



PRODUCT CATALOGUE

2023







*be different and do different*



*since 1952*



Napoleon Abrasives SpA, established in 1952, is an Italian Company specialized in production of coated abrasives.

In particular, Napoleon manufactures abrasives on paper, film and cloth backing for uses in wood, metal, automotive, nautical, textile and leather sectors.

In San Giovanni Lupatoto's plant (a few kilometers from the city of Verona), highly automated production lines grant us a wide range of high-performance products that meet all the sanding requirements. Our products are constantly subjected to quality tests to verify their efficiency and to guarantee excellence in sanding for all our customers;

Napoleon develops high-performance abrasive products and specific sanding solutions for each phase of our main markets and in general for all working processes on surfaces based on acrylic and / or polyester resins or latest generation composite materials.

The Automotive & Composites offer has the best and unique products in the category, that have already established new standards in terms of durability, quality and homogeneity of finish.

In addition to the reliability of our products, we can offer our expertise and in-depth knowledge of surface finishes acquired in 70 years of experience, assisting customers in choosing products and finishing processes that can best meet their needs.

During the last years Napoleon became more and more a worldwide company group: with our 12 subsidiaries companies we are present in Europe, Asia, North America, South America and South Africa. Our headquarters are located in Italy, between Verona and Venice, and our productions are 100% Made in Italy, using only European raw materials for most of our items.



# CERTIFICATE



From the 21st November 2016 Napoleon Abrasives S.p.a. received the **ISO 9001: 2015** certification by **TÜVRheinland®**

## LEGEND

### HOW TO USE



HAND  
SANDING



ROTO-ORBITAL  
DISC SANDER



ORBITAL MINI  
SANDER



HAND  
SANDING  
WITH PAD



ORBITAL  
SANDER



WIDE BELT  
SANDER

### PRODUCT ICON



JUMBO ROLL



DISC



SHEET



ROLL



PRE-CUT ROLL



WIDE BELT



NARROW BELT

### SECTOR ICON



AUTOMOTIVE



WOOD



MARINE



COMPOSITE



METAL



PAINT



LEATHER



TEXTILE



GLASS

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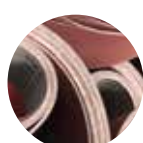
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## 01 NAPOLEON PRODUCTS



**ABRASILK** the ultra-transpiring backing grants total dust suction, thus creating a better working environment. Transpiration reduces the temperature of the processed surface, improves the anti-clogging feature, grants a longer lifetime and quality finishing. Especially designed for the matting and shading of paints, these discs are ideal for the even finish of the surface before polishing. It is suitable for wet and dry applications.



BACKING	FABRIC ON SPONGE	COATING	SPECIAL SYSTEM
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	SPECIAL SYSTEM	GRIT	P500/P800/P1000/ P2000/P3000/P4000/ P5000
WIDTH	-	COLOR	W/B/P/O/R/G/Y

**ABRATEX** is new patent pending woven abrasive mainly developed for mattening of hard-to-reach areas, prior to painting. It is also used when feathering out, removing overspray in a blending zone and for spot repairs. In the wood sector it is also excellent for intermediate sanding. Abratex produces a dense and uniform scratch pattern. Abratex is suitable for wet and dry use.



BACKING	FABRIC ON SPONGE	COATING	SPECIAL ABRATEX SYSTEM
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	SPECIAL ABRATEX SYSTEM	GRIT	P320/P600/P1200
WIDTH	-	COLOR	RED/GREY/GOLD

**AF22** AF22 is a premium quality abrasive which reaches great performances thanks to the high flexibility of the backing and it is suitable for manual sanding in a multitude of applications. The new system of aluminum oxide coating and the high-quality stearate reduces the clogging of the product.



BACKING	A-WEIGHT	COATING	EXTRA-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	RESIN	GRIT	P120-P1200
WIDTH	1650 mm	COLOR	GOLD



**ALL BLACK COMBI** ideal for high performance UV coating as inert coating or hot coating. In the wood industry for sanding MDF (before laminating process) with wide and narrow belt sanding machines or edge sanders, combines a longer lifespan with excellent finishing results for laminating with the thinnest sheets.



BACKING	COMBINED BACKING	COATING	SEMI-OPEN
GRAIN	SILICON CARBIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P80-P600
WIDTH	1650 mm	COLOR	BLACK

**BF23** Thanks to the perfect cut, the great lifetime and the exceptional flexibility, BF23 is a high-quality abrasive suitable for multiples applications which reaches unique and constant outcomes without clogging or loading.



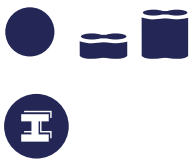
BACKING	B-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P80-P800
WIDTH	1650 mm	COLOR	RED

**CCREF** is particularly indicated for the process of the skins and wet blue.



BACKING	F-WEIGHT	COATING	CLOSED
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P60-P600
WIDTH	1860 mm	COLOR	RED

**CC22** the F-WEIGHT paper backing makes the product very stable. The sanding additives and fillers allow CC22 a high removal rate combined with a longer lifetime. It is a perfect fit for use in the metal industry specially for stainless steel service centers, steel, ferrous metals and NF metal.



BACKING	F-WEIGHT	COATING	SEMI-OPEN
GRAIN	CERAMIC	STEARATE	ACTIVE FILLER
BONDING	DOUBLE RESIN	GRIT	P60-P400
WIDTH	1650 mm	COLOR	PURPLE

**CERNET** is an abrasive composed of a fully perforated polyamide net, this product allows an outstanding dust extraction on the worked surface, without the risk of clogging and with a high performance efficiency.



BACKING	PA NET	COATING	OPEN
GRAIN	CERAMIC	STEARATE	NO
BONDING	RESIN	GRIT	P80-P180 WITH EXTRA VELOUR P220-P600 WITH NORMAL VELOUR
WIDTH	1600 mm	COLOR	BLUE

**CRE** is suitable for the wood industry thanks to the semi-open coating and E-Weight backing. It has been designed for sanding of veneers, non-clogging hard wood and plywood. CRE is adapt for wide and narrow belts.



