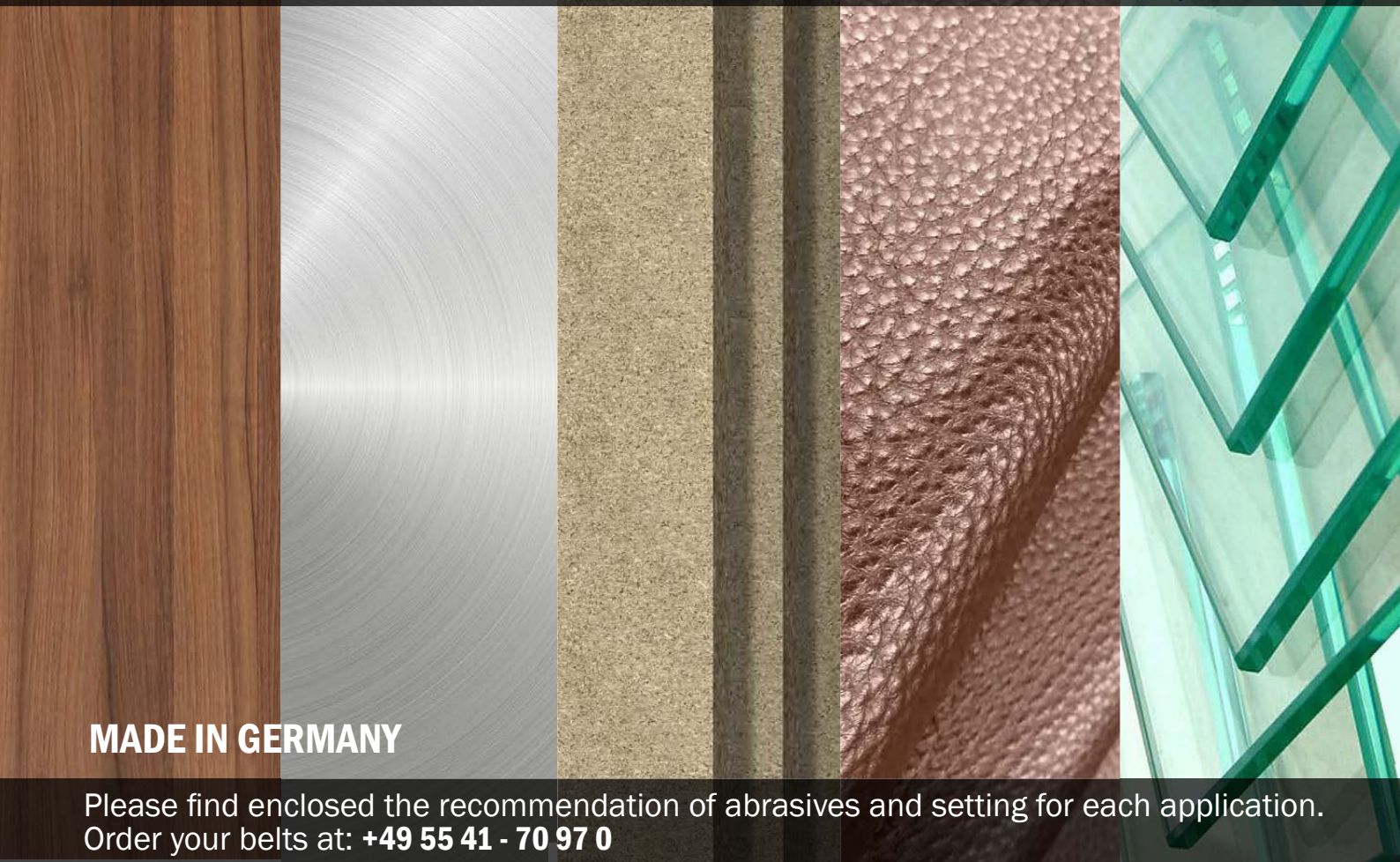




AWUKO

PRODUCT CATALOG 2021

AWUKO HIGH QUALITY ABRASIVES THE RIGHT SOLUTION FOR EVERY CHALLENGE




















MADE IN GERMANY

Please find enclosed the recommendation of abrasives and setting for each application.
Order your belts at: **+49 55 41 - 70 97 0**


