$55.90
	60C	\$68.32
	40D	\$83.85
	36D	\$99.67



25 meter (27 yard) rolls available at 75% off prices shown • 50 meter (54-1/2 yard) rolls available at 50% off prices shown
Shorter lengths in 10 meter increments available with a 15% up charge


**CLOTH ROLLS 100 METERS
- 109 YARD**

CS 308: Our YX weight Aluminum Oxide material is a fully resin-bonded product that offers the benefits of a polyester backing in an X-weight. Use on ferrous or non-ferrous metals and on hardwoods. CS 308 has an extended grit range that allows for coarse to ultra-fine belt sanding and polishing.

LS 309: Aluminium Oxide, fully resin bonded, J or J-flex cotton cloth for polishing ferrous or non-ferrous metals and hardwoods where belt conformability to the work piece is required. Narrow belts and some intermediate belts. XH backing is for portable belts only.


CS 310: Aluminum Oxide, X cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.


LS 312:  Aluminum Oxide, semi-open coat resin bonded with a special top coating to aid in cooling and to resist loading. Very flexible, J-Flex cloth backing for severely contoured workpieces. Best suited for polishing stainless steel and high alloy steels. other ferrous metals and non-ferrous metals.

LS 313: ** Aluminum Oxide, semi-open coat, highly flexible J-flex backing, fully resin-bonded with a dry lubricant to reduce heat and clogging on stainless steel, aluminum, and titanium grinding and finishing.


CS 320: Silicon Carbide on Y-weight polyester backings. Excellent for wet applications on glass, plastic, and stainless steels where strength of polyester would be a benefit.

CS 321:  Waterproof Silicon Carbide X-weight cloth resin bonded for grinding and polishing of glass, non-ferrous metals, plastics, stone, marble, grey cast iron, and titanium. Specially treated for use with water or water-based coolants.

CS 333: A versatile Silicon Carbide, fully resin bonded, J, or J-Flex cloth backings for grinding and polishing of non-ferrous metals, grinding and polishing of plastic, glass, rubber, fiberglass, stone, marble, and grey cast iron.

CS 341:  Waterproof Aluminum Oxide fully resin bonded X-weight cloth for metal grinding and polishing where water or soluble oil coolants are used to reduce heat.

CS 411 X *, Y ****:** Alumina Zirconia resin-bonded, with backings available in both X-weight cloth (YX) or polyester cloth in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

CS 412:  Aluminum Oxide, resin bonded, Y-weight (Y), and X-weight (YX), polyester-backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

CS 710:  Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

Width	Grit	Price Per Roll
1"	100+	\$144.33
	80	\$150.34
	60	\$164.92
	50	\$174.02
	40	\$185.53
	36	\$200.05
2"	100+	\$277.11
	80	\$291.61
	60	\$315.27
	50	\$335.90
	40	\$359.56
	36	\$386.24
3"	100+	\$406.82
	80	\$430.49
	60	\$468.69
	50	\$484.33
	40	\$533.53
	36	\$574.79
4"	100+	\$539.02
	80	\$571.74
	60	\$618.43
	50	\$663.30
	40	\$706.99
	36	\$763.36
5"	100+	\$671.82
	80	\$709.00
	60	\$771.81
	50	\$793.18
	40	\$825.19
	36	\$883.98
6"	100+	\$804.59
	80	\$851.86
	60	\$922.21
	50	\$987.07
	40	\$1,058.03
	36	\$1,137.43

**PAPER ROLLS 100 METERS
- 109 YARD**

PS 20: Primarily for grinding and polishing on metals, but also useful on leather. Closed coat, Aluminum Oxide, resin-resin bonded to heavy F-weight paper. Best for wide belts and stroke sanders.

PS 21: F-weight paper, fully resin-bonded, alumina zirconia grains. Ideal on steel and stainless steel plates. Also for use on stamped parts, final grinding of cast-iron housings, and some woodworking applications. Add 20% to price shown

PS 22 ACT: For grinding and polishing metals and for finish sanding on hardwoods and leather. F-weight paper backing, Aluminum Oxide closed coat resin-resin bond available in intermediate and wide belts.

PS 24 ACT: Fully resin-bonded Silicon Carbide material, F-weight paper backing. Works well for non-ferrous metal applications, sanding between coats of paint, lacquer, varnish, etc. in woodworking applications, or for finish sanding of particle board or MDF. Available in wide belts, production belts, or stroke sanding belts. Add 10% to price shown

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

Width	Grit	Price Per Roll
2"	100+	\$145.04
	80	\$159.29
	60	\$179.93
	50	\$204.08
	40	\$224.48
3"	100+	\$211.20
	80	\$230.68
	60	\$262.43
	50	\$297.25
	40	\$334.95
4"	100+	\$276.63
	80	\$304.37
	60	\$345.61
	50	\$390.44
	40	\$442.33
4-1/2"	100+	\$309.36
	80	\$338.86
	60	\$387.22
	50	\$438.80
	40	\$494.24
5"	100+	\$342.07
	80	\$373.35
	60	\$428.79
	50	\$487.12
	40	\$546.18
6"	100+	\$408.25
	80	\$445.85
	60	\$511.31
	50	\$580.98
	40	\$653.55



*** Add 5% to final price ** Add 10% to final price

*** 24-36 Grit - Add 40.32% to price shown
40-60 Grit - Add 33.10% to price shown
80 Grit - Add 27.56% to price shown
120 Grit - Add 27.56% to price shown

**** 24-36 Grit - Add 57.15% to price shown
40-60 Grit - Add 49.71% to price shown
80 Grit - Add 46.05% to price shown
120 Grit - Add 31.14% to price shown

KLING-ON® ROLLS

PS 33

Size	Grit	Price Per Roll
2-3/4" x 10MT	40	\$33.02
	80	\$30.68
	100+	\$26.22
3-2/3" x 10MT	40	\$45.33
	80	\$42.26
	100+	\$41.92

VP 73W

Size	Grit	Price Per Roll
3-2/3" x 10MT	100+	\$39.07
4-1/2" x 10MT	100+	\$41.12

PS 29 For Drum Sanding

Size	Grit	Price Per Roll
6" x 10MT	40	\$109.12
	60	\$94.06
	80	\$74.44
	100+	\$68.16

PS 36

Size	Grit	Price Per Roll
2-3/4" x 10MT	40	\$40.58
	80	\$37.54
3-2/3" x 10MT	100+	\$42.97
4-1/2" x 10MT	80	\$56.33
	100+	\$48.32

FP 77

Size	Grit	Price Per Roll
2-3/4" x 10MT	80-2000	\$37.03

10MT = APPROX 33 FEET



PS 33: Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials. [Semi-Open Coat](#)

VP 73W: Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used anywhere the regular PS33 is found including bare wood, composite, marine and autobody. This material is not waterproof. [Semi-Open Coat](#)

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood. [Open Coat](#)

PS 36: This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. Excellent results can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product. [Semi-Open Coat](#)

FP 77: Aluminum Oxide on a C weight paper backing in grits 60-220, and on a 3 mil poly film (FP 77) in grits 320-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof. [Semi-Open Coat](#)



PSA ROLLS WITH LINER

PS 33

Size	Grit	Price Per Roll
2-3/4" x 10MT	40	\$23.96
	80	\$23.96
	100+	\$21.48
4-1/2" x 10MT	40	\$39.42
	80	\$31.57
	100+	\$29.22

PS 29

Size	Grit	Price Per Roll
2-3/4" x 10MT	40	\$43.86
	60	\$38.32
	80	\$40.07
	100+	\$35.78
4-1/2" x 10MT	40	\$71.81
	60	\$65.80
	80	\$57.34
	100+	\$44.95

PS 36

Size	Grit	Price Per Roll
2-3/4" x 10MT	40	\$34.49
	60	\$25.82
	80	\$22.26
	100+	\$21.99
4-1/2" x 10MT	40	\$50.24
	80	\$36.99
	100+	\$35.90

10MT = APPROX 33 FEET



SPONGE BOX SQUARE PADS - For Dry Use Only

Sponge Box Square Pads are available in 2 material types: VP 73W aluminum oxide stearate and PS 35 silicon carbide stearate. Both are applied to a pliable, yet durable foam roll. This spongy foam roll has been perforated for a quick dispersion of the 4-1/2 X 5-1/2 square pads. Sponge box square pads are ideal for every finishing department.

Size	Grit	Item #	Price Per Box	Size	Grit	Item #	Price Per Box
4.5" X 5.5	073 0180W	SPONGEBOX180	\$98.09	4.5" X 5.5	035 0220W	SPONGEBOXPS35220	\$82.76
130/RL	073 0220W	SPONGEBOX220	\$98.09	130/RL	035 0320W	SPONGEBOXPS35320	\$82.76
	073 0240W	SPONGEBOX240	\$98.09		035 0400W	SPONGEBOXPS35400	\$82.76
	073 0320W	SPONGEBOX320	\$98.09				
	073 0400W	SPONGEBOX400	\$98.09				
	073 0600W	SPONGEBOX600	\$98.09				
	073 0800W	SPONGEBOX800	\$95.06				

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 over competitive products.

- The high quality silicon carbide, as well as both brown and white aluminum oxide abrasive grains are applied directly to the foam surface.
- Resists loading due to Proprietary grain to foam adhesion, which reduces heat build-up.
- Designed and engineered to obtain an even, uniform surface on contoured or flat surfaces.
- Because of the special coating of the foam, the flexibility of the disc requires no costly, time-consuming interface pads.
- Fusion Foam may be used either wet or dry.
- Fusion Foam Discs attach quickly and easily by way of a special velour backing and releases just as quickly from your hook & loop ready backing pad.

FUSION DISCS

Diameter	Grit	Price Per Disc
3"	2800-3500	\$4.02
5/Box	1800-2500	\$4.02
	1200-1500	\$4.02
	800-1200	\$4.02
5"	2800-3500	\$6.98
5/Box	1800-2500	\$6.98
	1200-1500	\$6.98
	800-1200	\$6.98
	600-700	\$4.45
	220-320	\$4.45
	120-150	\$4.45
6"	2800-3500	\$8.89
5/Box	1800-2500	\$8.89
	1200-1500	\$8.89
	800-1200	\$8.89
	600-700	\$5.74
	220-320	\$5.74
	120-150	\$5.74

FUSION PADS

Size	Grit	Price Per Pad
3"x4-1/4"x1/2"*	600-700	\$2.12
5/Box	280-380	\$2.12
	220-320	\$2.12
	120-150	\$2.12
3"x4-1/4"x5mm*	1800-2500	\$2.12
5/Box	1200-1500	\$2.16
	800-1200	\$2.12
	600-700	\$2.12
	280-380	\$2.12
	220-320	\$2.12
	120-150	\$2.12



10 MM FUSION FOAM

KLINGSPOR's new 10 MM thick Fusion Foam has the capability to scuff and sand both flat and contoured surfaces without leaving deep scratches. Curved and sloped surfaces as well as cabinet door profiles and raised panels are all perfect applications for this product. Also great for turned workpieces. Sizes will be set up as needed.