BACKING	E-WEIGHT	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P40-P220
WIDTH	1420 mm	COLOR	BROWN

**CREF\*** is suitable In the wood industry for the calibration and sanding of hardwood, blockboard wood, plywood and in the production of parquets and panels with wide and narrow belt sanding machines. Additionally, CREF\* gives satin finishing of metal sheets, alloy steel and stainless steel with narrow or wide belt sanding machines In the metal industry.



BACKING	E-WEIGHT (1420 mm) F-WEIGHT (1650 mm)	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P400 (1420 mm) P40-P320 (1650 mm) P40-P320 (1860 mm)
WIDTH	1420 / 1650 mm	COLOR	BROWN

**CSER** composed with silicon carbide grains on a E-Weight paper backing provides great finishing thanks to the closed coating on MDF, Polyurethane Paints, Polyester Paints, Fillers and Acrylic surface.



BACKING	E-WEIGHT	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	YES
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P240-P600
WIDTH	1420 mm	COLOR	BLACK

**CSFR** is particularly indicated for the leather industry. CSFR can also be utilized for wood the industry in the applications that require a F-Weight backing paper with silicon carbide grains and closed coating.



BACKING	F-WEIGHT	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P800
WIDTH	1420 mm - 1650 mm - 1860 mm	COLOR	BLACK

**CT18** is a new product created for the metal industry but with multipurpose applications. CT18 astonishes for its tear-resistance. Nonetheless the G-Weight backing, CT18 has the same tear-resistance of a X-Weight cloth. CT18 gives perfect outcomes in the metal (iron and non ferrous metal, raw metal sanding, welding removal), wood (rough, intermediate and fine sanding for solid wood and veneered boards) and leather (wet blue leather) industry.



BACKING	G-WEIGHT	COATING	CLOSED
GRAIN	ZIRCONIUM	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P36-P220
WIDTH	1650 mm	COLOR	BLUE

**CY11** is made with high quality paper that allows to have great results in any situation (wet and dry applications). CY11 is suitable for sanding and finishing on multiple surfaces. This product is characterized by the yellow backing.



BACKING	D-WEIGHT (P60-P320) C-WEIGHT (P360-P2500)	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE (P60-P1200) SILICON CARBIDE (P1500-P2500)	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P60-P2500
WIDTH	1650 mm	COLOR	RED

**CF19** this innovative and multi-purpose product composed with ceramic grains and film backing, ensures fast and high stock removal with perfect results. The stearate layer reduces the clogging and improve the lifespan of the product.



BACKING	FILM	COATING	OPEN
GRAIN	CERAMIC	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P60-P1000
WIDTH	1650 mm	COLOR	WHITE



**GA02** the double resin and the open coating ensure excellent results in the wood industry for the calibration and sanding of hardwood and plywood with wide and narrow belt sanding machines. GA02 is produced on a F-Weight backing from P40 to P150 and on a E-Weight backing from P180 to P240.



BACKING	F-WEIGHT (P40-P150) E-WEIGHT (P180-P240)	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P240
WIDTH	1420 mm	COLOR	BLUE

**GA03** is the best solution for resinous wood. The extra-open coating ensures long-lasting and efficiency even when sanding easy-to-clog material. This feature also keeps the temperature low for all the applications. It is suitable in the wood industry for the calibration and sanding of soft and resinous woods, easy clogging woods with wide and narrow belt sanding machines.



BACKING	F-WEIGHT (P40-P150) E-WEIGHT (P180)	COATING	EXTRA-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P180
WIDTH	1420 mm	COLOR	BLUE

**GF02 COMBI PAPER** product with Aluminium Oxide, with cooling additive and PET film backing combined with paper, is specially addressed to the wood industry, it is used for the sanding of melamine papers, polyester paints, acrylic and poly-acrylic solvent-based paints. But, also for the composite industry for the sanding of carbon fibers, polyurethanes, acrylic resins.



BACKING	PET FILM + C WEIGHT PAPER	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P120-P1500
WIDTH	1650 mm	COLOR	PINK-WHITE STRIPES

**GF02 COMBI VELOUR** product with Aluminium Oxide, with cooling additive and PET film backing combined with velour, is successfully used in the furniture industry to sand solvent-based or water-based lacquers.



BACKING	PET FILM + VELOUR	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P120-P1500
WIDTH	1650 mm	COLOR	PINK-WHITE STRIPES

**GM16** is a high-quality polyester film abrasive with aluminium oxide grains that can ensure perfect cutting, lasting, resistance and flexibility. This product is perfect for the automotive, wood and marine industries. The special stearate and the open coating prevent the clogging of the abrasive.



BACKING	POLYESTER FILM	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P60-P1500
WIDTH	1650 mm	COLOR	WHITE

**GFZ COMBI PAPER** product with Zirconium and Alox blend, cooling additive and PET film backing combined with paper, has its best performances in the wood industry for the calibration and sanding of hard wood, blockboard, plywood and MDF, and in particular in the production of panels and parquets. It's particularly suitable in the metal industry to satin-finish metal sheets, alloy steel and stainless steel. Available in the grits from P80 to P220.



BACKING	COMBINED BACKING	COATING	OPEN
GRAIN	ZIRCONIA /ALOX BLEND	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P80-P220
WIDTH	1650 mm	COLOR	GREEN-WHITE

**ICE-CUT** the innovative precision shaped ceramic system combined with aluminium oxide on flexible paper backing, gives to this product efficiency and speedness never seen before. The shaped ceramic technology prevents clogging and ensures to ICE CUT a longer lifetime, as the grains stay sharp for longer.



