



WYATT MACHINE TOOLS

High Quality Abrasive Solutions
Buy Direct from the Importer & Save

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388 Church St, Penrose, Auckland

Ph: 09 525 1000



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All Smirdex products are made in Europe and are subject to strict quality control measures, new products are tested then compared to the performance of competitive products. Smirdex are constantly investing in research and development. They are committed to finding sophisticated solutions and manufacturing new and innovative products to meet the evolving needs of modern professionals.

Grain Technologies

Coated abrasives main components are abrasive grains, backing materials and resins. Grains are the essential materials to specify the main properties of coated abrasives, stock removal and roughness. They are categorized in many different grit sizes, from very fine (P4000) to (P24). There are three types of abrasive grains mainly used:



Ceramic Grain (CER)

A tough and hard grain with excellent self-sharpening features. Ceramic is suitable on clear coats, primers, putties, hard composites, hard wood and metal surfaces.

- Fast cutting results, thanks to the sharpness of the grains.
- Self-sharpening edges with significantly longer lifespan.
- High removal rates and increased performance.



Aluminium Oxide (ALOX)

An industrially refined, naturally forming mineral is amongst the toughest materials in the abrasive product family. A universal grain suitable for putties, primers, metals, woods, plastics and lacquers.

- Universal grain for many different applications and surfaces.
- The perfect combination of toughness and hardness.
- An ideal abrasive for sanding and finishing.



Silicon Carbide (SIC)

A synthetic grain produced by mixing silica with coke (Carbon). A very hard and brittle grain that is heat sensitive, dulling quickly on most metals. It is used to sand wood, glass, minerals, ceramics, marble, stone, concrete, as well as polishing lacquer, plastics, brass, bronze, aluminium and steel.

- Excellent finishing results
- Excellent performance and high cutting rates especially under light pressure

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Backing Technologies

Backing types are the base on which abrasive grains are adhered. They support the whole structure of the material and add their own properties in the abrasive process. The backings used in the manufacturing of coated abrasives are:

Paper

The different weight of the paper, as well as the latex content, determines the flexibility and waterproof properties of the coated abrasives. The light weight papers are more flexible, while the heavy weight papers are stronger and tear resistant. The addition of 30% latex in the paper, makes the coated abrasive waterproof and suitable for wet sanding applications.

Net

The Net Mesh consists of Polyamide and Polyester yarns, creating a special net structured backing. Due to the unique pattern of the combs and mesh combination, this backing is ideal for manufacturing non-clogging coated abrasives with outstanding dust-extraction properties.

Cloth

Cloth backing is made of Cotton fibres, or a mixture of Cotton and Polyester fibres, or polyester fibres only. Cloths are tear-resistant and very flexible.

Foam

Foam backing is a polyether-based material, adhered to the paper or the cloth abrasives, in order to make them suitable for sanding profiled surfaces. Due to the unique absorbency properties of the foam, the finishing result is guaranteed and the final surface is free of deep scratches and irregularities.

Film

Extremely thin layer of a polyester special treated backing, very flexible and tear-resistant mainly used for finishing and sanding applications.

Fibre

Fibre backing is made of vulcanised cotton fibres, creating a very hard and robust backing, with great mechanical strength and heat resistance. It is suitable for coated abrasives in heavy-duty applications.

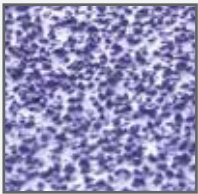
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740

Ceramic Velcro Line



- Fast cutting results, thanks to the sharpness of the grains.
- Self-sharpening edges with significantly longer lifespan.
- High removal rates and increased performance.

Ceramic grain



Higher Efficiency & Better Performance

The 740 Ceramic Line offers fast cutting products with improved performance that last significantly longer than the conventional abrasives, since a water-based stearate coating provides maximum load resistance extending the life of the product.

The 740 Ceramic products are perfect for sanding any type of material, such as scratch resistant varnishes and e-coats, primers and composites, eliminating the need for specialty products.