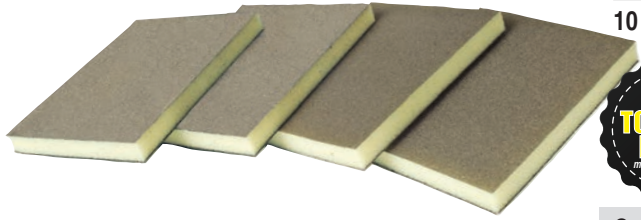
Size	Grit	Price Per Pad
3"x4-1/4"x10mm*	1000 SC	\$2.96
5/Box	600-700 AO	\$2.96
	280-380 AO	\$2.96
	220-320 AO	\$2.96
	120-150 AO	\$2.96



SCAN HERE TO
LEARN MORE ABOUT

FUSION FOAM



FOAM SANDING PADS - For Dry Use Only

Unit	SC Item #	AO Item #	Grit	Price Per Pack
10 Pack	FS220SC-10	FS220AO-10	220	\$23.22
	FS180SC-10	FS180AO-10	180	\$23.22
	FS120SC-10	FS120AO-10	120	\$23.22
	FS100SC-10	FS100AO-10	100	\$23.22
	FS080SC-10	FS080AO-10	80	\$23.22
	FS060SC-10	FS060AO-10	60	\$23.22
Case (250)	FOAMSAND220SC	FOAMSANDING220	220	\$522.46
	FOAMSAND180SC	FOAMSANDING180	180	\$522.46
	FOAMSAND120SC	FOAMSANDING120	120	\$522.46
	FOAMSAND100SC	FOAMSANDING100	100	\$522.46
	FOAMSAND080SC	FOAMSANDING080	80	\$522.46
	FOAMSAND060SC	FOAMSANDING060	60	\$522.46

The Foam Sanding Pad can be used on severely profiled parts, because it is more flexible and much thinner. The foam pad measures 3.5" x 4.5" and 1/2" thick. KLINGSPOR Foam Sanding Sponges are now produced with the latest technological advances. These general purpose foam pads are solvent free and outperform other similar pads on the market. **Best used with light pressure.**



The UltraFlex Sanding Pads are the premium foam pads on the market. These incorporate a dense foam structure and a full, even coating of either ALUMINUM OXIDE or SILICON CARBIDE grains. This makes for an extremely long-lasting pad that is very flexible for finish-sanding of contoured parts and profiles. The pad measures 4-1/2" wide and 5-1/2" long. **Best used with light pressure.**

ULTRA FLEX SANDING PADS - For Wet / Dry Use

Unit	SC Item #	AO Item #	Grit	Price Per Pack
10 Pack	UF320SC-10	UF320AO-10	320	\$23.22
	UF220SC-10	UF220AO-10	220	\$23.22
	UF180SC-10	UF180AO-10	180	\$23.22
	UF120SC-10	UF120AO-10	120	\$23.22
		UF100AO-10	100	\$23.22

SANDING SPONGES - For Dry Use Only

Our Sanding Sponge* is meant for the sanding of slight contours and flat parts. It measures approximately 4" in length, 3" in width and 1-1/4" thick. **Best used with light pressure.**

Unit	Item #	Grit	Price Per Pack	Unit	Item #	Grit	Price Per Pack
10 Pack	SS220-10	220	\$23.22	Case (250)	SANDINGSPONG220	220	\$522.46
	SS180-10	180	\$23.22		SANDINGSPONG180	180	\$522.46
	SS120-10	120	\$23.22		SANDINGSPONG120	120	\$522.46
	SS100-10	100	\$23.22		SANDINGSPONG100	100	\$522.46
	SS080-10	80	\$23.22		SANDINGSPONG080	80	\$522.46
	SS060-10	60	\$23.22		SANDINGSPONG060	60	\$522.46



* Sponges are available in Aluminum Oxide only.

ANGLED SANDING SPONGES - For Dry Use Only

Our Sanding Sponge is meant for the sanding of slight contours and flat parts. It measures approximately 4" in length, 3" in width and 1-1/4" thick. **Best used with light pressure.**

Unit	Item #	Grit	Price Per Pack	Unit	Item #	Grit	Price Per Pack
10 Pack	SS220SA-10	220	\$29.11	Case (250)	SANDINGSPONG220SA	220	\$662.57
	SS180SA-10	180	\$29.11		SANDINGSPONG180SA	180	\$662.57
	SS120SA-10	120	\$29.11		SANDINGSPONG120SA	120	\$662.57
	SS100SA-10	100	\$29.11		SANDINGSPONG100SA	100	\$662.57
	SS060SA-10	60	\$29.11		SANDINGSPONG060SA	60	\$662.57



* Sponges are available in Aluminum Oxide only.

SPINDLE MOUNTED MAC MOP

The very best tool for final finishing, polishing, and making decorative finishes on severe profiles. 1/4" shank allows mounting in many 1/4" tools.



Dia x Width	Grit	Price Per Mop
7" x 1" x 1/4"	240	\$54.91
4,200 MAX RPM	180	\$54.91
	120	\$54.91
	80	\$54.91
7" x 2" x 1/4"	240	\$62.76
4,200 MAX RPM	180	\$62.76
	120	\$62.76
	80	\$62.76

MAC MOP



The very best tool for final finishing, polishing, and making decorative finishes on severe profiles. **Must be used with KLINGSPOR SMD 612 - 6-1/2" mounting plates.**

Dia x Width	Grit	Price Per Mop
10" x 2"	180	\$219.43
3,400 MAX RPM	150	\$219.43
	120	\$189.69
	100	\$189.69
	80	\$189.69
10" x 4"	180	\$390.54
3,400 MAX RPM	150	\$390.54
	120	\$323.11
	100	\$323.11
	80	\$323.11

Recommended RPM 1,700 - 2,500

KM 613 SPINDLE MOUNTED FLAPWHEEL



**VERY IMPORTANT
NOT TO EXCEED
RECOMMENDED RPM!**

Superb for finish-sanding of small metal contoured parts, in and around radii or into holes. **Available Grits: 40, 60, 80, 120, 180, 240 • Minimum Package: 1 Box of 10 per size and grit *Other sizes are available. Please call for pricing.**

Dia x Width x Spindle	Max RPM	Price Per Flapwheel
1" x 1/2" x 1/4"	30,000	\$7.78
1" x 1" x 1/4"	30,000	\$8.31
1-1/2" x 1/2" x 1/4"	25,000	\$8.83
1-1/2" x 1" x 1/4"	25,000	\$9.89
2" x 1/2" x 1/4"	25,000	\$10.30
2" x 3/4" x 1/4"	25,000	\$10.83
2" x 1" x 1/4"	25,000	\$11.65
2-1/2" x 1/2" x 1/4"	20,000	\$11.03
2-1/2" x 1" x 1/4"	20,000	\$12.53
2-1/2" x 2" x 1/4"	20,000	\$18.12
3" x 1/2" x 1/4"	12,000	\$11.80
3" x 3/4" x 1/4"	12,000	\$13.60
3" x 1" x 1/4"	12,000	\$14.60
3" x 2" x 1/4"	12,000	\$20.49



WSM 617

This useful and versatile flapwheel makes metal finishing easier. The WSM 617 has a solid center with a built-in 5/8"-11 threaded hole for use on most angle-grinders. With this type of flapwheel, the larger surface area of the face is used, making it a quicker way to apply finishing touches or a unique decorative finish to your metal workpiece. For extended life, use at a slower RPM between 7,500 and 8,600. Sold 2 per box.

Dia x Width x Spindle	Max RPM	Recommended RPM	120 Grit	80 Grit	60 Grit	40 Grit
4-1/2" x 3/4" x 5/8" - 11"	13,300	8,600	\$31.43	\$31.43	\$29.67	\$29.67

WSM617 great for stainless steel kitchen manufacturers, and blending weld seams for a linear scratch pattern.



SM 611 ABRASIVE FLAPWHEELS

Flapwheels in this column **require** SMD 612 Mounting Plates

Diameter x Width	Grit	Price Per Flapwheel	Diameter x Width	Grit	Price Per Flapwheel
4" x 2"	180	\$47.53	12" x 1-3/16"	180	\$191.30
9,500 RPM	100	\$45.42	3,200 RPM	100	\$177.12
	60	\$39.87	12" x 2"	180	\$266.28
	50	\$39.87	3,200 RPM	120	\$223.05
5-1/2" x 1"	240	\$47.53		60	\$191.30
6,800 RPM	180	\$39.87		50	\$191.30
	100	\$35.83	12" x 3"	240	\$424.03
	80	\$35.83	3,200 RPM	60	\$258.64
	60	\$32.22	14" x 2"	220	\$358.52
5-1/2" x 2"	220	\$60.37	2,500 RPM	120	\$284.19
6,800 RPM	100	\$55.71		80	\$284.19
	80	\$55.71	16" x 3"	320	\$674.71
	60	\$47.53	2,300 RPM	180	\$674.71
	40	\$47.53		60	\$459.44
10" x 1"	240	\$140.98			
3,800 RPM	180	\$122.93			
	120	\$106.43			
	80	\$106.43			
10" x 2"	320	\$226.51			
3,800 RPM	240	\$226.51			
	120	\$172.94			
	80	\$172.94			
	60	\$148.40			
	40	\$148.40			
	320	\$292.95			
10" x 3"	120	\$223.05			
3,800 RPM	60	\$191.30			

- 4", 5", 5 1/2", & 12" wheels can be customized to be used with mounting plates.

Flapwheels in these two columns **cannot use** SMD 612 Mounting Plates

Diameter x Width	Grit	Price Per Flapwheel	Diameter x Width	Grit	Price Per Flapwheel
6" x 1" x 1"	320	\$52.88	8" x 1" x 1"	240	\$97.79
	180	\$48.83	4,800 RPM	120	\$77.26
	120	\$42.00		100	\$77.26
	80	\$41.99		80	\$77.26
	60	\$38.55		60	\$66.91
	40	\$37.86	8" x 1 3/16" x 1"	180	\$97.79
6" x 2" x 1"	120	\$73.51	4,800 RPM	120	\$84.61
	80	\$68.41		80	\$84.07
	60	\$55.71		60	\$77.26
	50	\$53.44	8" x 2" x 1"	320	\$179.98
	40	\$43.23	4,800 RPM	220	\$152.11
6-1/2" x 1" x 1"	320	\$58.21		180	\$149.13
5,800 RPM	240	\$58.21		120	\$120.73
	220	\$52.89		100	\$120.73
	180	\$52.89		80	\$120.73
	120	\$45.02		60	\$100.46
	100	\$45.02		50	\$102.49
	80	\$45.02	10" x 2" x 1"	320	\$231.05
	60	\$41.02	3,800 RPM	240	\$226.51
	50	\$41.02		180	\$204.14
	40	\$41.02			
6-1/2" x 2" x 1"	320	\$95.07			
5,800 RPM	240	\$95.07			
	220	\$84.48			
	180	\$84.48			
	120	\$74.19			
	100	\$74.19			
	80	\$74.18			
	60	\$62.13			
	50	\$62.13			
	40	\$62.13			

** 1" arbor holes of 6", 8", & 10" wheels can be bored out to up to 1-1/2".

*** The widths of 6", 8", & 10" wheels can be varied between 1/2" minimum width and 3" maximum width, with a 2-3 week lead time.