BACKING	C-PAPER WEIGHT	COATING	OPEN
GRAIN	PRECISION SHAPED CERAMIC	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P40-P1000
WIDTH	1650 mm	COLOR	WHITE

**ICE FLEX** is characterized by great flexibility. It is the perfect product for sanding wood in general and sanding polyurethane and polyester paints on slight contours and shaped details on metal. ICE FLEX is also suitable as industrial abrasive cloth rolls for manual sanding of lathed and shaped details



BACKING	F-WEIGHT COTTON CLOTH	COATING	SEMI-OPEN
GRAIN	PRECISION SHAPED CERAMIC	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P40-P400
WIDTH	1420 mm	COLOR	RED/BROWN

**ICE FLEX-C** the F-WEIGHT flexible cotton backing makes the product very flexible. Its sanding additives and fillers allow ICE FLEX-C high removal rate combined with a longer life. It is a perfect fit for use in the metal industry specially for stainless steel, steel, ferrous metals and NF metal.



BACKING	F-WEIGHT COTTON CLOTH	COATING	SEMI-OPEN
GRAIN	PRECISION SHAPED CERAMIC	STEARATE	ACTIVE FILLER
BONDING	DOUBLE RESIN	GRIT	P40-P400
WIDTH	1420 mm	COLOR	PURPLE

**KCC** the combination of film backing and ceramic/alox blend grains ensure fast and high stock removal and perfect result in any situation. In addition to outstanding performances, KCC can be used for longer time.



BACKING	POLYESTER FILM	COATING	OPEN
GRAIN	CERAMIC/ALOX BLEND	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P40-P2000
WIDTH	1650 mm	COLOR	RED + WHITE

**KFL-N** is a high-quality polyester film abrasive with aluminium oxide grains that can ensure with high resistance and flexibility. This product is suitable for the automotive, wood and marine industries. The special stearate and the open coating prevent the clogging of the abrasive.



BACKING	POLYESTER FILM	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	RESIN	GRIT	P800-P2500
WIDTH	1650 mm	COLOR	WHITE

**KVB** is a high-quality polyester film abrasive that can ensure perfect cutting, lasting, resistance and flexibility. Superb results can be achieved in the automotive, wood and marine industries. The special stearate and the open coating prevent the clogging of the abrasive.



BACKING	POLYESTER FILM	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P40-P2000
WIDTH	1650 mm	COLOR	BLUE-WHITE STRIPES



**NC07\*** premium quality grains on a high quality paper allows to have great results in any situation. NC07\* is suitable for sanding and finishing on multiple materials: lacquers, paint, body fillers, glass, metal, plastic, stone and marble.



BACKING	C-WEIGHT	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE (P60-P800) SILICON CARBIDE (P1000-P2500)	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P60-P2500
WIDTH	1420 mm	COLOR	BLACK

**NC11** gives constant performances during all the process and the presence of stearate allows to hold off the clogging of the abrasive and longer lasting.



BACKING	C-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE (P800-P1500 SC)	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P1500
WIDTH	1420 mm	COLOR	BROWN

**NC11N** is ideal for manual wet sanding of lacquered surfaces between coats as well as for fixing defects in the lacquer. NC11N is also suitable for removal of orange peel structure and for spot mark repair. The use of a sanding block is recommended, in order to obtain a smooth surface with a smooth sanding pattern.



BACKING	C-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE (P800-P1500 SC)	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P1500
WIDTH	1420 mm	COLOR	BROWN

**NF1102** is suitable for metal industry for sanding iron and non-ferrous metal. It is also suitable for calibration and sanding of hardwood, blockboard wood and plywood and especially in the production of parquets and panels with wide and narrow belt sanding machines in the wood industry



BACKING	F-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P400 (NO P360)
WIDTH	1420 mm	COLOR	BROWN

**NF1102S** keeps all the characteristics of the product NF1102, but ensures better finishing and longer lifetime of the abrasive thanks to the additional layer of stearate.



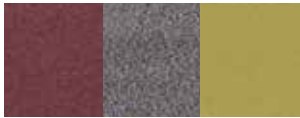
BACKING	F-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P400
WIDTH	1420 mm	COLOR	BROWN

**NWN** is a flexible abrasive easy to use on contoured surfaces. It ensures an excellent finish of any material thanks to its special three-dimensional structure. It is ideal for matting of surfaces and creates an excellent base for the next lacquer layer.



BACKING	NON-WOVEN	COATING	THREE DIMENSIONAL
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	RESIN	GRIT	P320/P600/P1500
WIDTH	1420 mm	COLOR	GREEN/RED/GREY

**NWN SOFT** is a flexible abrasive easy to use on contoured surfaces. It ensures an excellent finish of any material thanks to its special three-dimensional structure. It is ideal for matting of surfaces and creates an excellent base for the next lacquer layer.



BACKING	NON-WOVEN	COATING	THREE DIMENSIONAL
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	RESIN	GRIT	P600/P1500/P2500
WIDTH	1700 mm	COLOR	RED/GREY/GOLD

**NZC** is a premium quality abrasive and it is suitable for high speed sanding in a multitude of applications. The perfect combination between the new system of zirconium distribution and the special stearate prevents clogging and gives excellent finishing.



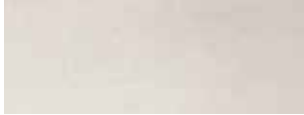
BACKING	D-WEIGHT (P40-P120) C-WEIGHT (P150-P1000)	COATING	EXTRA-OPEN
GRAIN	ZIRCONIA (P40-P240) ALOX (P280-P1000)	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P40-P1000
WIDTH	1650 mm	COLOR	GREEN

**PC17** this innovative and multi-purpose product composed with ceramic alox blend grains ensures fast and high stock removal with perfect results. The stearate layer reduces the clogging and improve the lifespan of the product.



BACKING	D-WEIGHT (P40-P100) C-WEIGHT (P120-P1000)	COATING	OPEN
GRAIN	CERAMIC/ALOX BLEND	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P1000
WIDTH	1650 mm	COLOR	BLUE

**Q97D** is a specific product that gives excellent results in the and leather industry. It's specially made for polishing and finishing of fine leathers.