AWUKO ABRASIVES
Wandmacher GmbH & Co. KG
Hedemündener Straße 9
D - 34346 Hann. Münden
Tel.: +49 (0) 5541 - 7097 0
Fax: +49 (0) 5541 - 6727
eMail: info@awuko.com


Paper-based products	Page 02
Cotton cloth-based products	Page 06
Combination backing products	Page 08
Polyester-based products	Page 09
Additional products	Page 10

Type of backing	Type of grain	Coating	Materials
Paper	Aluminium oxide	open	 Wood  Metal  Aluminium  Titan  Fiberboard  Leather
Cotton cloth	Silicon carbide	dense	 Porcelain  Stone  Glass  Rubber  Lacquer  Spatula
Combination	Zirconia	semi open	 Pastic  Parquet  Different panels  Polished finish  Welds
Polyester/Synthetic	Ceramics	without	
other	other	other	

Paper-based products

01






KP18F


Backing: F-paper
 Bonding: Synthetic resin
 Grain: Aluminium oxide
 Coating: Open
 Application area: All types of wood, fibreboard materials, metal
 Application: Wide-belt and long-belt grinding machines, edge-belt grinding machines

Available grits

16 20 24 30 36 **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500

02






KP12F


Backing: F-paper
 Bonding: Synthetic resin
 Grain: Aluminium oxide
 Coating: Open
 Application area: Leather
 Application: Wide-belt and cylinder grinding machines

Available grits

16 20 24 30 36 40 50 **60** 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500

03





KP52F

Backing: F-paper
 Bonding: Synthetic resin
 Grain: Aluminium oxide
 Coating: Half open
 Application area: Resinous wood, solid wood and softwood
 Application: Wide-belt and long-belt and edge-belt grinding machines

Available grits

16 20 24 30 36 **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



KP80E

Backing E-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Wood, metal, leather, lacquer, paint, primer filler
 Application Wide-belt and long-belt grinding machines, edge grinding machines, manual sanding

Available grits

16 20 **24** 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500

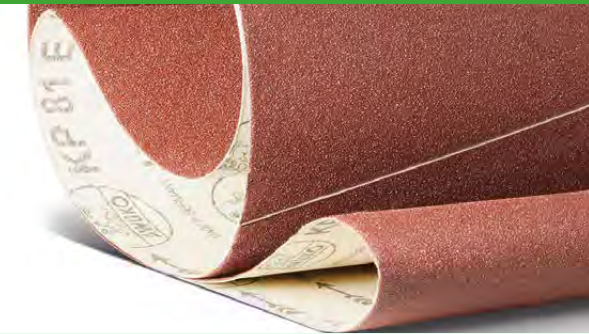


KP81E

Backing E-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Leather
 Application Cylinder grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 **120** 150 180 220 240 280 320 360 400 500 **600** 800 900 1000 1200 1500



KP43E

Backing E-paper
 Bonding Hide glue
 Grain Aluminium oxide
 Coating Dense
 Application area Leather, PUR-paint, polyester lacquer, soft plastics
 Application Wide-belt and long-belt grinding machines, edge grinding machines

Available grits

16 20 24 30 36 40 50 60 80 **100** 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



KP47F

Backing F-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Leather, PUR-paint, polyester lacquer, soft plastics
 Application Wide-belt and long-belt grinding machines, cylinder grinding machines

Available grits

16 20 24 30 36 40 50 60 **80** 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



KP20F

Backing F-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Leather (greasy and oily leather)
 Application Wide-belt and cylinder grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 **180** 220 240 280 320 360 **400** 500 600 800 900 1000 1200 1500



09



KP16C

Backing C-paper
 Bonding Synthetic resin with stearate
 Grain Aluminium oxide
 Coating Open
 Application area Wood, paint, plastic, spatula
 Application Orbital sanders, long-belt and edge-belt grinding machines, manual sanding

Available grits

16 20 24 30 36 **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



10



KP32C

Backing C-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Half open
 Application area Wood, paint, plastic
 Application Orbital sanders, long-belt and edge-belt grinding machines, manual sanding

Available grits

16 20 24 30 36 40 50 60 **80** 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