****While all SM 611 Flapwheels listed are available, not all are in-stock items. Inquire about availability.**

SM 612 MOUNTING PLATES

REQUIRED! Top quality alignment for your SM 611 flapwheels. For repeated use with SM 611 and the Mac Mop. Specify arbor hole size. **Flanges for 4" Flapwheels thru 12" Flapwheels are Galvanized Steel. Flanges for 14" Flapwheels thru 16" Flapwheels are Aluminum Castings.**

Flapwheel Diameter	Diameter of Plates (Inches)	Standard Bore (Inches)	Maximum Bore (Inches)	Price Per Pair
4"	2-3/16"	3/8"	3/4"	\$25.35
5-1/2"	2-3/16"	3/8"	3/4"	\$25.35
* 6-1/2"	3-1/8"	1/2"	1-11/16"	\$25.35
10"	4-3/4"	9/16"	2"	\$60.03
12"	6"	3/4"	2"	\$91.68
14"	8"	1"	3-1/8"	\$305.78
16"	9"	1"	3-1/8"	\$341.93

* Mac Mop mounting plate size.



The 8" flap wheel uses the same mounting plates as the 10" wheel

BUFFING BRUSHES (BRUSHES FOR HAND HELD BUFFERS)



Brushes with 5/8"-11 Female Thread Max RPM - 4,500 **Not for use on angle grinders**

4" x 2" x 5/8"-11	Price
NFBXCTM-100050	\$69.29
NFBCRTM-100050	\$69.29
NFBMDTM-100050	\$69.29
NFBVFTM-100050	\$69.29
NIBCRTM060-100050	\$69.29
NIBMDTM120-100050	\$69.29
NIBVFTM180-100050	\$69.29

4-1/4" x 4" x 5/8"-11	Price
NFBXCTM-110100	\$107.63
NFBCRTM-110100	\$107.63
NFBMDTM-110100	\$107.63
NFBMDZM-110100	\$107.63
NFBVFTM-110100	\$107.63
NIBCRTM060-110100	\$114.34
NIBMDTM120-110100	\$114.34
NIBVFTM180-110100	\$114.34



Brushes with 3/4" Keyway Arbor Hole Max RPM - 4,500

4-1/4" x 4" x 3/4" keyway	Price
NFCXCTM-110100	\$107.63
NFCCRTM-110100	\$107.63
NFCMDTM-110100	\$107.63
NFCMDZM-110100	\$107.63
NFCVFTM-110100	\$107.63
NICCRTM060-110100	\$114.34
NICMDTM120-110100	\$114.34
NICVFTM180-110100	\$114.34

BENCH & PEDESTAL GRINDER BRUSHES



6" x 2" x 1"	Price
NFEMDTM-150050	\$140.07
NIECRTM080-150050	\$147.06
NIEVFAM180-150050	\$147.06

12" x 1" x 5"	Price
NFHMDBM-300025	\$98.04

12" x 1.75" x 5"	Price
NFHMDBH-300045	\$179.74
NFHMDDM-300045	\$179.74

12" x 2" x 5"	Price
NFHMDBM-300050	\$176.48
NFHMDBX-300050	\$134.75

12" x 4" x 5"	Price
NFHMDTM-300100	\$301.36
NFHXTM-300100	\$301.36

*** SEE MOUNTING PLATES ON PAGE 73**

FLAP WHEELS FOR BUFFING TOOLS

		Price
40 grit 4" x 4" x 5/8"-11	SM611040100100A	\$85.68
60 grit 4" x 4" x 5/8"-11	SM611060100100A	\$90.72
80 grit 4" x 4" x 5/8"-11	SM611080100100A	\$95.68
120 grit 4" x 4" x 5/8"-11	SM611120100100A	\$90.84
40 grit 4" x 2" x 5/8"-11	SM61104010050A	\$44.48
60 grit 4" x 2" x 5/8"-11	SM61106010050A	\$41.18
80 grit 4" x 2" x 5/8"-11	SM61108010050A	\$41.18

Product not guaranteed for use on Angle Grinder. Typical RPM's are too high. A variable speed angle grinder at low speed might be acceptable.



KLINGSPOR Flap Brush Part Order Number Reference Key

1ST AND 2ND LETTERS: Flap Brush Type	3RD LETTER: Arbor attachment	4TH AND 5TH LETTER: Material Grade	6TH LETTER: Base Material	7TH LETTER / NUMBER: Brush Density
NF – Full Non-Woven NI – Interleafed Non-Woven FB – Felt Brush	A – 1/4" Spindle shank B – 5/8"-11 C – 3/4" Keyway E – 1" Arbor Hole F – 2" Arbor Hole G – 3" Arbor Hole H – 5" Arbor Hole N – 1/4" - 20 Male	XC – Extra Coarse CR – Coarse MD – Medium VF – Very Fine UF – Ultra Fine NA – No Abrasive	T – Light Weight C&P Z – Zirconia B – High Strength Premium D – High Density Premium F – FMM or Felt A – Light Weight C&P in Very Fine Only	M – Medium Density (Standard) 3 – Digit Grit: Grit of the Interleafs 3 – Digit Diameter: Brush Diameter in mm 3 – Digit Width: Brush Width in mm

Part Number Example:

NI H MD T M 120 - 300 125

SPINDLE MOUNTED BRUSHES

Max RPM - 12,000

1" x 1/2"\$9.46 each

NFACRTM-025015

NFAMDTM-025015

NFAVFTM-025015

NIACRTM060-025015

NIAMDTM120-025015

NIAVFTM180-025015

SOLD IN BOXES OF 10

1" x 1"\$9.46 each

NFACRTM-025025

NFAMDTM-025025

NFAVFTM-025025

NIACRTM060-025025

NIAMDTM120-025025

NIAVFTM180-025025

SOLD IN BOXES OF 10

2" x 1"\$16.80 each

NFACRTM-050025

NFAMDTM-050025

NFAVFTM-050025

NIACRTM060-050025

NIAMDTM100-050025

NIAMDTM150-050025

NIAVFAM240-050025

SOLD IN BOXES OF 5

2" x 2"\$33.60 each

NFACRTM-050050

NFAMDTM-050050

NFAVFTM-050050

NIACRTM060-050050

NIAMDTM120-050050

NIAVFTM180-050050

SOLD IN BOXES OF 3

2-3/8" x 2"\$18.87 each

NFAMDTM-060050

NFAVFAM-060050

SOLD IN BOXES OF 5

Max RPM - 8,000

3" x 1"\$23.10 each

NFACRTM-075025

NFAMDTM-075025

NFAVFTM-075025

NIACRTM060-075025

NIAMDTM120-075025

NIAMDTM080-075025

NIAVFTM180-075025

SOLD IN BOXES OF 3

3-1/8" x 2" Full Non-Woven

.....\$43.59 each

NFAMDTM-079050

NFAVFAM-079050

3-1/8" x 2" Interleaf

.....\$43.59 each

NIACRTM060-079050

NIAMDTM100-079050

NIAMDTM150-079050

NIAVFAM240-079050

SOLD IN BOXES OF 3

4" x 1-3/4"\$50.66 each

NIACRTM060-100045

NIAMDTM100-100045

NIAMDTM150-100045

NIAVFAM240-100045

SOLD IN BOXES OF 2



SPIRAL BANDS FOR OSCILLATING SPINDLE SANDERS

Dia x Width	Grit	Price Per Box
1/2" x 4-1/2"	150	\$26.61
10/Box	100	\$26.61
	60	\$26.87
3/4" x 4-1/2"	150	\$28.09
10/Box	100	\$28.09
	60	\$28.60
1" x 4-1/2"	150	\$29.29
10/Box	100	\$29.29
	60	\$30.98
1-1/2" x 4-1/2"	150	\$31.45
10/Box	100	\$31.45
	60	\$32.21
2" x 4-1/2"	150	\$42.83
10/Box	100	\$42.83
	60	\$44.74
3" x 4-1/2"	150	\$48.63
10/Box	100	\$48.63
	60	\$51.06
1/2" x 9"	150	\$56.42
10/Box	100	\$56.42
	60	\$56.90
3/4" x 9"	150	\$60.00
10/Box	100	\$60.00
	60	\$61.24
1" x 9"	150	\$62.93
10/Box	100	\$62.93
	60	\$65.56
1-1/2" x 9"	150	\$67.27
10/Box	100	\$67.27
	60	\$69.64
2" x 9"	150	\$74.04
10/Box	100	\$74.04
	60	\$77.92
3" x 9"	150	\$85.20
10/Box	100	\$85.20
	60	\$90.01

Other Grits Available.

CLOTH SPIRAL (NO LAP) BANDS

Perfect for edge sanding or in and around holes on metals or wood. May be used on spindle sanders, drill presses or hand held tools. Made from our heavy cloth ALUMINUM OXIDE material.

Dia x Width	Grit	Price Per Box
1/2" x 1/2"	150	\$21.45
25/Box	100	\$21.45
	60	\$21.45
1/2" x 1"	150	\$22.04
25/Box	100	\$22.04
	60	\$22.04
1/2" x 1-1/2"	100	\$23.89
25/Box	60	\$23.89
1/2" x 2"	150	\$31.23
25/Box	100	\$31.23
	60	\$31.23
3/4" x 1"	150	\$22.04
25/Box	100	\$22.04
	60	\$22.04
3/4" x 1-1/2"	60	\$25.75
25/Box		
3/4" x 3"	100	\$49.72
25/Box		
1" x 1"	150	\$23.28
25/Box	100	\$23.28
	60	\$23.89
1" x 1-1/2"	150	\$26.34
25/Box	100	\$26.34
	60	\$26.94
1" x 2"	150	\$36.14
25/Box	100	\$36.14
	60	\$37.97
1" x 3"	150	\$53.27
25/Box	100	\$53.27
	60	\$55.14
1-1/2" x 1"	150	\$23.89
25/Box	100	\$23.89
	60	\$25.14
1-1/2" x 1-1/2"	150	\$27.58
25/Box	100	\$27.58
	60	\$28.18
1-1/2" x 2"	150	\$38.58
25/Box	100	\$38.58
	60	\$39.38
1-1/2" x 2-1/2"	60	\$48.40
25/Box		
1-1/2" x 3"	150	\$56.98
25/Box	100	\$56.98
	60	\$58.80

Dia x Width	Grit	Price Per Box
2" x 1"	150	\$26.34
25/Box	100	\$26.34
	60	\$26.94
2" x 1-1/2"	150	\$31.23
25/Box	100	\$31.23
	60	\$33.68
2" x 2"	150	\$42.23
25/Box	100	\$42.23
	60	\$44.10
2" x 3"	150	\$63.10
25/Box	100	\$63.10
	60	\$66.17

Also available in Alumina Zirconia
- call for pricing

RUBBER DRUMS



For use with cloth spiral bands.