BACKING	PAPER LAMINATED WITH CLOTH	COATING	-
GRAIN	-	STEARATE	-
BONDING	-	GRIT	-
WIDTH	1420 mm	COLOR	CREAM

**RSAS** with its soft, flexible characteristics, has been developed for hand sanding irregular and contoured surfaces and small, hard-to-reach parts. These features make RSAS particularly ideal for the automotive sector. The special stearate coating process prevents clogging and it is suitable for dry sanding.



BACKING	B-WEIGHT (P120-P180) A-WEIGHT (P200-P1200)	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P120-P1200
WIDTH	1650 mm	COLOR	YELLOW

**SCS** is a premium quality abrasive and it is suitable for high speed sanding in a multitude of applications. The perfect combination between the new system of aluminium oxide distribution and the special stearate prevents clogging and gives excellent finishing.



BACKING	D-WEIGHT (P40-P120) C-WEIGHT (P150-P1200)	COATING	EXTRA-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P1200
WIDTH	1650 mm	COLOR	YELLOW



**SCS-RX** Special mineral grains with improved bonding power which prevents shelling, provides faster cutting and longer sanding life; Fast cutting performance with unique adhesive treatment. Specific anti-clogging treatment is being adapted to minimize dust while sanding, which also support consistency in sanding performance.



BACKING	C/D WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	RESIN	GRIT	P40-P1200
WIDTH	1650 mm	COLOR	BROWN

**SD** smoother sanded surface and a better final finish as the silicon carbide grains produce less fibre rising and a finer scratch pattern than products using aluminium oxide grains. It has been designed for belt sanding machines or edge sanders. SD gives excellent results in the wood industry for the sanding of paints and solvent-based polyurethane varnishes, UV and, PVC paints.



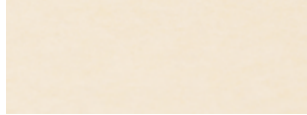
BACKING	D-WEIGHT PAPER	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	YES
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P180-P800
WIDTH	1420 mm	COLOR	GREY

**SE** smoother sanded surface and a better final finish as the silicon carbide grains produce less fibre rising and a finer scratch pattern than products using aluminium oxide grains. It has been designed for belt sanding machines or edge sanders. SE gives excellent results in the wood industry for the sanding of paints and solvent-based polyurethane varnishes, UV and, PVC paints. SE has a thicker backing than SD.



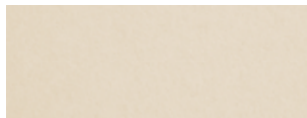
BACKING	E-WEIGHT	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	YES
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P180-P600
WIDTH	1420 mm	COLOR	GREY

**SES** has the same characteristics of SESN but it is able to give softer sanding and better performances in terms of lifetime thanks to the stearate coating. SES allows great results in the wood industry for sanding of polyester, acrylic and poli-acrylic solvent-based paints with wide and narrow belt sanding machines or edge sanders.



BACKING	E-WEIGHT	COATING	CLOSED
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P220-P1200
WIDTH	1420 mm	COLOR	CREAM

**SESN** is a multipurpose product that gives excellent results in the wood and leather industry. Overall, it is perfect in the wood industry for sanding of polyester, acrylic and polyacrylic solvent-based paints with wide and narrow belt sanding machines or edge sanders; and for obtaining suede finish in the leather industry.



BACKING	E-WEIGHT	COATING	CLOSED
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	RESIN OVER GLUE ANTISTATIC	GRIT	P220-P1200
WIDTH	1420 mm	COLOR	CREAM

**SESNY** characterized by E-Weight, aluminium oxide grains and double resin, is the ideal product for the sanding of the walls. SESNY ensures great performances in construction and DIY industry.



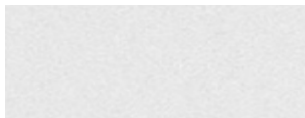
BACKING	E-WEIGHT	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P40-P220
WIDTH	1860 mm	COLOR	YELLOW

**SFSN** F-Weight paper, aluminium oxide grains and closed coating, is particularly indicated for the leather sanding.



BACKING	F-WEIGHT	COATING	CLOSED
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P120-P1200
WIDTH	1860 mm	COLOR	WHITE

**SW23** This product is a high-quality paper abrasive with aluminium oxide grains that can ensure perfect cutting, lasting, resistance and flexibility. Mainly used in the automotive and wood industries. The special stearate and the open coating prevent the clogging of the abrasive.



BACKING	C-WEIGHT	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN ANTISTATIC	GRIT	P80-P1000
WIDTH	1650 mm	COLOR	WHITE

**SUPERFLEX** is a flexible film backing abrasive with aluminium oxide grains used to create uniform base for new layers of primer, paint and clear coat. It's incredible cutting performance and speed make the product perfect for clear coat sanding and blending.



BACKING	FLEXIBLE FILM	COATING	OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	RESIN	GRIT	P1500,P2000, P2500,P3000
WIDTH	1150 mm	COLOR	ROSE, GREEN, TURQUOISE,GREY

**TLF** is characterized by great flexibility. It is the perfect product for sanding wood in general and sanding polyurethane and polyester paints on slight contours and shaped details on metal. TLF is also suitable as industrial abrasive cloth rolls for manual sanding of lathed and shaped details.



BACKING	F-WEIGHT COTTON CLOTH	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO (TLFS,YES)
BONDING	DOUBLE RESIN	GRIT	P40-P400
WIDTH	1420 mm	COLOR	BROWN

**TLFS** has all the great characteristics of TLF but the additional stearate coating allows longer lifetime of the abrasive grains and improved finishing quality. It is also suitable for non-ferrous metal sanding.



BACKING	F-WEIGHT COTTON CLOTH	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	YES
BONDING	DOUBLE RESIN	GRIT	P150-P400
WIDTH	1420 mm	COLOR	BROWN

**TLJ** is perfect for processes that require a product less flexible than TLF. TLJ has a J-Weight polycotton backing that fits perfectly the sanding of ferrous and non-ferrous metal. It is also suitable for rough, intermediate, and fine sanding of solid wood and veneered boards.