11



KP73B

Backing B-latex-paper
 Bonding Hide glue
 Grain Aluminium oxide
 Coating Semi open
 Application area Wood, laquer, plastic, spatula
 Application Manual sanding, orbital sanders

Available grits

16 20 24 30 36 **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



12

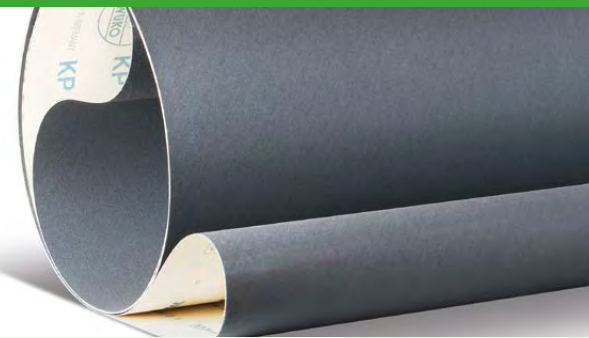


KP88F

Backing F-paper
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Metal, stainless steel
 Application Stainless steel cut, wide-belt grinding machines, stainless steel coil unit

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 **240** 280 320 360 400 500 600 800 900 1000 1200 1500



13



SP40E

Backing E-paper
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating Dense
 Application area Wood, paint, glass, porcelain, stone, rubber, plastic, melamine resin film, PUR- and UV-lacquer
 Application Wide-belt, long-belt and edged-belt grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 **220** 240 280 320 360 400 500 600 800 900 1000 1200 1500



14

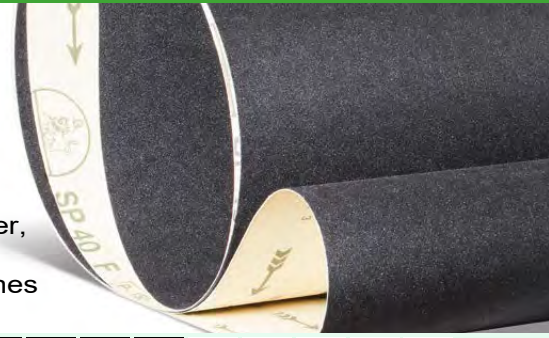


SP40F

Backing F-paper
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating Dense
 Application area Wood, metal, paint, porcelain, stone, screed, rubber, plastic, melamine resin film, PUR- and UV-lacquer
 Application Wide-belt, long-belt and edged-belt grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



15



SP46E

Backing E-paper
 Bonding Synthetic resin with stearate
 Grain Silicon carbide
 Coating Dense
 Application area Paint, priming, filler, UV-, PUR- and Hydro UV-lacquer, aluminium, melamine resin film
 Application Wide-belt, long-belt and edged-belt grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



16



SP46F

Backing F-paper
 Bonding Synthetic resin with stearate
 Grain Silicon carbide
 Coating Dense
 Application area Paint, priming, filler, UV-, PUR- and Hydro UV-lacquer, aluminium, melamine resin film
 Application Wide-belt, long-belt and edged-belt grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



17



SP48G

Backing G-paper
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating Dense
 Application area Wood (chipboards, MDF boards, HDF boards, OSB boards, HPL boards)
 Application Wide-belt, long-belt and edged-belt grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



18



SP23E

Backing E-paper
 Bonding Hide glue
 Grain Silicon carbide
 Coating Dense
 Application area Wood, synthetic leather, paint finish, clear and pigmented colour polyester, nitrocellulose paint, PUR-paint, leather
 Application Wide-belt, long-belt and cylindrical grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



Paper-based products

19



SP23B

Backing
Bonding
Grain
Coating
Application area

B-paper
Hide glue
Silicon carbide
Dense
Paint (paint finish, clear polyester, nitrocellulose paint, pigmented colour polyester and PUR-paint)
Manual sanding, orbital sanders, long-belt grinding machines

Application

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 **180 220 240 280 320 360 400 500 600** 800 900 1000 1200 1500