Dia x Width x Shank Size	Max RPM	Price Per Drum
1/2" x 1/2" x 1/4"	30,000	\$11.49
1/2" x 1" x 1/4"	15,000	\$11.39
3/4" x 1" x 1/4"	13,000	\$11.34
3/4" x 1-1/2" x 1/4"	10,000	\$14.51
3/4" x 2" x 1/4"	9,000	\$16.48
1" x 1" x 1/4"	18,000	\$11.80
1" x 1-1/2" x 1/4"	10,000	\$14.56
1" x 2" x 1/4"	8,000	\$16.52
1" x 3" x 1/4"	6,000	\$21.43
1-1/2" x 1" x 1/4"	14,000	\$14.90
1-1/2" x 1-1/2" x 1/4"	10,000	\$16.57
1-1/2" x 2" x 1/4"	7,000	\$24.62
2" x 1" x 1/4"	11,000	\$16.53
2" x 1-1/2" x 1/4"	8,000	\$24.64
2" x 2" x 1/4"	6,000	\$32.93
2" x 3" x 1/4"	4,000	\$36.67

Common sizes listed - call for others.



SANDING STARS



4" DIAMETER X 1/4" SHANK

Max RPM	Grit	Price
3,200	80 Grit	\$17.02
3,200	100 Grit	\$17.02
3,200	120 Grit	\$17.02
3,200	150 Grit	\$17.02
3,200	180 Grit	\$17.02
3,200	220 Grit	\$17.02

4" DIAMETER X 1/2" HOLE / NO SHANK

Max RPM	Grit	Price
3,200	80 Grit	\$6.38
3,200	100 Grit	\$6.38
3,200	120 Grit	\$6.38
3,200	150 Grit	\$6.38
3,200	180 Grit	\$6.38
3,200	220 Grit	\$6.38

GRAPHITE STICKS

Graphite sticks are used to lubricate belt backings used in mold sanding.



Graphite Sticks

\$20.51 each

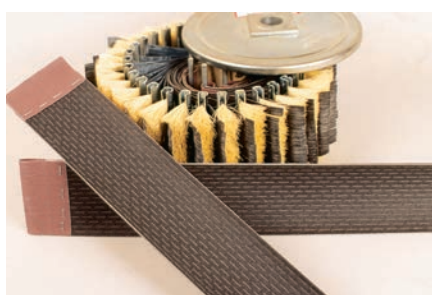
CLEANING STICKS

Cleaning Sticks 8" x 2" x 2"
\$33.39 each

Loaded wood particles and resin are easily cleaned away with this all-natural stick. No chemicals needed, simply hold the stick firmly against the moving belt or disc and watch in amazement. Best if used right after sanding, before the abrasive cools down.



VONNEGUT LOADINGS



These loadings will completely fill an 8 head 32 brush unit, or will supply 2 loadings for the 4 head 16 brush unit.

AVAILABLE MATERIAL LS309 (ALUMINUM OXIDE) OR CS321 (SILICON CARBIDE)
4 SHEETS PER ASSEMBLY

Width x Length	Grit	Price Per Each
4" x 19" (8 assemblies)	80+	\$274.67
6" x 19" (8 assemblies)	80+	\$320.19

Available Grits Include: 80, 100, 120, 150, 180, 220.
Standard Loadings are 1/4" Skip Staggered.

HEAVY DUTY GRAPHITE ROLLS



Heavy duty graphite-coated canvas will extend the life of your belts by reducing heat and friction. Single and 2 ply available.

F1 felt also available for platens on wide belt sanders. Call for information.

Size	Price Per Roll
3" x 10 yard	\$92.15
4" x 10 yard	\$143.34
6" x 10 yard	\$184.30
9" x 10 yard	\$276.44
12" x 10 yard	\$373.98

GREASE STICK

GREASESTICK26 \$23.23 each

Grease Sticks are formulated to reduce heat while combating loading on the belt surface. The grease stick is meant to go on coarse (24-120) grit belts to increase longevity and the cutting ability of your belts.



FLUTTER SHEETS

KLINGSPOR flutter sheets are manufactured from our flexible cloth-backed premium LS 309JF ALUMINUM OXIDE material.



Size	Grit	Price Per Sheet
2" x 4" x 1/2"	320-100	\$0.58
8 End Slits	80	\$0.58
2" x 6" x 1/2"	320-100	\$0.75
4 & 8 End Slits	80	\$0.86

Please call for availability of other sizes.
• 50 Sheets Per Box

FLUTTER ARBOR

List Price

1/2" flutter arbor with 1/4" shank
ARBOR1/2X1/4FH.....\$6.09 ea.
Flutter sheet spacers
(1/2" ID x 3/4" OD) 10 pack
FLUTTERSHTSPACR.....\$9.15 ea.

Tips for Flutter Sheet Set Up & Use

- Place two sheets back to back, see Fig. A
- Crisscross sheets to form a wheel, see Fig. B and Fig. C.
- Repeat the pattern until you have 15 to 20 sheets on the arbor, then tighten the nut to hold sheets together.
- Secure the assembly in your drill press, hand held drill, lathe, etc. Be sure to tighten the chuck adequately. Operate at a maximum speed of 2300 RPM, and we strongly suggest you DO NOT exceed this speed.
- Before using the flutter sheets on your project, break in the edge by holding a piece of scrap hardwood against it as it spins. This will "soften" the edge so that it doesn't gouge your work.

Fig. A



Fig. B

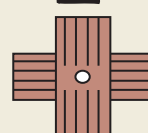
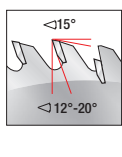
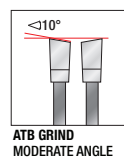


Fig. C



RIPPING



RIPPING

EXCELLENT ✓



CROSSCUT

FAIR

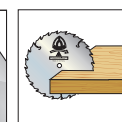
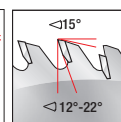
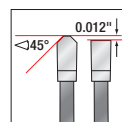
! WARNING: Not recommended for cutting non-ferrous alloys, plastic, laminate and melamine.

Dia.	Teeth	Kerf	Plate	Hook							
MM	Inch	MM	Inch	Angle	Bore	Pin-Hole	Tool No.	Price			
10"	24	3.2	.126	2.2	.087	20°	5/8"	—	KSB10-240	\$89.49	
10"	24	2.38	.094	1.8	.071	20°	5/8"	—	KSB10-240TKT	\$75.63	

GLUE LINE RIPPING



This special glue line blade shears the wood cleanly so there is no need to joint the stock prior to gluing. The precision triple-chip grind & extra-high hook angle allow aggressive feed rates, yet produce an extra-smooth cut finish. The thick plate and laser cut expansion slots minimize vibration. Use on table saws, sliding table saws, single and gang-rip operations.



RIPPING

EXCELLENT ✓



CROSSCUT

FAIR



CHIPBOARD

FAIR



PLYWOOD

FAIR



LAMINATE

FAIR

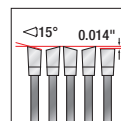
! WARNING: Not recommended for cutting non-ferrous alloys, plastic and melamine.

Dia.	Teeth	Kerf	Plate	Hook							
MM	Inch	MM	Inch	Angle	Bore	Pin-Hole	Tool No.	Price			
10"	32	3.7	.145	2.5	.098	12°	5/8"	—	KSB10-301	\$127.69	

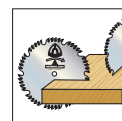
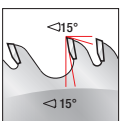
COMBINATION



In many woodworking shops one blade must cut a wide variety of materials. This blade will effectively rip and crosscut hardwoods, softwoods, as well as sheet stock such as plywood and particleboard. It features the time-tested combination blade design - four alternate top bevel teeth with a flat-top raker. This is the best blade for all-purpose cutting.



COMB 4+1 GRIND
FOUR ATB FOLLOWED BY ONE RAKER, THEN
AN "OPEN" GULLET FOR CHIP CLEARANCE



CROSSCUT

EXCELLENT ✓



RIPPING

EXCELLENT ✓



CHIPBOARD

GOOD



PLYWOOD

GOOD

! WARNING: Not recommended for cutting non-ferrous alloys.

Dia.	Teeth	Kerf	Plate	Hook							
MM	Inch	MM	Inch	Angle	Bore	Pin-Hole	Tool No.	Price			
10"	50	3.2	.126	2.2	.087	15°	5/8"	—	KSB10-500	\$117.18	
10"	50	2.38	.094	1.8	.071	15°	5/8"	—	KSB10-504TKT	\$105.91	



GENERAL PURPOSE



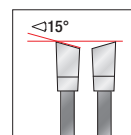
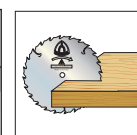
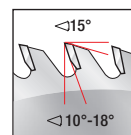
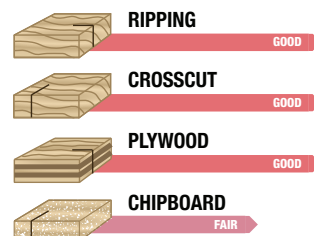
In some cases, a customer doesn't want to change blades from ripping to crosscutting to rough cutting in a variety of materials. A good general purpose blade usually fits the bill, as it works pretty well on different materials and applications.



TABLE SAW



SLIDING TABLE

ATB GRIND
MODERATE ANGLESOFT & HARDWOOD
CROSSCUT

WARNING: Not recommended for cutting non-ferrous alloys, plastic and melamine.

Dia.	Teeth	Kerf MM	Kerf Inch	Plate MM	Plate Inch	Hook Angle	Bore	Pin-Hole	Tool No.	Price
10"	40	3.2	.126	2.2	.087	15°	5/8"	—	KSB10-400	\$104.57

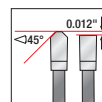
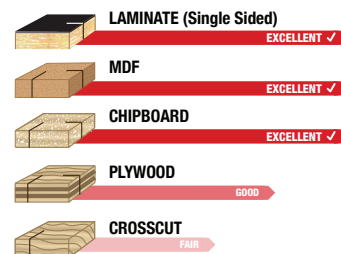
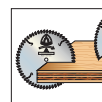
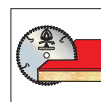
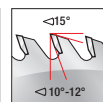
PLYWOOD / LAMINATE CUTOFF



These blades are specifically designed for clean cuts in single-sided plywood laminates. The greater number of teeth, triple-chip grind and 10°-12° hook angle provide an excellent balance between feed resistance and finish. This leaves a clean finish on the top side of the plywood or plastic laminate materials. Some table saws require special scoring blades (KSB120-T14 see below) in conjunction with the KSB12-721-30 below to accomplish clean cuts on double sided laminates.



SLIDING TABLE

TC GRIND
FOLLOWED BY FLAT RAKER

WARNING: Not recommended for cutting non-ferrous alloys and melamine.

Dia.	Teeth	Kerf MM	Kerf Inch	Plate MM	Plate Inch	Hook Angle	Bore	Pin-Hole	Tool No.	Price
10"	60	3.2	.126	2.2	.087	12°	5/8"	—	KSB10-601	\$121.60
10"	80	3.2	.126	2.2	.087	10°	5/8"	—	KSB10-801	\$151.55
12"	72	3.2	.126	2.2	.087	12°	1"	—	KSB12-721	\$164.08
300mm	72	3.2	.126	2.2	.087	10°	30mm	—	KSB12-721-30	\$164.08

† 30mm bore accepts pin-hole arrangements of: 2/10/60, 2/7/42 & 2/9/46.