BACKING	J-WEIGHT POLYCOTTON	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P40-P400
WIDTH	1650 mm	COLOR	BROWN

**TLJC** is suitable for the wood and metal industry. Additionally, thanks to the Active Filler TLJC keeps low temperatures during the sanding process.



BACKING	J-WEIGHT POLYCOTTON	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	ACTIVE FILLER
BONDING	DOUBLE RESIN	GRIT	P40-P400
WIDTH	1650 mm	COLOR	PURPLE

**TLY** Y-Weight cloth polyester backing, silicon carbide grains and closed coating make TLY the ideal products for sanding of MDF, HDF, Chipboard in the wood industry and also for sanding of stainless steel coils and sheets, titanium and non-ferrous metal in the metal industry.



BACKING	Y-WEIGHT CLOTH POLYESTER	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P36-P220
WIDTH	1650 mm	COLOR	BLACK

**TLW** is composed by a X-Weight polycotton backing with double phenolic resin. Cost effective product perfect for calibration and sanding of solid wood, blockboard wood, hardwood and plywood with wide belt sanding machines. TLW is also suitable for sanding non-ferrous metal, stainless steel, titanium, aluminium, brass and alloys.



BACKING	X-WEIGHT POLYCOTTON	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P40-P220
WIDTH	1650 mm	COLOR	BROWN

**TLX-VR** is composed by a X-Weight polycotton backing with double phenolic resin. Its characteristics makes the product perfect for calibration and sanding of solid wood, blockboard wood, hardwood and plywood with wide belt sanding machines. TLX-VR is also suitable for sanding non ferrous metal, stainless steel, titanium, aluminium, brass and alloys.



BACKING	X-WEIGHT POLYCOTTON	COATING	SEMI-OPEN
GRAIN	ALUMINIUM OXIDE	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P40-P220
WIDTH	1650 mm	COLOR	BROWN

**TLX-VRC** is a product designed for the higher rate removal application combining the X-Weight polycotton backing and all the features of the ceramic grains.



BACKING	X-WEIGHT POLYCOTTON	COATING	SEMI-OPEN
GRAIN	CERAMIC	STEARATE	ACTIVE FILLER
BONDING	DOUBLE RESIN	GRIT	P40-P220
WIDTH	1650 mm	COLOR	PURPLE

**TYA** is composed by Y-Weight polyester cloth backing with double phenolic resin and ceramic + aluminium oxide blended. TYA is perfect in the metal industry for carbon steel, stainless steel, cobalt alloys and nickel alloys, aluminum and zinc castings, in particular for the production of metal tools. To be used both wet or dry



BACKING	Y-WEIGHT POLYESTER CLOTH	COATING	CLOSED
GRAIN	ALUMINIUM OXIDE	STEARATE	TOP SIZE
BONDING	DOUBLE RESIN	GRIT	P40-P180
WIDTH	1650 mm	COLOR	RED



**TYSC** is composed by a Y-Weight polyester cloth backing with double phenolic resin and ceramic + aluminium oxide blended. TYSC is suitable in the metal industry for grinding and deburring, on plan or with contact wheels.



BACKING	Y-WEIGHT POLYESTER CLOTH	COATING	SEMI-OPEN
GRAIN	CERAMIC + ALOX	STEARATE	TOP SIZE
BONDING	DOUBLE RESIN	GRIT	P36-P120
WIDTH	1650 mm	COLOR	BRIGHT RED

**TYZ** is characterized by Y-Weight cloth polyester, zirconium grains and closed coating. It is perfectly suitable for grinding and deburring on stainless steel, nickel and alloys with wide or narrow belt sanding machines. TYZ is also suitable to calibrate hardwood, in particular to produce parquets on wide belt sanding machines and on portable belts.



BACKING	Y-WEIGHT CLOTH POLYESTER	COATING	CLOSED
GRAIN	ZIRCONIUM	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P36-P120
WIDTH	1650 mm	COLOR	BLUE

**TYZC** has the same characteristics of TYZ but with an additional top size additive (Active Filler) that allows to achieve perfect results on heavy duty applications. The top size additive keeps low temperatures during all the working process.



BACKING	Y-WEIGHT CLOTH POLYESTER	COATING	CLOSED
GRAIN	ZIRCONIUM	STEARATE	NO
BONDING	DOUBLE RESIN	GRIT	P36-P120
WIDTH	1650 mm	COLOR	PURPLE

**TZ22** Structural foam disc has three-dimensional silicon carbide abrasive article on the surface, which can rapidly remove fine sand scratches on painted surface and show high efficiency especially for large area repair in automotive aftermarket division. The foam-backed disc provides a cushion during polishing and minimizes the debris built up at the interface.



BACKING	FOAM + VELOUR	COATING	CLOSED
GRAIN	SILICON CARBIDE	STEARATE	NO
BONDING	RESIN	GRIT	P3000/P5000
WIDTH	-	COLOR	BLUE/GREY





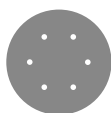
## 02 DISCS & DELTA FORMATS



## DISC 75 MM

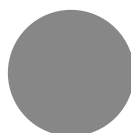


NO HOLES



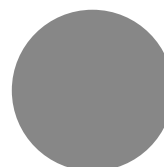
6 HOLES

## DISC 90 MM

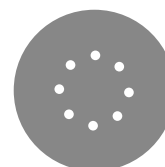


NO HOLES

## DISC 115 MM

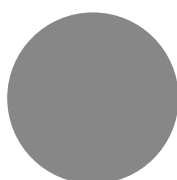


NO HOLES

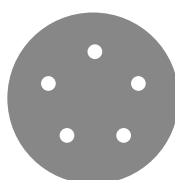


8 HOLES

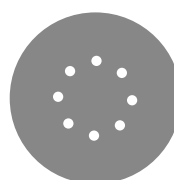
## DISC 125 MM



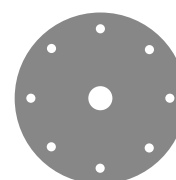
NO HOLES



5 HOLES

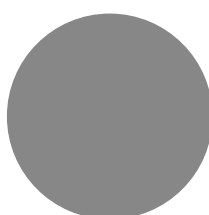


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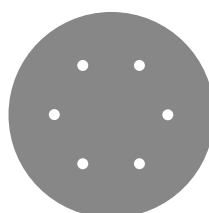