The hole pattern contributes to a dust-free environment, protecting the worker from the dangerous sanding dust particles.

Technical Specifications

Applications	Automotive, Composites, Marine
Backing	D-wt, C-wt semi latex paper
Bonding	Resin over resin
Coating	Open, Special stearate coating against clogging & loading
Grain	Ceramic



75mm No Holes.
SMIC75



150mm 8+6+1 Holes.
SMIC150150



70 x 198mm 8 Holes.
SMIC198



81 x 153mm 8 Holes.
SMIC81



70 x 420mm 14 Holes.
SMIC70



115mm x 25m Roll.
SMICR115

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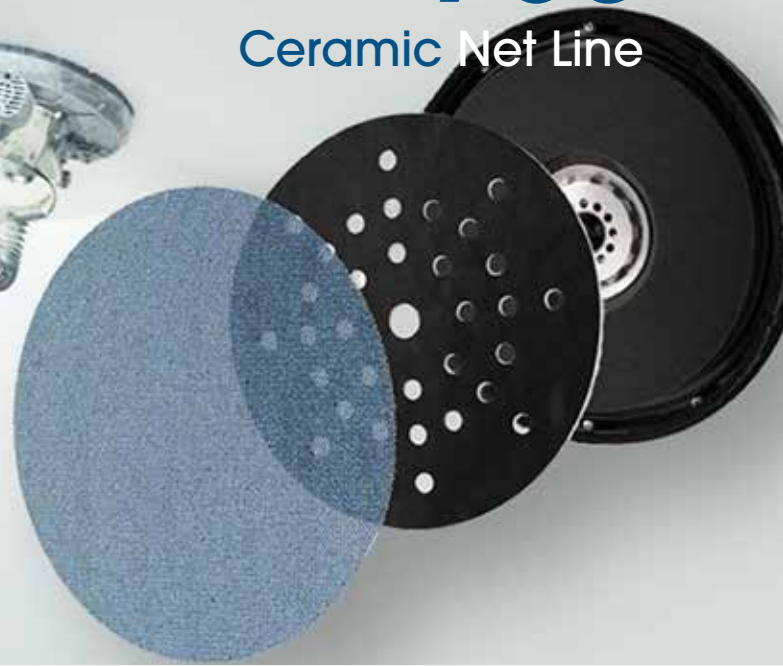


WYATT MACHINE TOOLS



750

Ceramic Net Line



- Fast cutting results, thanks to the sharpness of the grains.
- Self-sharpening edges with significantly longer lifespan.
- High removal rates and increased performance.

Ceramic grain



Dust-free Sanding

The 750 Ceramic Net structure clogging is minimised compared to conventional paper discs, offering higher productivity and profitability, prolonging the products lifespan.

The ceramic grains make it ideal for tougher and more demanding applications, such as on hard wood and other solid surface materials. It also offers an excellent performance and lifespan on primer sanding.

For best results combine it with Soft Interface Pad 97 Holes.



The net fabric structure permits maximum absorption of sanded particles, providing a healthier, dust-free sanding environment, protecting the worker from the dangerous sanding dust.

Technical Specifications

Applications	Automotive, Wood
Backing	PA Net
Bonding	Resin over resin
Coating	Closed
Grain	Ceramic



150mm
SMINET150

225mm
SMINET225



70 x 198mm
SMINETS198



81 x 153mm
SMINETS81



70mm x 25m Roll.
SMINETR70

115mm x 25m Roll.
SMINETR115



115 x 230mm
SMINETS115



70 x 420mm
SMINETS70

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820

Premium Yellow Velcro Line

Technical Specifications

Applications	Automotive, Composites, Wood, Marine
Backing	D-wt, C-wt semi latex paper
Bonding	Resin over resin
Coating	Open, Special stearate coating against clogging & loading
Grain	Blue fired aluminium oxide (ALOX)



- Universal grain for many different applications and surfaces.
- The perfect combination of toughness and hardness.
- An ideal abrasive for sanding and finishing.