DOUBLE-SIDED MELAMINE



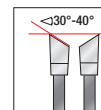
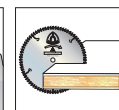
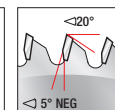
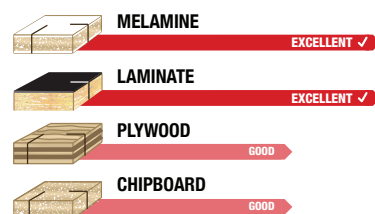
This blade is designed for smooth crosscuts in a variety of materials from hardwoods, softwoods and sheet stock including chipboard. Not intended for sliding miter or radial arm saw applications.



TABLE SAW



SLIDING TABLE

H-ATB GRIND
HIGH OR ACUTE ANGLE ALTERNATIVE
TOP BEVELMELAMINE SINGLE &
DOUBLE SIDED

WARNING: Not recommended for cutting non-ferrous alloys.

Dia.	Teeth	Kerf MM	Kerf Inch	Plate MM	Plate Inch	Hook Angle	Bore	Pin-Hole	Tool No.	Price
10"	80	3.2	.126	2.2	.087	-5°	5/8"	—	KSB10-803	\$180.36
12"	96	3.2	.126	2.5	.100	-5°	1"	—	KSB12-963	\$216.45

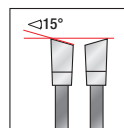
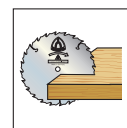
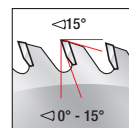
FINE TRIM & CROSSCUT



TABLE SAW



MITER SAW

ATB GRIND
MODERATE ANGLESOFT & HARDWOOD
PLYWOOD

CROSSCUT

EXCELLENT ✓



PLYWOOD

EXCELLENT ✓

WARNING: Not recommended for cutting non-ferrous alloys, plastic, laminate and melamine.

Dia.	Teeth	Kerf		Plate		Hook		Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle	Bore			
10"	80	3.2	.126	2.2	.087	10°	5/8"	—	KSB10-800	\$143.49
12"	96	3.2	.126	2.2	.087	10°	1"	—	KSB12-960	\$187.85

HEAVY-DUTY MITER / DOUBLE MITER



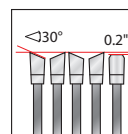
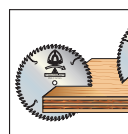
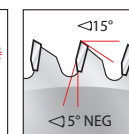
The KLINGSPOR Heavy-Duty Single/Double Miter blades were designed especially for glass smooth compound miters cuts in moldings or picture frame stock for use in a miter box, radial arm, and single/double miter saws. This style blade is the perfect choice for picture frame and millwork shops.

COMPOUND MITER
SAW

MITER SAW



RADIAL SAW

4 H-ATB + 1 TCG GRIND
FOUR HIGH ALTERNATE TOP BEVEL
FOLLOWED BY ONE TRIPLE CHIP GRIND

MITER



SOFT/HARDWOOD

EXCELLENT ✓



CROSSCUT SOFT/HARDWOOD

EXCELLENT ✓



PLYWOOD

EXCELLENT ✓



PVC TRIM

GOOD

WARNING: Not recommended for cutting non-ferrous alloys.

	Dia.	Teeth	Kerf		Plate		Hook		Pin-Hole	Tool No.	Price
			MM	Inch	MM	Inch	Angle	Bore			
THINNER KERF	10"	80	3.0	.118	2.5	.098	-5°	5/8"	—	KSB10-806	\$146.95
	12"	100	3.0	.118	2.5	.098	-5°	1"	—	KSB12-106	\$195.44
THIN KERF THICK K	10"	60	2.4	.094	1.8	.071	-5°	5/8"	—	KSB10-606TKT	\$105.91
	10"	80	2.3	.090	1.8	.071	0°	5/8"	—	KSB10-816TKT	\$121.05
	12"	72	2.4	.094	1.8	.071	-3°	1"	—	KSB12-726TKT	\$151.34

SOLID SURFACE



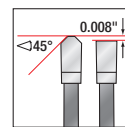
This blade is specifically designed for cutting plastic laminate, Plexiglas®, and solid surface materials such as Avonite®, Dupont Corian®, Wilsonart®, Gibraltar®, Earthstone® Fountainhead®, Surrrell®, Staron® and other acrylic based materials. The triple chip grind is especially configured to leave a swirl-free cut in solid surface materials. The thick, stable plate reduces vibration that degrades the cut and shortens tool life. The blade is suitable for a variety of saw configurations and its 0° hook angle virtually eliminates self-feeding when it is used with a radial arm saw.



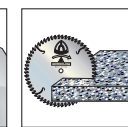
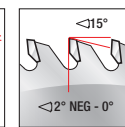
TABLE SAW



SLIDING TABLE



M-TC GRIND



SOLID SURFACE



SOLID SURFACE

EXCELLENT ✓



PLEXIGLAS®/VINYL

EXCELLENT ✓



LAMINATE

GOOD

WARNING: Not recommended for cutting non-ferrous alloys.

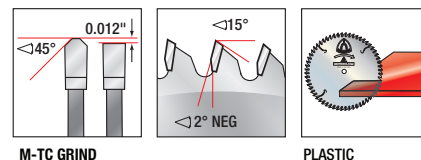
Dia.	Teeth	Kerf		Plate		Hook		Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle	Bore			
10"	72	3.2	.126	2.2	.087	0°	5/8"	—	KSB10-728	\$176.55



PLASTIC



Designed for smooth, chip-free cutting of plastics, these blades have a higher tooth count and will work fantastic in thinner material. They are also suitable for crosscutting, trimming, and mitering wood and work well for plywood and laminate cutting.



WARNING: Not recommended for cutting non-ferrous alloys.

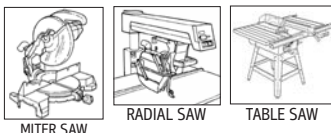
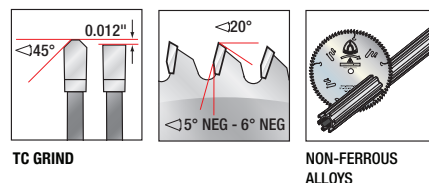


Dia.	Teeth	Kerf		Plate		Hook		Bore	Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle					
10"	80	2.5	.098	1.8	.071	-2°		5/8"	—	KSB10-802	\$201.53

NON-FERROUS FOR THIN WALLED ALUMINUM



Designed specifically for cutting relatively thin-walled aluminum and non-ferrous extrusions and frames on table or miter saw applications. Use a coolant or blade wax and clamp down the work piece when cutting non-ferrous metals. (<1/4")



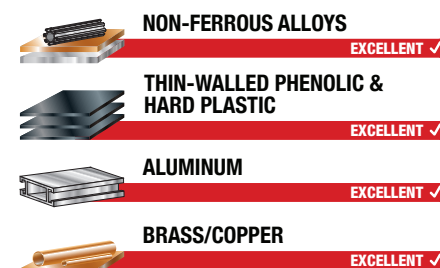
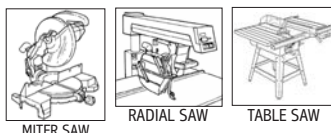
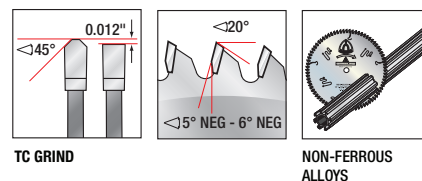
WARNING: Never attempt to cut ferrous metals (steel, iron, etc.) with these blades.

Dia.	Teeth	Kerf		Plate		Hook		Bore	Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle					
10"	80	3.2	.126	2.5	.098	-5°		5/8"	7,600	KSB10-805	\$201.53
12"	100	3.2	.126	2.5	.098	-5°		1"	6,200	KSB12-105	\$267.66

NON-FERROUS FOR THICK WALLED ALUMINUM



The special carbide formulation and blade geometry makes this blade ideal for cutting aluminum and non-ferrous metal bars such as copper, brass, bronze and lead. They are also, good for cutting relatively thick-walled extrusions and profiles. The negative hook angle, triple-chip grind and thick plate combine to produce a superior finish. Use a coolant or blade wax and clamp down the work piece when cutting non-ferrous metals. The blade can be used to cut other "difficult" materials such as plastic, PVC tubing and fiberglass on table or miter saw applications. (<1/4")



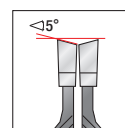
WARNING: Never attempt to cut ferrous metals (steel, iron, etc.) with these blades.

Dia.	Teeth	Kerf		Plate		Hook		Bore	Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle					
10"	60	3.2	.126	2.5	.098	-6°		5/8"	7,600	KSB10-605	\$202.28

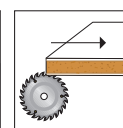
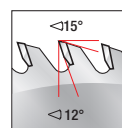
ADJUSTABLE SCORING SETS



Used on panel saws and sliding table saws (ex. SCM, & Altendorf), with separate scoring units for chip-free cuts on both sides of the material. Adjustable scoring sets consist of two 12-tooth saw blades with shims to adjust the kerf width (2.8mm to 3.6mm). These are used in combination with our plywood/laminate series Triple chip blade above.



ATB GRIND
MODERATE ANGLE



SCORING PARTICLE
BOARD & DOUBLE
SIDED MDF LAMINATE



SLIDING TABLE



PANEL SAW



DOUBLE-SIDED MELAMINE

EXCELLENT ✓







PLASTIC LAMINATE

EXCELLENT ✓



WARNING: Not recommended for cutting non-ferrous alloys.

Dia.	Teeth	Kerf		Plate		Hook		Pin-Hole	Tool No.	Price
		MM	Inch	MM	Inch	Angle	Bore			
120mm	12x2	2.8-3.6	.110-.144	2.2(x2)	.087(x2)	12°	22mm	—	KSB120-T14	\$193.06
										
		Sawblades 1		Sawblades 2		Sawblades 3		Sawblades 4		

SAW BLADE APPLICATION GUIDE

SOLID WOOD:

RIP:

KSB10-240 – More aggressive, faster & leaves a rougher cut
KSB10-301 – Less aggressive and better edge finish
KSB10-240TKT – Thin Kerf

Crosscut:

KSB10-800 / KSB12-960 (For use on a table saw)
KSB10-500

Combo

KSB10-806 / KSB12-106 (For use on Miter saws, sliding miter saws & Radial Arm)
(Rip & crosscut wood, plywood, chipboard):
KSB10-500 Better overall results on solid wood
KSB10-400 More aggressive and faster for rough cutting in wood
KSB10-504TKT – Thin Kerf

PLYWOOD:

KSB10-601 (Single-sided only – may chip on the back side)
KSB10-801 (same blade, but with more teeth – 80 vs 60)
KSB12-721 & 721-30 (Single-sided only – may chip the back side)
KSB10-800 (Different tooth configuration – ATB – and better for double-sided & prefinished plywood applications). Also good for crosscutting solid wood.