9 HOLES

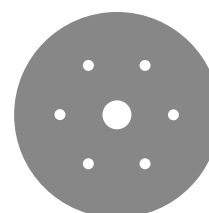
## DISC 150 MM



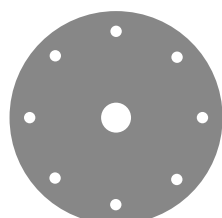
NO HOLES



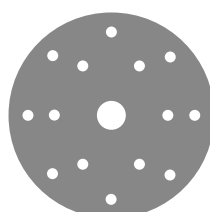
6 HOLES



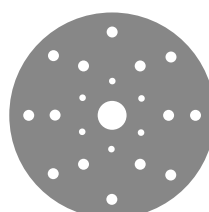
7 HOLES



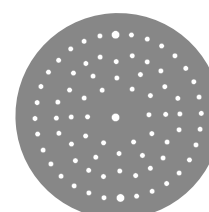
9 HOLES



15 HOLES

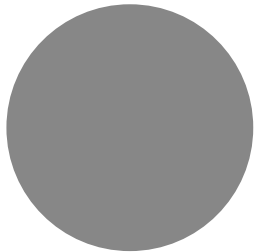


21 HOLES

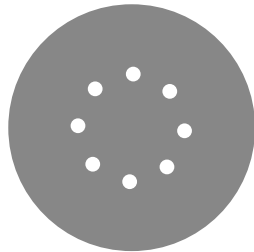


MULTI HOLES

### DISC 180 MM

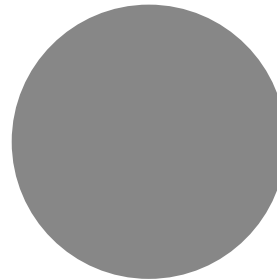


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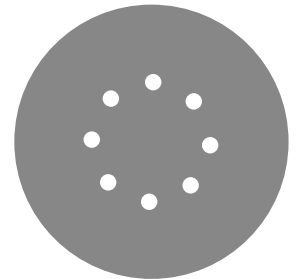