Aluminium Oxide



Top Quality Abrasives for a Variety of Applications

The 820 series consists of supreme performance abrasive papers. Focusing on car body repair and marine industries, they are suitable for sanding primers, putties and varnishes. Also ideal for furniture industry, sanding efficiently all kinds of wood. The open coat structure and the stearate top coat enhance their durability, preventing clogging and loading. The special treated Aluminium Oxide grains provide fast cutting results with very high removal rates.



125mm 8 Holes.
SMIVD125



150mm 6+1 Holes.
SMIVD150



150mm 8+6+1 Holes.
SMIVD15015



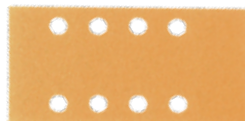
200mm 8 Holes.
SMIVD200



Delta 7 Holes.
SMIPDELTA



81 x 133mm 8 Holes.
SMIVSP133



81 x 153mm 8 Holes.
SMIVSP81



115 x 228mm 10 Holes.
SMIVSP115



70 x 198mm 8 Holes.
SMIVSP198

70 x 420mm 14 Holes.
SMIVSP70

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WYATT MACHINE TOOLS

Velcro Abrasive Rolls



Ceramic 740 Velcro Roll
115mm x 25m
SMICR115



Ceramic 750 Net Roll
70mm x 25m
SMINETR70

115mm x 25m
SMINETR115



White Dry Sanding 510 Velcro Roll
116mm x 25m
SMIVR116

Dry Sanding Paper Abrasives



820 Premium Dry Sanding Paper Rolls
116mm x 25m
SMIRP116250

116mm x 50m
SMIRP11650



White Dry Sanding 510 Paper Roll
116mm x 50m
SMIR11650



820 Premium Drilube Sheets
230 x 280mm
SMIDSP

71mm x 50m
SMIRP71

830 Film Velcro Discs

Characterised by their outstanding durability, 830 film discs are ideal for dry sanding and matting of primers and varnishes in the car body repair and marine industries.



150mm 15 Holes.
SMIFD

Aluminium Oxide



Technical Specifications

Applications	Dry wall sanding, Automotive, Composites, Marine
Backing	Polyester film
Bonding	Resin over resin
Coating	Open, Special stearate coating
Grain	Aluminium Oxide (ALOX)

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270

Wet and Dry



- Silicon carbide grains provide excellent finishing results
- Suitable for precision micro-finishing on lights, jewellery and several types of glass
- Wet sanding approved due to high latex content of the special paper backing

Silicon Carbide



Excellent Finishing

The 270 waterproof series consists of high-quality waterproof sanding abrasive papers and velcro discs. This wet and dry paper is recommended for manual wet sanding of lacquers, plastics and composite materials. It is especially designed for the automotive refinish market, delivering excellent results sanding lacquered surfaces, between coats.

The silicon carbide grains provide excellent finishing results. Its flexible backing paper - with 30% latex - enhances its waterproof properties and permits sanding difficult shapes, and allows for easy folding and tearing. It can resist loading and curling and it can offer a uniform finish.

It is highly recommended for removing the orange peel defects and for spot mark repair. It is also ideal for cleaning and restoring hazy car headlights.



Technical Specifications

Applications	Wet & Dry sanding, finishing, Automotive, Marble
Backing	B-wt, C-wt waterproof latex paper
Bonding	Resin over resin
Coating	Close
Grain	Silicon carbide (SIC)



230 x 280mm Paper Sheets
SMIWA

75mm Velcro Discs No Holes.
SMIWAVD

125mm Velcro Discs No Holes.
SMIWP

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WYATT MACHINE TOOLS

922

Mat Foam Discs Wet / Dry

Technical Specifications

Applications	Matting, Finishing
Backing	Knitted fabric on foam
Bonding	Synthetic resins
Coating	Special process
Grain	Silicon Carbide (SiC)



- Wet or Dry
- Adaptable to curves and contours.
- Uniform excellence in matting

Silicon Carbide



Wet or Dry

Velcro backed. Suitable for wet finishing of car body, e-coat and varnished surfaces. The durability and uniform excellence in matting make the 922 Mat Foam Disc the best choice in repairing painted and varnished surfaces. Adaptable to curves and contours, pressure is evenly distributed through the foam backing. No risk of sanding through. For fine sanding of primers, fillers, paint and lacquers. Produces a matt finish.