20



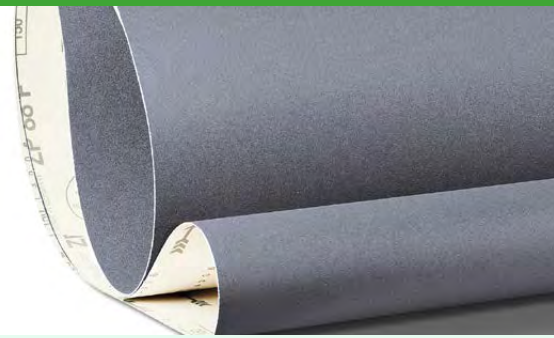
ZP88F

Backing
Bonding
Grain
Coating
Application area
Application

F-paper
Synthetic resin
Zirconia
Dense
Metal, stainless steel
Stainless steel cut, wide-belt grinding machines, stainless steel coil unit

Available grits

16 20 24 30 36 40 50 60 80 **100 120 150 180 220** 240 280 320 360 400 500 600 800 900 1000 1200 1500



AWUKO abrasives products with a stable cotton cloth backing

Cotton cloth-based products

21



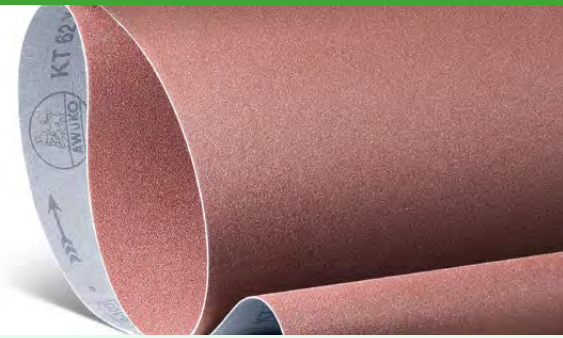
KT62X

Backing
Bonding
Grain
Coating
Application area
Application

X-cotton cloth
Synthetic resin
Aluminium oxide
Dense
Wood, metal and leather
Wide-belt and long-belt grinding machines

Available grits

16 20 24 30 **36 40 50 60 80 100 120 150 180** 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



22



KT82X

Backing
Bonding
Grain
Coating
Application area
Application

X-cotton cloth
Synthetic resin
Aluminium oxide
Dense
Wood, floor
Long-belt grinding machines, parquet sanding machines and portable machine sanding.

Available grits

16 20 24 30 **36 40 50 60 80 100 120 150 180** 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



23

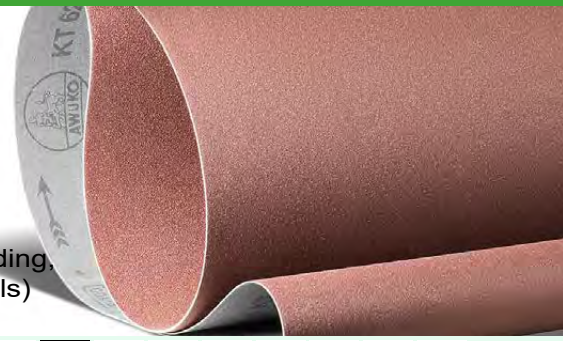


KT62XF

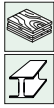
Backing X-cotton cloth
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Wood, metal, leather
 Application Long-belt, profile grinding machines, manual sanding, for the production of sanding strip pins (flap wheels)

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



24



KT62J

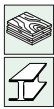
Backing J-cotton
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Wood and metal
 Application Machining on sanding block, as well as in the wood area for edged-belt, long-belt and profile grinding machines.

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



25

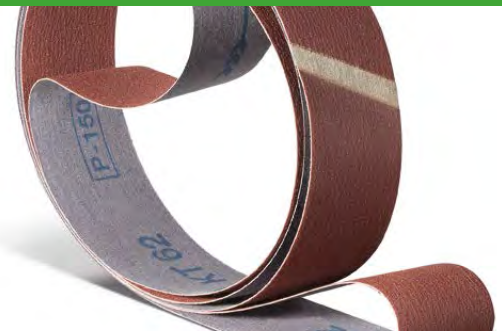


KT62F

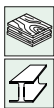
Backing JFF blended cotton cloth
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Wood and metal
 Application Belt grinding machines, profile grinding machines and manual sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