8 HOLES

### DISC 200 MM

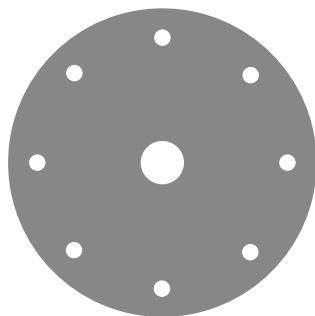


NO HOLES

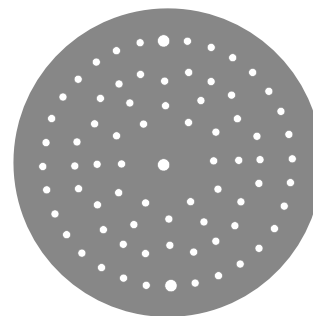


8 HOLES

### DISC 225 MM



9 HOLES

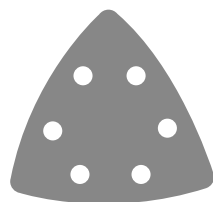


MULTI HOLES

### DELTA 90 MM

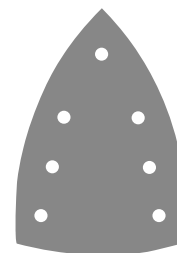


NO HOLES



6 HOLES

### DELTA 140 MM



7 HOLES







## 03 SHEETS FORMATS



## VELOUR SHEET 70X125 MM



8 HOLES

## VELOUR SHEET 70X198 MM



8 HOLES

## VELOUR SHEET 81X133 MM



NO HOLES



8 HOLES

## VELOUR SHEET 115X230 MM



10 HOLES

## PLAIN SHEET 115X280 MM



10 HOLES

## VELOUR SHEET 70X420 MM



14 HOLES

## VELOUR SHEET 70X420 MM



MULTIHOLES  
PRE-CUT

## PLAIN SHEET 230X280 MM



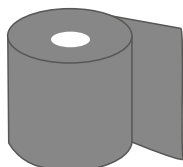
NO HOLES



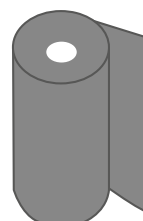
## 04 ROLLS FORMATS



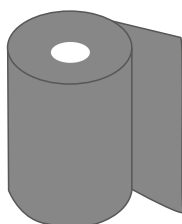
**MINI ROLL**  
**93 MM X 5 M**



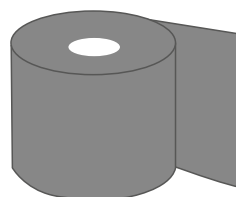
**MINI ROLL**  
**115 MM X 3 M**



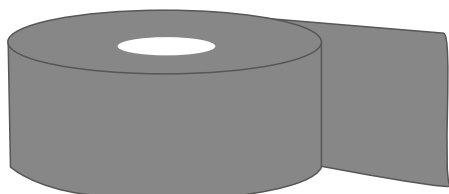
**MINI ROLL**  
**115 MM X 5 M**



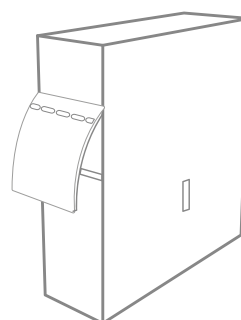
**ROLL**  
**115 MM X 25 M**



**ROLL**  
**115 MM X 50 M**



**SOFT ROLL PRE-CUTTED**  
**115 MM X 25 M**







**05 PADS**





## SANDING PAD

- Pad 1 side
- Aluminium oxide



GRIT	BACKING
MEDIUM	FOAM
FINE	FOAM
SUPERFINE	FOAM
ULTRAFINE	FOAM
MICROFINE	FOAM



## SANDING SPONGE

- Pad 2 side
- Aluminium oxide



GRIT	BACKING
FIN BROWN	FOAM
SUPERFINE GREEN	FOAM
MICROFINE PURPLE	FOAM



## SANDING BLOCK

- Pad 4 side
- Aluminium oxide

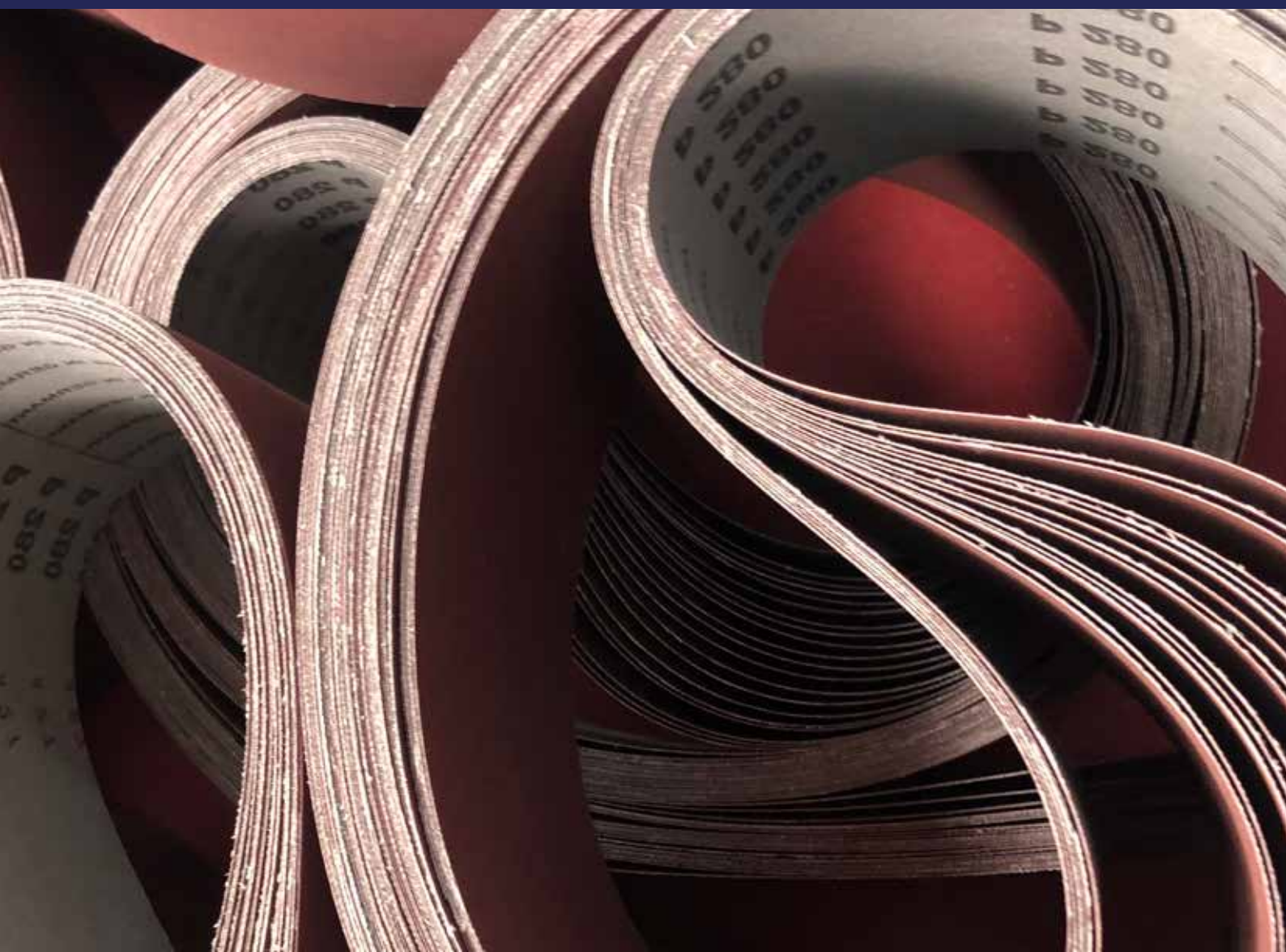


GRIT	BACKING
60	FOAM
80	FOAM
100	FOAM
120	FOAM
150	FOAM
180	FOAM





## 06 BELTS



## NARROW BELTS

All our cloth backing products, COMBI backing products and SCS, GA02, GA03, CREF\*, CRE, SE, SD, SES, SESN and NF1102 are available on the following dimensions\*:

60x2000	150x2250	150x2700	150x5400	150x7000	150x7800	200x1800
80x3000	150x2280	150x3000	150x5500	150x7100	150x8000	200x1850
120x2100	150x2400	150x4000	150x6450	150x7200	150x8500	200x2000
120x7800	150x2580	150x4800	150x6700	150x7350	150x9000	200x2300
150x2150	150x2600	150x4900	150x6800	150x7500	150x9500	200x2600
150x200	150x2620	150x5100	150x6680	150x7700	200x1600	200x3000

## WIDE BELTS

All our cloth backing products (exclude TLF, TLJ and TLJC), paper backing product (excluded SCS and RSAS) and COMBI backing products (excluded COMBI Paper) are available on the following dimensions\*:

640x1525	1100x1900	1120x1900	1300x1900	1350x2150	1380x3250
650x2620	1100x2100	1120x2000	1315x1900	1350x2620	1380x4600
930x1525	1100x2620	1120x2150	1350x2000	1350x3250	1650x2620
970x1525	1115x1900	1130x2620	1350x2100	1380x2620	1650x3250

## BELT JOINT TYPES

### J01

Overlap Joint



### J02

Overlap Joint  
with Top Skiving



### J03

Butt Joint



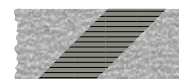
### J04

Butt Joint with  
Top Skiving



### J05

Tape on  
Top Joint



\*Other dimensions for portable, narrow and wide belts are possible on demand.