LAMINATE (single sided):

KSB10-728 Solid surface blade
KSB10-802 Plastic blade
KSB10-803 / KSB12-963 Melamine blade

MDF/Chipboard:

KSB10-801 Plywood/Laminate
KSB10-803 / KSB12-963 Melamine blade

MELAMINE:

KSB10-803 / KS12-963

PLASTIC:

KSB10-802 (Phenolic & hard plastics)
KSB10-728 (Plexiglass)
KSB10-805 / KSB12-105 (Phenolic, Hard plastics & aluminum)

NON-FERROUS (Brass, copper, aluminum, etc.):

KSB10-805 / KSB12-105 (Thin wall – less than 1/4")
KSB10-605 (Thick wall - greater than 1/4")

MITER CUTS:

KSB10-806 10" Miter Blade
KSB12-106 12" Miter Blade
KSB10-816TKT 12" Thin Kerf Miter
KSB10-606TKT 10" Thin Kerf Sliding Miter
KSB12-726TKT 12" Thin Kerf Sliding Miter



KLINGSPOR'S 777 GOLD STANDARD PERFORMANCE TAPE

This masking tape that has been designed for high temperatures, automotive and industrial applications. KLINGSPOR's 777 is solvent and thinner resistant, provides instant adhesion, possesses excellent adhesion properties and sticks to a wide variety of irregularly shaped surfaces. KLINGSPOR's 777 possesses good mechanical strength and is compatible with solvent and water paints and leaves no adhesive transfer when removed. Exceptional performance in automobile repair, professional body shops and various industrial applications.

Item #	Size	Sleeve	Case	Price
MTAPE777-075	3/4"	12	48	\$5.17
MTAPE777-150	1-1/2"	6	24	\$10.34
MTAPE777-200	2"	6	24	\$13.87



KLINGSPOR'S 555 SILVER SERIES TAPE

This masking tape that has been designed for high temperatures, automotive and industrial applications. KLINGSPOR's 555 is solvent and thinner resistant, provides instant adhesion, possesses excellent adhesion properties and sticks to a wide variety of irregularly shaped surfaces. KLINGSPOR's 555 possesses good mechanical strength and is compatible with solvent and water paints and leaves no adhesive transfer when removed. Exceptional performance in automobile repair, professional body shops and various industrial applications.

Item #	Size	Sleeve	Case	Price
MTAPE555-075	3/4"	12	48	\$3.84
MTAPE555-150	1-1/2"	6	24	\$7.69
MTAPE555-200	2"	6	24	\$10.25



PG TAPE

PG Tape is tear, moisture & solvent resistant. It is perfect for wet sanding and provides excellent cornering - great for custom jobs as this tape provides clean removal for crisp paint lines. It is a beige, high temperature, fine crepe paper masking tape with pressure-sensitive natural rubber adhesive. Designed for clean removal from a variety of surfaces after exposure to oven temperatures up to 250°F (121°C) for 30 minutes (times and temperatures are determined by surface). Its easy handling, smooth crepe backing exhibits high strength, excellent conformability to irregular surfaces and exceptional cornering. Provides resistance to paint flaking and a clean, well defined paint line.

Item #	Size	Sleeve	Case	Price
MTAPE-PG075	3/4"	12	48	\$8.81
MTAPE-PG100	1"	9	36	\$12.04
MTAPE-PG150	1-1/2"	6	24	\$18.46
MTAPE-PG200	2"	6	24	\$24.64



AM TAPE

AM (AquaMask™) is a cost-effective masking tape designed to perform in many demanding automotive refinishing applications. The rubber-based adhesive provides secure adhesion to both painted and bare metals and plastics, yet removes cleanly without adhesive residue, paint "flaking" from backside or surface staining. Compatible with both water and solvent-based paints. UV-resistant up to three (3) days. Temperature resistant up to 250°F (107°C) for 30 minutes.

Item #	Size	Sleeve	Case	Price
MTAPE-AM-075	3/4"	12	48	\$6.58
MTAPE-AM-150	1-1/2"	6	24	\$14.51



PREMIUM FOAM MASKING TAPE

Premium Foam Masking Tape is specially designed polyurethane foam structure Highly absorbent to avoid any leaking and paint run Flexible Easy clean up and removal Solvent resistant Easy roll release in a box dispenser Easy to shape on contours, mask and seals all jamb Good adhesion to vehicle surface Withstands paint booth bake cycle Prevents overspray from penetrating into the jamb Improves productivity by reducing the time required to mask jambs with tape and masking paper. Leaves no residue.



Item #	Size	Price
FOAM-MTAPE	1/2" x 55yd	\$48.58

CLEAR MOUNTING TAPE

Item #	Size	Price
MTAPE-FM71-0125	1/8"	\$23.07
MTAPE-FM71-025	1/4"	\$26.95
MTAPE-FM71-050	1/2"	\$39.58



NIOSH APPROVED N95 PARTICULATE RESPIRATORS

The filter medium has an efficiency of at least 95% against airborne particulates 0.3 microns in size that are free of oils - dusts, metal fumes, microorganisms and non-oil containing mists. The shell doesn't absorb as much moisture from exhaled breath as other masks. The respirators maintain low breathing resistance all day long. The SP1940 particulate respirator offers the same level of protection, but may be used in the presence of oils and/or oil mists.



SP1501 (Not NIOSH Approved)



SP1730

N95 PARTICULATE RESPIRATOR

20 Per Pack	SP1730	\$27.78
w/Valve - 10 per Pack	SP1740	\$33.66

R95 Particulate Respirator

w/Valve - 10 per Pack	SP1940	\$38.41
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Nuisance Dust Mask

50 per Pack	SP1501	\$16.98
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SP1740

SP1940

NSX TURBO



- High-impact polycarbonate lens
- 99.9% UV Protection
- Mono lens design
- Scratch resistant coating on lenses
- Lightweight wrap-around lens
- Non-slip temples
- Available in 5 lens colors
- Meets ANSI Z87.1-2015

NSX TURBO

Clear Lens	SP5330	\$3.35
Amber Lens	SP5332	\$3.35
Light Blue Lens	SP5333	\$3.35
Indoor/Outdoor Mirror	SP5334	\$3.66

NSX



- Lightweight Full Wraparound Frame
- High-impact polycarbonate lens
- 99.9% UV Protection
- Single lens design
- Anti-fog and scratch resistant coating on lenses
- Lightweight wrap-around lens
- Meets ANSI Z87.1-2015

NSX

Clear Lens	SP5340	\$2.75
Yellow Lens	SP5341	\$2.75
Grey Lens	SP5343	\$2.75
Indoor/Outdoor Lens	SP5345	\$3.05

DIAMOND BACKS



- High-Impact Polycarbonate Lenses
- 99.9% UV Protection
- Anti-fog and Scratch Resistant Coating on Lenses
- Wrap-Around Design Hugs the Face
- Non-Slip Nose Piece
- Non-Slip Temples

DIAMOND BACKS

Clear Lens	SP0100	\$7.62
Grey Lens	SP0101	\$7.62
Smoke Lens	SP0103	\$7.62

WORKER BEES



- Impact-resistant polycarbonate lens
- 99.9% UV Protection
- Scratch-resistant coating on lens
- Fits over most prescription glasses
- Meets ANSI Z87.1-2015 and CSA Z94.3

Chief Clear Lens	SP5120	\$3.05
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INDUSTRIAL WIPES

Multi Purpose Industrial cleaning Wipes, Gentle on Hands Tough on Grease & Dirt. 72ct. Perfect for majority of your work station or job site clean up projects.

These industrial wipes clean the toughest automotive grease, grime and dirt on hands, tools and work surfaces. Use the dual textured wipe to tackle both heavy and light soils.

- 72ct Pre-moistened heavy duty towel
- Works quickly to loosen, dissolve and absorb dirt, paint and grease

- Deep cleaning scrubbers remove embedded grime easily
- No rinsing, no drying, no residue and silicone-free

MULTI PURPOSE
INDUST/WIPE 72CT
WIPE1539 \$48.62



All filters can be used with Full Face Respirator and Reusable Half Mask Respirator

FULL FACE RESPIRATOR

This full face respirator offers a one size fits all design with a wraparound lens – ideal for long term use. The full size nose cup reduces the chances of fogging common with other full face respirators. All cartridges are interchangeable with Gerson half mask respirators. Mask includes a free lanyard!

Cartridges sold separately - see chart



Full Face Respirator - one size

SP9955 \$202.13

Tear Away Protective Lens (25 pack)

SP8711 \$3.34

DUST PARTICULATES ONLY

Pancake P100

SPXP100 \$6.51



SPXP100

P100
Particulate
Cartridges

SPG70 \$10.26

P100 Particulate Cartridges - Rear vent

SPGX70P \$10.64

G78 MULTI GAS
/ P100

SPG78MGVP \$33.33



RESPIRATOR CARTRIDGES

These items work in conjunction with each other

SPG03

P95 Organic Vapor/Acid Gas Cartridges*

SPG03 \$9.87

N95 Particulate
Pre-Filter - sold 10 per pack*

SPG95P \$28.59

Filter
Retainer
for use with
N95 Particulate
Pre-Filter*

SP172 \$2.62

*Add on item to SPG03 must be used with SP172

LOW LEVEL - Chemical / Vapor

HIGH LEVEL - Deadly Chemicals / Vapors

DISPOSABLE DUAL CARTRIDGE HALF MASK RESPIRATOR



SP8211
SP8311

STAND ALONE - Use and Dispose

Our maintenance-free respirator comes completely assembled with organic vapor cartridges and P95 particulate replaceable pre-filters. This NIOSH approved respirator offers state-of-the-art design, performance and comfort. It features a soft, lightweight elastomeric facepiece, and cradle suspension with easy-adjust headstraps that facilitate a comfortable and proper fit. The low, profile, swept-back design provides a greater field of vision and allows workers to use glasses or goggles. The P Series filters can be used with oil or solid particulates.

- Ready to use. No cartridges to replace and no spare parts to stock. Simplifies your inventory requirements.
- Reduces the record keeping necessary for OSHA compliance regarding maintenance and cleaning.
- Available in two sizes: Medium and Large.

Cartridges not replaceable

Disposable Half Mask Respirator

Medium SP8211 \$37.48

Large SP8311 \$37.48

REUSABLE HALF MASK RESPIRATOR

This dual cartridge half mask respirator is made of comfortable, non-irritating TPE and elastic strap and cradle suspension for comfortable wear. The construction with exhalation valves and two filtering cartridges offers very low breathing resistance while the low profile design allows for a wide field of vision and room for eyewear. Our half mask respirators will combat either organic gases and vapors or acidic gases and vapors, based on which cartridge is chosen, plus all solids and particulates **Cartridges sold separately - see chart.**

Reusable Half Mask Respirator

Medium SP9200 \$23.56

Large SP9300 \$23.56

SP9200

SP9300



GOAT SKIN TIG WELDING GLOVE



This glove has the strongest tensile strength and excellent tactile sensitivity. Best combination of flexibility and comfort. The SP4840 is an unlined Mig/Tig glove with a 5" russet split cowskin cuff for additional safety. It is sewn with DuPont™ Kevlar®, has a straight thumb and a self hem sewn cuff.

Medium	SP4840M	\$29.17
Large	SP4840L	\$29.17

BLUE LEATHER WELDING GLOVES



Blue regular split shoulder leather with a full sock jersey lining, cotton drill cuff lining and reinforced palm.

