

sia Nonwoven Abrasives



blue line

siavlies



siavlies (series 6120) and siavlies lite (series 6110)

nonwoven abrasive products incorporate high quality fibres with flexible resin technology. Combined with a high mineral grain content, the siavlies range has the flexibility and conformability to produce a consistent finish on any work piece. Suitable for hand and low speed/low pressure applications, the siavlies range offers quality micro scratch finishes on metal, plastic, coatings and composites, with a consistent, controlled cutting action.

Best Sellers:

Handpads, Slit Reels, Discs (plain, with holes, siafast backed)

Converted Forms: Lap Mops, Flap Brushes, Plain and Interleaved Spindle Mounted Flap Wheels

Sectors: ART, Metal, Wood, Composites Group

Application guidelines:

Light deburring, light cleaning, hand blending of grained finishes and for keying prior to paint/lacquer/primer finishes.



siavlies Heavy Duty (series 6130)

siavlies HD is the best choice for semi/fully automatic finishing operations, providing a rapid cut and consistent wear, and is the most aggressive of all the siavlies range. The siavlies HD range is produced with high performance nylon fibre and impregnated with flexible resins which, with the high mineral grain content, gives a strong and aggressive product with exceptional performance when compared with cheaper alternatives.

Best Sellers: Lap Mops, Flap Brushes

Converted Forms: Handpads, Slit Reels, Discs (plain and with holes for ganging as mops, etc.)

Sectors: Metal

Application Guidelines:

Deburring and finishing operations which require rapid cut and consistent wear. Finishing intricate pieces, fittings and ornaments. Large scale finishing such as continuous steel strip mills.

siavlies Super Duty (series 6140)

siavlies SD materials are ideal for hard metal applications as they are the most durable but give a finer finish than Heavy Duty. siavlies SD products retain the generic benefits of nonwoven abrasive materials, including conformability, cool running and resistance to loading. siavlies SD is suitable for mechanical operations on sharp or uneven surfaces, making it ideal for a wide range of industrial applications.

Best Sellers: Discs, Flap Brushes

Converted Forms:

Slit Reels, Discs (plain and with holes)

Sector: Metal, ART

Application Guidelines:

Hard metal applications such as titanium and inconel. Deburring, coating/rust/oxide removal, weld cleaning and finishing.



sia SCM

(surface conditioning materials)

The **sia SCM (series 6250, 6220, 6210)** product range offers a combination of rapid finishing action and high durability to achieve industry leading performance. Available in 3 series and covering six grit grades, ranging from Extra Coarse to Super Fine, the sia SCM products cut to the required finish in the minimum number of surface treatments. The converted sia SCM product range includes belts and discs which can be used as appropriate, saving time, cutting costs and adding value. sia SCM products refine grind-lines in fewer steps and consistently produce the required surface finish rapidly. Used together with sia Abrasives coated products, sia SCM products provide system solutions to a perfect surface in the least number of processes.



Converted Forms:

Belts, Discs (plain or centre holes, scrim backed or laminated fibre backed)

Sector: Metal

Application Guidelines:

Deburring, cleaning welds, blending grind lines and preparation for other finishes.



siastrip



siastrip (series 6300) products offer a unique combination of effective stripping / cleaning performance coupled with long life and superior finish. siastrip provides many benefits over other abrasive competitors, due to its tough, flexible, yet conformable, components.

- Excellent for removing coatings without excessive stock removal in one easy step.
- Cool running
- Leaves a professional finish

Best Sellers: Discs with a hole for mandrel fixing, Glass Fibre Backed Discs, Spindle Mounted Discs

Sectors: ART, Metal

Application guidelines:

- siastrip for all stripping applications such as;
- General fabrication for removal of rust
 - Paint, oxide and scale removal
 - Gasket removal



- On stone, marble and concrete for the removal of lichen, moss and graffiti
 - Paint, oxide and scale removal
- siastrip plus** for cleaning stainless steel TIG welds such as in stainless steel fabrication.

siawool



siawool (series 6000) offers terrific advantages over traditional abrasive alternatives for anyone involved in hand finishing. Highly conformable, it can be used in the smallest swab and shaped for difficult to reach holes and corners, or in handfuls to achieve excellent hand finished surfaces. Its blend of abrasive grits, bonded to strong, soft fibres is easy on your hands, long lasting in use and will not rust in storage. It is kinder to use by hand, light to handle and can be used dry or with any type of solvent or liquid finish. More importantly it does not rust, and its low flammability broadens the spectrum of applications in which it can be safely used*. Above all it gives a great finish from three grades, Coarse, Medium and Fine, quickly and effectively.

* sia abrasive wool is difficult to ignite from these sources, but it is flammable. Normal fire safety precautions should be observed.

Converted Forms: 2 l, 4.3 l, 20 l packaging

Sectors: ART, Metal, Wood

Application guidelines:

As siawool is so conformable, it can be used for a variety of applications, a few examples of which are:

Applying waxes, oils, stains and patina for wood. Dry rust removal, component cleaning and keying prior to painting in ART. Cleaning and keying prior to other finishes in general maintenance applications.



siabuff (series 6600) is an innovative patented material made from natural wool fibres and is specially formulated for the surface preparation market. Due to the flexible nature of the product, siabuff performs brilliantly when used with the appropriate buffing/polishing compounds to give the surface a uniform finish/polish as an end result.

Converted Forms: Discs, Belts

Sectors: Wood, Metal, Composites Group

Application guidelines: For use on Glass fibre (GRP) and Perspex particularly in the marine and aircraft industry. Aluminium, copper, brass and wood.



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