## 07 TOOLS & ACCESSORIES



**PAD**  
**ECO LINE QUALITY**  
15 holes



GRIT

SOFT

MEDIUM

HARD

**PAD**  
**TOP LINE QUALITY**  
multiholes



GRIT

SOFT

MEDIUM

HARD

**INTERFACE**  
10 mm / Ø 75 mm / no holes



GRIT

SOFT

MEDIUM

HARD



### INTERFACE

10 mm / Ø 75 mm / 6 holes



GRIT

SOFT

MEDIUM

HARD

### INTERFACE

10 mm / Ø 125 mm / 8 holes



GRIT

SOFT

MEDIUM

HARD

### INTERFACE

5 mm / Ø 150 mm / 15 holes



GRIT

SOFT

MEDIUM

HARD



## INTERFACE

10 mm / Ø 150 mm / 15 holes



GRIT

SOFT

MEDIUM

HARD

## INTERFACE

5 mm / Ø 150 mm / 75 holes



GRIT

SOFT

MEDIUM

HARD

## INTERFACE

10 mm / Ø 150 mm / 75 holes



GRIT

SOFT

MEDIUM

HARD

## RANDOM ORBITAL SANDER

Ø 150 mm

- Self-vacuum



GRIT

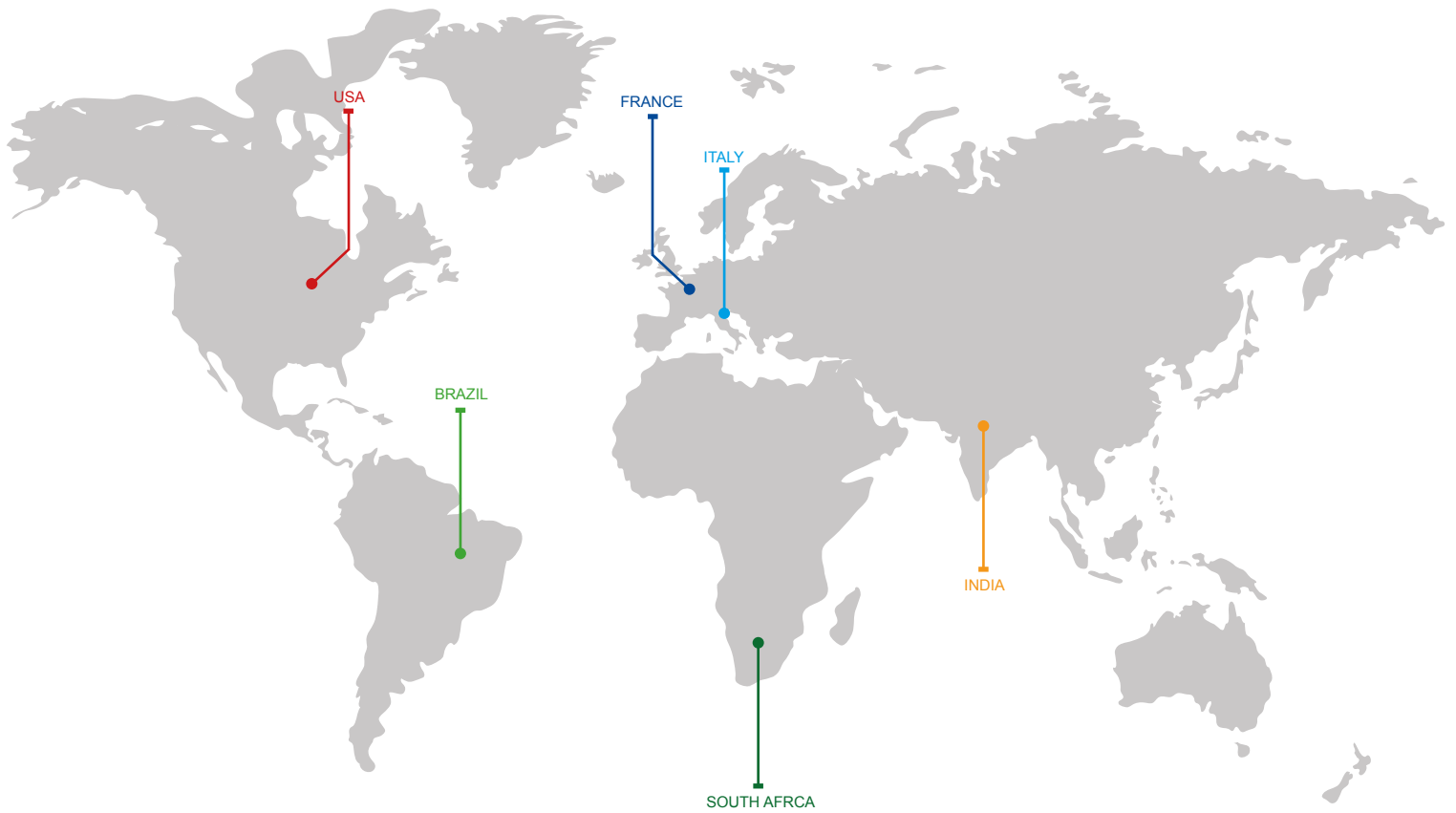
5MM



## NOTES



*we are here*



**ITALY**

Abraon Spa  
Lba Srl  
Keyon Srl

**BRAZIL**

Napoleon Abrasivos DBT

**UNITED STATES**

Flex-Trim USA

**FRANCE**

Finitech

**SOUTH AFRICA**

VR Abrasives

**INDIA**

Napoleon India Ltd

Knowledge, quality and innovation make Napoleon Abrasives  
a worldwide leading company to better play the present and future of the abrasive.



since 1952

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