80mm No Holes.
SMIMAT80



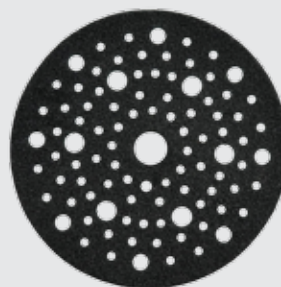
150mm No Holes.
SMIMAT150



Self Adhesive Conversion Disc

Converts self adhesive type sanders to velcro gripping.

150mm 6 holes
SMISA150



Soft Interface Pad

Place between backing pad and abrasive disc. Increases lifespan of backing pad, and helps provide maximum dust extraction. Ideal for use with 750 Net Discs.

150mm 10mm 97 holes
SMISIP97

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135sp

Abrasoft Sponge Rolls

Technical Specifications

Applications	Automotive, wood
Backing	A-wt flexible latex paper on 4mm foam
Bonding	Resin over resin
Coating	Open special stearate coating against clogging and loading
Grain	Special aluminium oxide



- Wet sanding
- Adaptable to curves and contours.
- Foam backing for maximum flexibility

Aluminium oxide



Ideal For Hand Sanding Corners and Difficult Shapes

The 135sp Abrasoft series is suitable for automotive, wood and veneer finishing. The Aluminium Oxide grains provide fast sanding results, while the open coat structure and the stearate top coat enhance durability and prevent clogging and loading.

The foam backing is suitable for hand sanding of corners, angles of plastic car body parts and all difficult shapes of furniture. The foam allows pressure to be applied evenly, thus reducing the risk of sanding through the surface.



25m Rolls
Pre-cut sheets. 115mm x 125mm
[SMIAR115](#)

Thanks to the foam backing and flexible latex paper the 135sp Abrasoft Sponge rolls are ideal for hand sanding curves and contours.



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Use on a wet working surface with excellent results.



WYATT MACHINE TOOLS

925 Non Woven Abrasive Scotch Roll

A three-dimensional nylon fibre sanding product that provides an excellent surface finish. It is ideal for dry sanding of primers, removal of rust spots, cleaning dirty surfaces. Suitable for wet sanding.

Technical Specifications

Applications	Automotive, Composites, Wood, Construction, Metal, Marine
Backing	Non-woven
Bonding	Resin over resin
Coating	Three dimensional
Grain	Aluminium oxide (ALOX) & Silicon carbide (SIC)



Very Fine. Red. P320.
SMISRAVF320

Ultra Fine. Grey. P600.
SMISRSUF600

Micro Fine. Gold. P1000.
SMISMF1000

921 Masking Foam

The time-consuming vehicle masking, prior to painting, can be easily done using this extremely adaptable 921 Masking Foam. Ideal for sealing jambs, side-posts and apertures, protecting them from dust or accidental over-painting & over-spraying.



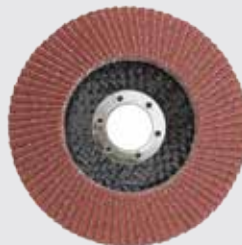
13mm x 50m.
SMIFE



115mm Ceramic Fibre Discs
SMICFD115 Pack/25



115mm Zirconia Flap Disc
SMIF115 Per Unit



115mm Ceramic Flap Disc
SMICF115 Per Unit



Cutting Wheels
Per unit.
Inox 115 x 1.0 x 22mm
SMICWINOX115



Metal Grinding Wheel
Per unit.
115 x 6.4 x 22mm
SMIGW115 Per Unit

Metal 115 x 2.5 x 22mm
SMICW115

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