SP4501	\$27.26
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BULLET EARPLUGS



Tapered shaped offers the most comfortable fit for ear canal. It has an extremely soft foam seals without pressure. A smooth surface help to repel dirt. Meets ANSI S3.19 (METHOD FOR DETERMINING NRR) requirements Corded. NRR 32

Resistor Bullet Earplug Uncorded NRR 32		
200/Box	SP6100	\$58.53
Resistor Bullet Earplug with Cord NRR 32		
100/Box	SP6101	\$64.63

ECON LEATHER PALM



This glove features "C" grade shoulder split cowhide leather, full feature, assorted color fabric striped back, 2.5" rubberized safety cuff.

SP12010	\$6.76
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DRIVER'S GLOVE



The 3204 drivers gloves feature; premium cow grain leather palm, brown split leather back, sewn with Dupont™ Kevlar®,shirred elastic back, rolled hemmed, and a keystone thumb pattern.

Medium	SP3204M	\$21.66
Large	SP3204L	\$21.66
X-Large	SP3204XL	\$23.16

DISPOSABLE NONWOVEN POLYPROPYLENE COVERALL

This coverall protects from harmful paint overspray, sanding dust, dirt, grease, grime, and pesticides. It's made from polypropylene non-woven material that's lightweight and comfortable. Elastic on wrists and ankles create an even barrier of protection; plus, it's washable so you can reuse.



Large	PROTECTIVESUITL	\$17.53
X-Large	PROTECTIVESUITXL	\$17.53
XX-Large	PROTECTIVESUITXXL	\$17.53
XXX-Large	PROTECTIVESUITXXXL	\$17.53



KLINGSPOR is pleased to offer disposable protective gloves. Almost every manufacturing facility has applications where latex and/or nitrile gloves are used. They may be used directly in the manufacturing process or simply in maintenance operations. Three versions of our KLINGSPOR gloves are available - regular powder-free latex, 5 mil powder-free blue nitrile and 6 mil powder-free black nitrile.

THICKSTER (SAS) LATEX EXAMINATION GLOVE



14 MIL POWDER FREE - 50 PER BOX

MEDIUM	LATEX6602	\$29.13
LARGE	LATEX6603	\$29.13
EXTRA LARGE	LATEX6604	\$29.13
XXLARGE	LATEX6605	\$29.13

BLACK NITRILE GLOVE



7 MIL POWDER FREE - 100 PER BOX

SMALL	NITRILE-KL-BLACK-S	\$24.70
MEDIUM	NITRILE-KL-BLACK-M	\$24.70
LARGE	NITRILE-KL-BLACK-L	\$24.70
XLARGE	NITRILE-KL-BLACK-XL	\$24.70
XXLARGE	NITRILE-KL-BLACK-XXL	\$24.70

NITRILE COATED



13 gauge nylon with gray flat nitrile palm and fingers.

MEDIUM	SP9679M	\$5.07
LARGE	SP9679L	\$5.07
EXTRA LARGE	SP9679XL	\$4.88

LATEX COATED GRIPPING



10 Gauge Cotton/Polyester Shell, Latex Palm & Fingertips, Knit Wrist

MEDIUM	SP9688M	\$5.39
LARGE	SP9688L	\$5.39
X-LARGE	SP9688XL	\$5.39

LATEX GLOVE

POWDER FREE - 100 PER CANISTER

MEDIUM	LATEX659220	\$16.73
LARGE	LATEX659320	\$16.73
EXTRA LARGE	LATEX659420	\$16.73

ASTRO GRIP



6 MIL - 100 PER BOX

These 6 mil thick gloves are powder-free and the bright orange color reveals any grease or dirt. They have dual sided scale grip and are superior puncture and abrasion resistant.

MEDIUM	NITRILE66472GRIP	\$30.48
LARGE	NITRILE66473GRIP	\$30.48
X-LARGE	NITRILE66474GRIP	\$30.48
XX-LARGE	NITRILE66475GRIP	\$30.48

KEVLAR SLEEVE WITH LEATHER PAD



Applications: Assembly Line Production, Automotive Assembly, Mechanics, Carpentry, Construction, Glass handling, Janitorial, HVAC, and more.

SP9374TL / 2 PER PACK\$21.23

ULTRA TECH CUT PRO



10 Gauge Kevlar®/Fiberglass/Stainless Steel Shell, Black PU Coated Palm. Level 4 cut resistant. Polyurethane palm and fingers for additional grip and abrasion resistance

Medium	SP93891PUM	\$22.32
Large	SP93891PUL	\$22.32
X-Large	SP93891PUXL	\$22.32

Don't Forget KLINGSPOR's Random Orbit Sander and KLINGSPOR Backing Pads

SPARTAN



Spartan



Spartan PSA



5" Sander Non-Vac
Hook & Loop
#SOS5H
\$153.51

5" Sander
Non-Vac PSA
#SOS5P
\$153.51

5" Sander Vacuum
Hook & Loop
#SOS5VH
\$207.83

6" Sander Non-Vac
Hook & Loop
#SOS6H
\$172.70

6" Sander
Non-Vac
PSA
#SOS6P
\$172.70

6" Sander Vacuum
Hook & Loop
#SOS6VH
\$226.16



5" Kling-On®
No Hole
SBP5K
\$24.97



5" PSA
No Hole
SBP5P
\$24.97



5" Kling-On®
Multi-Hole
SBP5KMP
\$33.33



6" PSA
No Holes
SBP6P
\$28.26



6" Kling-On®
No Holes
SBP6K
\$28.26



6" Kling-On®
Multi-Hole
SBP6KMP
\$47.48



EXTREME R/O SANDER



FEATURES:

- Most consistent speed under load
- All new .3 HP motor design
- Best-in-class dust collection
- Tactile, ergonomic grip
- 12,000 OPM

KLINGSPOR PRODUCTS:

- Kling-On® (Hook & Loop) Paper Discs
- 710 XF Kling-On® Cloth Discs

NON-VACUUM * Non - Vacuum to Vacuum Conversion Kits available.

Dia	Orbit	Item #	Price
5"	3/16	DYNA00X51HK	\$251.00
	3/32	DYNA00X52K	\$251.00
		DYNA00X52HK	\$251.00
6"	3/16	DYNA00X61HK	\$251.00
	3/32	DYNA00X62HK	\$251.00

Dia	Orbit	Item #	Price
5"	3/16	DYNA00X51VK	\$261.00
	3/32	DYNA00X52VK	\$261.00
6"	3/16	DYNA00X61VK	\$261.00
	3/32	DYNA00X62VK	\$261.00

SANDER MAINTENANCE

Don't Forget the Air Lube

- DYNABRADE AIR LUBE**
 4 ounces - DYNA95821 \$17.15
 1 pint - DYNA95842 \$24.56
 1 gallon - DYNA95843 \$104.07
 • Only use 10 weight non detergent air lube

DYNABRADE MUFFLER INSERT
 PER EACH -
 DYNA56027 \$1.93

DYNABRADE MUFFLER INSERT 30 PACK -
 DYNA56054 \$16.80



RANDOM ORBITAL REFERENCE



Most Aggressive
3/8"



General Sanding
3/16"



Ultra Fine Sanding
3/32"

3/16" is the most common

DYNORBITAL SPIRIT



FEATURES:

- Comfort handle
- Lower profile for improved control
- 14 SCFM @ 90psi
- High-wear, plastic valve stem
- Non-Vacuum to Vacuum Conversion Kits available
- Only 1.4 lbs.!
- 12,000 OPM

KLINGSPOR PRODUCTS:

- Kling-On® (Hook & Loop) Paper Discs
- 710 XF Kling-On® Cloth Discs

NON-VACUUM * Non - Vacuum to Vacuum Conversion Kits available.

Dia	Orbit	Item #	Price
5"	3/16	59020(H)	\$239.00
	3/32	59035(H)	\$239.00
6"	3/8	59010(H)	\$239.00
	3/16	59025(H)	\$239.00
	3/32	59040(H)	\$239.00

MINI RAPTOR 2 PORTABLE VACUUM SYSTEM DYNA10051

- Compact shop friendly system easy to maneuver. Features large rigid rear wheels and front locking swivel casters.
- Auto filter clean W/ Wet/Dry
- Supports electric & pneumatic power tools.
- HEPA Filter replacement option available.
- Auto on/off W/ 10 Gallon Capacity.
- Adjustable Mar-free over-hose adapts to operator's needs.
- Flexible cut to fit airline/reusable fittings.
- Operating hose diameter settings.
- M-Class flow indicator light.
- Air Flow 161 CFM (76 l/s).
- 100" static water lift.
- Foldable Trolley Handle.

MINI RAPTOR 2 M-CLASS VACUUM w/ 3" CENT VAC MINI EXTREME 3/16 Orbit MRAPVACX31V.....\$1,839.00

MINI RAPTOR 2 M-CLASS VACUUM w/3" CENT VAC MINI EXTREME 3/32 Orbit MRAPVACX32V.....\$1,839.00

MINI RAPTOR 2 M-CLASS VACUUM w/5" EXTREME CEN/VAC 3/16" ORBIT W/SPEED REGULATOR MRAPVACX51VHS.....\$1,857.00

MINI RAPTOR 2 M-CLASS VACUUM w/5" EXTREME CEN/VAC 3/16" ORBIT MRAPVACX51VK.....\$1,833.00

MINI RAPTOR 2 M-CLASS VACUUM w/ 5" EXTREME CEN/VAC 3/32" ORBIT MRAPVACX52VK.....\$1,833.00

DYNABUG II ORBITAL SANDER



HOOK & LOOP - DYNA58500H
PSA - DYNA58509

FEATURES:

- New comfort handle
- Strong .15 HP motor & 10,000 RPM's
- Excellent for use in tight corners
- Precise 3/32 2 (mm) orbital motion
- 13 SCFM @ 90 PSI
- Lightweight at only 1.6 LBS it's ideal for vertical applications to help minimize fatigue

KLINGSPOR PRODUCTS:

- 3" x 4-3/8" KLING ON Sheets PS 33 only
- 3" x 4-3/8" PSA Sheets PS 33 only
- Other Materials available in PSA and KLING ON Rolls
- Replacement Pad - Hook & Loop #DYNA56315 Vinyl (PSA) #DYNA56355

Item #	Price
58500	\$279.89



MINI RAPTOR 2 M-CLASS VACUUM w/6" EXTREME C/V H/F 3/16" ORBIT MRAPVACX61VK.....\$1,833.00

MINI RAPTOR 2 M-CLASS VACUUM w/6" EXTREME CEN/VAC 3/32" ORBIT MRAPVACX62VK.....\$1,833.00

Works best when routinely lubricated (Item# 95542)



**SANDING
STARS NOT
INCLUDED**

LIGHTWEIGHT DYNINGER - DYNA52050

FEATURES:

- For use with Spindle Mounted Sanding Stars
- 3,200 rpm variable speed
- Air-Flow Control Dynaswivel®
- Rear exhaust
- Replaces tedious hand sanding

KLINGSPOR PRODUCTS:

- 4" Sanding Stars
- Flutter Sheets (with Flutter Sheet Arbor)
- 4" and 6" Power Wheels
- Use with #Dyna95542 Gear Grease and Grease Gun #DYNA95541



ALSO AVAILABLE:

Dyna52052 Dyninger with 1/2" Arbor
Dyna52051 Dyninger with 6mm Collet

DIE GRINDERS



DYNA50219 - .3 HP KIT

FEATURES:

Nitro Tool .3 hp Die Grinder Kit Contains
DGR31 - .3 hp Right Angle Die Grinder (18K RPM)
DGS31 - .3 hp Straight Die Grinder (25K RPM)

DYNA50218 - .5 HP KIT

FEATURES:

Nitro Tool .5 hp Die Grinder Kit Contains
DGR51 - .5 hp Right Angle Die Grinder (14K RPM)
DGS51 - .5 hp Straight Die Grinder (20K RPM)

RAISED PANEL SANDER - DYNA57906

Air Powered Finishing Sander. Includes 57956 Raised Panel Pad (4" long x 3/4" wide) with unique angled edges for sanding in tight corners and on raised panel edges.