26

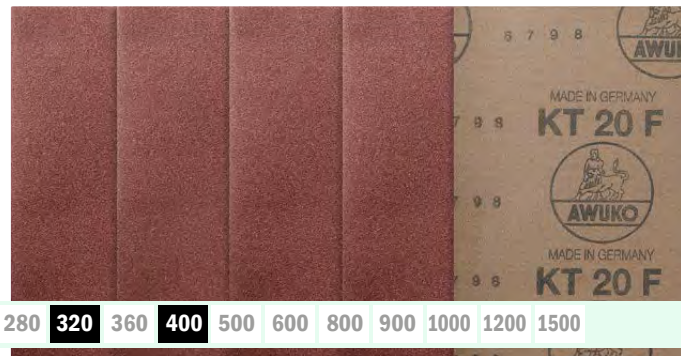


KT20F

Backing J-cotton (superflex) cloth
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Wood and metal
 Application Manual sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



27



KT23M

Backing M-cloth, medium flexible cotton cloth
 Bonding Hide glue
 Grain Aluminium oxide
 Coating Dense
 Application area Porcelain
 Application Machine grinding on contact belt and special grinding machine, rolled goods on special machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



Cotton cloth-based products

28



ST10X

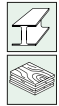
Backing X-cotton cloth
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating Half open
 Application area Floor, stone, wood
 Application Parquet sanding machines

Available grits

12 16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200



29

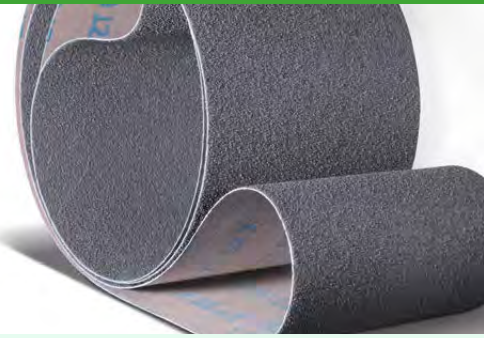


ZT62X

Backing X-cotton cloth
 Bonding Synthetic resin
 Grain Zirconia
 Coating Dense
 Application area Metal and wood
 Application Wide-belt, long-belt and edge-belt grinding machines, hand-belt sanders, parquet sanding machines.

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



30



ZT22X

Backing Polycotton fabrics
 Bonding Synthetic resin
 Grain Zirconia
 Coating Open
 Application area Metal (like steel, cast, alloyed and non-alloyed steel)
 Application Very high chip removal power and long service life. Developed for the production of flap discs.

Available grits

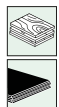
16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



AWUKO abrasives with the right mix of materials

Combination backing products

31



SK22S

Backing Combination (fabric/ paper)
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating Dense
 Application area Wood (chipboards, MDF boards, HDF boards, OSB boards, HPL boards)
 Application Wide-belt, long-belt and edge grinding machines

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



Combination backing products

32



OK96L

Backing Light combination
 Bonding -
 Grain -
 Coating -
 Application area Leather
 Application Wide-belt and cylinder grinding machines

Available grits

no grits



Polyester Backing for high demands and stability

Polyester-based products

33



KU52SY

Backing Waterproof SY-cloth, capable of segmentable
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Open
 Application area Solid wood and plywood
 Application Segmented-belt, wide-belt and long-belt grinding machines

Available grits

16 20 24 30 **36** **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



34



SU22SY

Backing Polyester cloth
 Bonding Synthetic resin
 Grain Silicon carbide
 Coating closed
 Application area Wood/chipboards, MDF, HDF, OSB boards, cement fibre and gypsum fibre boards
 Application Segmented-, wide- and long-belt grinding machines

Available grits

16 20 **24** 30 **36** **40** 50 60 80 100 120 150 **180** 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



35

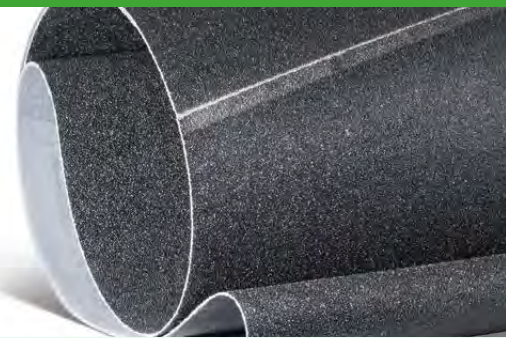


SU42Y

Backing Polyester cloth
 Bonding Synthetic resin
 Grain Silicon carbide (SiC)
 Coating Closed
 Application area Metal, cement fibre, gypsum fibre, glass, stone
 Application Segmented-belt, wide-belt and long-belt grinding machines