58021 3/8" (10 MM) DIAMETER NON-VACUUM DYNAFINE BACKSPASH RADIUS DISC PAD, VINYL-FACE

58024 3/4" (19 MM) DIAMETER NON-VACUUM DYNAFINE BACKSPASH REVERSE RADIUS DISC PAD, VINYL-FACE



DYNADGR31 - .3 HP

FEATURES:

- .3 hp / 16,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS:

- 1" - 4" QDC's, QRC's, & QMC's
- Mini Flap Discs
- Unitized wheels
- Wire brushes with 1/4" shank

DYNADGR51 - .5 HP

FEATURES:

- .5 hp / 14,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS:

- 1" - 4" QDC's, QRC's, & QMC's
- Mini Flap Discs
- Unitized wheels
- Wire brushes with 1/4" shank

DYNAFILE DETAIL SANDER DYNA57900

Air Powered Finishing Sander. Excellent for use in tight corners. Sander comes with one triangle and one tear-drop hook-face pad.



FEATURES:

- Excellent for use in tight corners
- Eliminates finger sanding
- 13,000 RPM motor with 1/32 orbital action
- 20 SCFM @ 90 PSI
- Handle has 7 degree offset for greater comfort
- Lightweight only 1.6 LBS

KLINGSPOR PRODUCTS:

- Triangular PSA & KLING-ON® Discs
- Triangular Non-Woven Discs
- Tear-Drop PSA and KLING-ON® Discs
- Tear-Drop Non-Woven Discs



DYNADGS31 - .3 HP

FEATURES:

- .3 hp / 25,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS:

- KM 613's with 1/4" shank
- Cartridge rolls
- No lap bands
- Carbide Burrs & Mounted Points
- Spindle Brushes
- Unitized wheels
- Wire brushes with 1/4" shank

DYNADGS51 - .5 HP

FEATURES:

- .5 hp / 20,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS:

- KM 613's with 1/4" shank
- Cartridge rolls
- No lap bands
- Carbide Burrs & Mounted Points
- Spindle Brushes
- Unitized wheels
- Wire brushes with 1/4" shank



Keep this Solid Surface Finishing Sequence Chart handy to get the best results with KLINGSPOR Abrasives every time.

FUSION FOAM (AO & SC)

- FOAM ABRASIVE WITH EXTREME LIFE AND AMAZING FINISH

FP 77 (AO)

- T-ACT COATING TO REDUCE LOADING AND IMPROVE FINISH

PS 73W (AO)

- STEARATED ALUMINUM OXIDE TO REDUCE LOADING FILM

MATTE FINISH

OPTIONAL PRE-STEP TO REMOVE SCRATCHES-P150 (PS 33 OR PS 73W)

STEP 1 P240 (PS 33, PS 73W, KLING-NET OR FUSION FOAM)

STEP 2 VERY FINE HAND PAD (WATER IMPROVES FINISH)
OR VERY FINE KLING-ON DISC

SEMI-GLOSS FINISH

OPTIONAL PRE-STEP TO REMOVE SCRATCHES-P150

STEP 1 P240 (PS 33, KLING-NET OR FUSION FOAM)

STEP 2 P400 (PS 33, FP 77, KLING-NET OR FUSION FOAM)

STEP 3 P1000 (PS 73W, FP 77, KLING-NET OR FUSION FOAM)

STEP 4 ULTRA FINE HAND PAD (OPTIONAL) OR ULTRA FINE KLING-ON DISC

HIGH GLOSS FINISH

OPTIONAL PRE-STEP TO REMOVE SCRATCHES-P150

STEP 1 P240 (PS 33, KLING-NET OR FUSION FOAM)

STEP 2 P400 (PS 33, FP 77, KLING-NET OR FUSION FOAM)

STEP 3 P1000 (FP 77, KLING-NET OR FUSION FOAM)

STEP 4 P1500 (FP 77, KLING-NET OR FUSION FOAM)

STEP 5 P2000 (FP 77 OR FUSION FOAM 1800-2500)

STEP 6 WHITE / NO ABRASIVE HAND PAD



To complete the sequences and achieve the best possible finishes, you'll need KLINGSPOR's Non-Woven Hand Pads. These premium materials are available in a variety of grits to help you reach the desired surface sheen.

* available in discs for orbital sanding

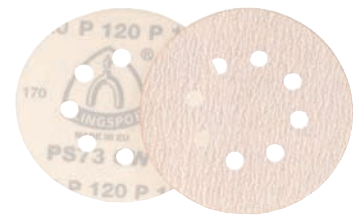
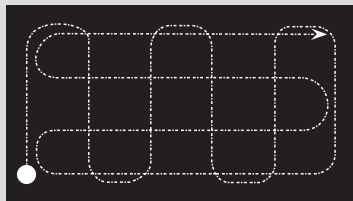


GEM SANDER - Commonly used in solid surface finishing. Available thru Klingspor's Woodworking Shop

SUGGESTIONS FOR BEST RESULTS

1. Use a 10,000-12,000 rpm random orbital sander.
2. Start the sander while resting flat on the surface and remove the sander before stopping to eliminate swirl marks.
3. Each grit needs to pass over the surface following a "North, South, East, West" pattern (see illustration) to insure that previous scratches are removed and a uniform finish is achieved. Two passes per step is recommended.
4. Clean surface after each step to minimize contamination scratches.





















Klingspor is one of the country's largest Dynabrade tool dealers. You'll find that these tools will outperform and outlast any other pneumatic tool on the market. The most popular and most useful for solid surface finishing is the Dynabrade model #56815. This random orbital sander features 12,000 rpms with a 3/16" orbit and a small hand grip. Dynabrade manufactures many tools that have perfect applications in solid surface work. Call Klingspor for all of your pneumatic tool needs











Our aluminum oxide extra-lube stearate materials (PS 73W & FP 77) are the premier products for the solid surface installer. They will accomplish tasks from removal of scratches to preparation for high gloss finishes. These materials will prove versatility and premium performance as you use it. So whether you're sanding by hand or with a power sheet sander or disc sander, these products will be your materials of choice.

More hole patterns available - consult intranet die list. 5% Upcharge on discs with 10 holes or more

KLING-ON® Hole Pattern Availability

DISC SIZE	NO HOLE	5 HOLES	8 HOLES	9 HOLES	DYNABRADE EXTREME	16 HOLES	17 HOLES	FESTOOL 48 HOLE	5" CENTER HOLE
4 1/2"									
5"				 Festool 5/8" Center Hole  Festool 1/4" Center Hole					
6"				 Festool 3/4" Center Hole			 Festool 3/8" Center Hole	 MJ2	
8"									
11"									

PSA Hole Pattern Availability

DISC SIZE	NO HOLE	5 HOLES	6 HOLES	8 HOLES	16 HOLES
5"					
6"					
8"					

BELT SANDING MATERIAL / APPLICATION RECOMMENDATION CHART

GENERAL GUIDELINES - CALL FOR SPECIFIC INFORMATION

Operation	Material			Grit
Abrasive Planing:	WOOD		Softwoods:	CS 311, CS 416
			Hardwoods:	CS 308, CS 310, CS 412, CS 411
	METAL		Soft Metals:	CS 311, CS 416, CS 920, CS 811YY
			Hard Metals:	CS 308, CS 310, CS 412, CS 411, CS 922, CS 811YY
Wide Belts:	WOOD	Primary	Softwoods:	CS 311, CS 416
			Hardwoods:	CS 308, CS 310, CS 412, CS 411
	METAL		Soft Metals:	CS 311, CS 416, CS 920
			Hard Metals:	PS 61, CS 308, CS 310, CS 412, CS 411, CS 922
	WOOD	Intermediate	Softwoods:	CS 311, PS 26, PS 28, PS 29, CS 416
			Hardwoods:	CS 308, CS 310, PS 22
	METAL		Soft Metals:	CS 311, CS 416, CS 920
			Hard Metals:	PS 61, CS 308, CS 310, CS 412, CS 411, CS 922
	WOOD	Finish	Softwoods:	CS 310, PS 26, PS 27, PS 29
			Hardwoods:	CS 308, CS 310, PS 22
	METAL		Soft Metals:	PS 21, PS 61, CS 311, CS 416
			Hard Metals:	PS 61, CS 308, CS 310, CS 412, PS 20, PS 21
Edge Sanding:	WOOD		Softwoods:	CS 311
			Hardwoods:	CS 308, CS 310, CS 412
	METAL		Soft Metals:	CS 311, CS 416
			Hard Metals:	CS 308, CS 310, CS 412, CS 411
Stroke Sanding:	WOOD		Softwoods:	CS 311, PS 26
			Hardwoods:	CS 308, CS 310, PS 22
	METAL		Soft Metals:	CS 311, CS 631
			Hard Metals:	CS 308, CS 310, CS 631, LS 912 JF, CS 931 JF, GX931JF
Mold Sanding:	WOOD		LS 312 JF, LS 309 JF, LS 318 JF	80-180
Pump Drum Sanding:	WOOD		LS 312 JF, LS 309 JF, LS 318 JF	80-150
Scroll Sanding:	WOOD		LS 312 JF, LS 309 JF, LS 318 JF	100-150
Spindle Sanding:	WOOD		Spiral Bands, AO	100-150
Flutter Sheet/Discs:	WOOD		LS 309J, LS 312 JF, LS 318 JF	100-150
Portable Belt Sanding:	WOOD		LS 309 XH, CS 308, CS 310, CS 311, CS 411 Y, CS 416	60-150
			METAL	CS 308, CS 310, CS 311, CS 412, CS 411, CS 416 24-120
Orbital Disc Sanding:	WOOD	Bare Woods:	PS 29, PS 31, PS 33, PL 36, PS 36, PS 73W, VP 73W, FP 73W, CS 710 XF, FP 77, PS 77	80-180
			Finished Woods:	PL 35, PS 11, FP 77, PS 77
				220 up
Backstand:	METAL	Grinding	CS 308, CS 310, CS 412, CS 311, CS 411, CS 920, CS 922, CS 811YY, CS 409	24-60
		Finishing	LS 309JF, LS 312, CS 631, GX 533, GX 712, GX 931 JF, CS 931 JF, LS 912 JF	80-400



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