Available grits

16 20 **24** 30 **36** **40** 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



Polyester-based products

36

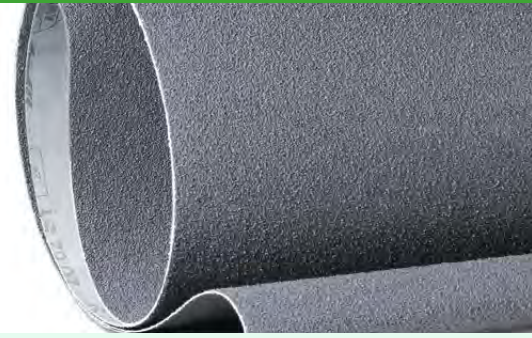


ZU62SY

Backing Polyester cloth
 Bonding Synthetic resin
 Grain Zirconia
 Coating Closed
 Application area Metal like titanium and stainless steel
 Application Segmented-belt, wide-belt and long-belt grinding machines

Available grits

16 20 **24** 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



37



GU65Y

Backing Polyester cloth
 Bonding Synthetic resin
 Grain Ceramics with Top Coat
 Coating Closed
 Application area Metal, steel and stainless steel
 Application Wide-belt and long-belt grinding machines

Available grits

16 20 **24** 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



AWUKO abrasives. Additional products that cannot be missing

Additional products

38



SGI Zircon **surface grinding innovation**

Backing Polyester
 Bonding Synthetic resin
 Grain Zirconia with Top Coat
 Coating Dense
 Application area Metal, stainless steel, steel, wood, paint, filler
 Application Discs

Available grits

16 20 **24** 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



IN PLANNING

39

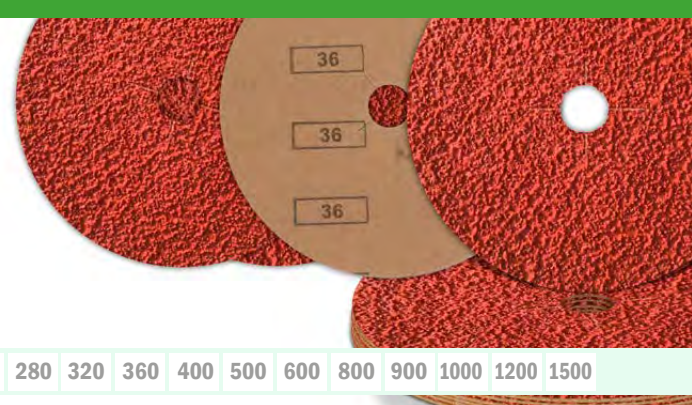


SGI Ceramics **surface grinding innovation**

Backing Polyester
 Bonding Synthetic resin
 Grain Ceramics with Top Coat
 Coating Open
 Application area Metal, stainless steel, steel, aluminum welds
 Application Discs

Available grits

16 20 **24** 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



40



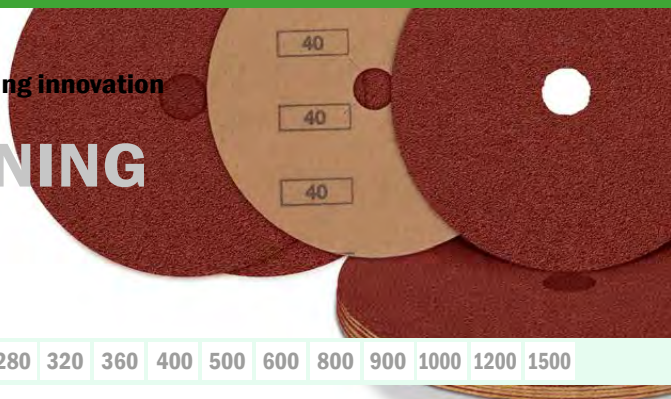
SGL Aluminium oxide surface grinding innovation

Backing Polyester
 Bonding Synthetic resin
 Grain Aluminium oxide
 Coating Dense
 Application area Metal, welds and stainless steel
 Application Discs

IN PLANNING

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



41



KQ50Z SURFACE NET⁺

Backing Mesh cloth
 Bonding Resin bonded
 Grain Aluminium oxide AlO₂
 Application area Lacquer and wood
 Hole shape no cut
 Application Discs
 Diameter 125 and 150mm

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



42

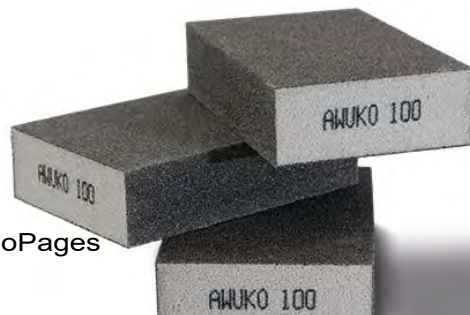


Polishing sponge

Backing Foam sponge
 Version Soft or hard
 Grain Aluminium oxide
 Coating 4-sided dispersion
 Size 97 mm x 70 mm x 25 mm
 Application area Wood, suitable for metal, plastic, coatings, compoPages
 Application Manual sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



43



Polishing mat

Backing Soft, flexible foam mat
 Grain Silicon carbide
 Coating 2-sided coating
 Application area Creates a shiny polishing finish in the paint and wood area, ideally suitable for finishing gently profiled parts
 Application Manual sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



44



Awuko SOFT

Backing Flexible latex A-paper
 Bonding Synthetic resin
 Grain Aluminium oxide with stearate
 Coating Half open
 Application area Wood, paint, filler, plastic and glass
 Application Manual sanding
 Size Roll 25m x 115mm for hand sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 900 1000 1200 1500



45



Pads

Backing: Very heavy to very fine, soft fibres
 Bonding: Synthetic resin
 Grain: Silicon carbide
 Coating: Open
 Application area: Floor
 Application: Machining on parquet floors and floorboards

Colours

Very heavy **Black** heavy **Green** medium **Red** fine **Beige** extremely fine **White** Fibre



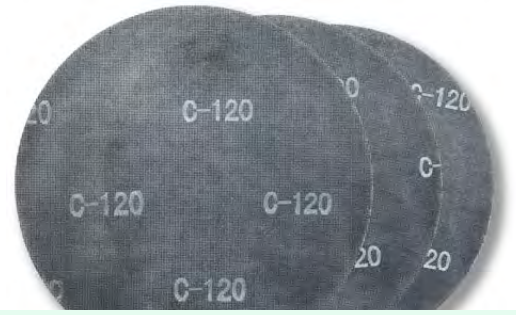
46



Abrasive mesh

Backing: Mesh cloth
 Bonding: Synthetic resin
 Grain: Silicon carbide
 Coating: On the cloth mesh
 Forms: Discs in Ø 406 mm
 Application area: Floor, stone, screed and spatula
 Application: Parquet sanding machines

16 20 24 30 36 40 50 **60** 80 100 120 150 180 220 240 280 **320** 360 400 500 600 800 900 1000 1200 1500



47



SH70X Fleece

Backing: Fleece
 Bonding: Synthetic resin
 Grain: Silicon carbide
 Coating: Open
 Application area: Metal, wood / floor, lacquer / paint
 Application: Manual sanding

Available grits

16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 **400** 500 600 800 900 **1000** 1200 1500



48



KH70XV Fleece

Backing: Fleece
 Bonding: Synthetic resin
 Grain: Aluminium oxide
 Coating: Open
 Application area: Metal, area wood / floor, lacquer / paint
 Application: Manual sanding

Available grits

16 20 24 30 36 40 50 60 80 **100** 120 150 **180** 220 240 **280** 320 360 **400** 500 600 800 900 1000 1200 1500



Always pay attention to your safety while working



AWUKO ABRASIVES
 Wandmacher GmbH & Co. KG
 Hedemündener Straße 9
 D - 34346 Hann. Münden
 Tel.: +49 (0) 5541 - 7097 0
 Fax: +49 (0) 5541 - 6727
 eMail: info@awuko.com