

NEWS!



sia Abrasives (GB) Ltd. offers a fantastic and extensive nonwoven range of products!

As the undisputed service leader within the UK abrasives industry, we would like to inform you of the vast range of nonwoven abrasives we have in stock and available for our customers...

What is nonwoven?

Nonwoven abrasives are amongst the most versatile abrasive solutions in the sia product family. They are primarily used in the metalworking industry for a multitude of surface conditioning, deburring and finishing applications.

Nonwoven abrasives have a three-dimensional, open structure, which is achieved by combing and needling nylon fibres to form a web. Abrasive grains — primarily aluminium oxide or silicon carbide — and resin are bonded throughout the web and the material then passes through a drying and curing stage. This process can be varied to produce a wide variety of base materials ready for conversion into different forms – from hand pads to belts and wheels!

Look out for our NEW Nonwoven Abrasives Fast Response Price List coming soon!

A huge range!

siafleece:

Nonwoven abrasive products incorporate high quality fibres with flexible resin technology. Combined with a high mineral grain content, the siafleece range has the flexibility and conformability to produce a consistent finish on any work piece.

Suitable for hand and low speed/low pressure applications, siafleece offers quality micro scratch finishes especially on metal, but also on plastic coatings and composites, with a consistent, controlled cutting action.

siastrip:

siastrip is ideal for many paint-stripping applications. siastrip has a particularly open structure, which means it highly resists clogging.

We offer two types of siastrip:

6300 siastrip black – recommended for use in Automotive for paint stripping

6300 siastrip plus red – recommended for use on Inox for removing colour.

siatech wheels:

The siatech series offers an extensive range of technical wheels, designed for use on a wide variety of machines.

There are two types of technical wheel; convolute wheels and unitised wheels, each of which offers different surface solutions for key application areas (deburring, blending and finishing). Please refer to the manufacturing section of our website for further information on the differences in the production process.

We recommend our range of convolute wheels for use on stationary machinery as they are typically produced in discs ranging from 150mm diameter:

6520 siatech CXL
6530 siatech CBP
6540 siatech CMM

siatech unitised wheels are generally produced with a diameter of 150mm or less and are consequently available as standard discs, T27 and siafix. We recommend siatech unitized wheels for hard to reach and intricate areas, where precision is needed:

6420 siatech UXL
6430 siatech BP

surface conditioning material (SCM):

sia surface conditioning materials (SCM) are designed to be used on machines, converted as either discs or belts. Advanced manufacturing techniques result in a highly flexible material, which offers rapid finishing with low stock removal. This means that sia surface conditioning materials can be used for a wide range of applications.

For professional surface conditioning, we recommend the following series:

6230 hyperflex
6250 sia scm
6260 ultradisc

sia surface conditioning materials offer great combined solutions, when used in sequence after our range of coated abrasives. Surface conditioning materials can remove steps from the finishing process, or can be used individually for surface preparation or for final finishing.

Please contact our Sales Office or your local sia Abrasives Sales Manager for further details or to place an order.

Unbeatable levels of service & support coupled with guaranteed price stability makes sia Abrasives the automatic choice for both your coated & non-woven abrasive requirements.

The sia Group, now belonging to the Bosch Group of Companies and headquartered in Frauenfeld, Switzerland, ranks among the world's top three suppliers of coated abrasives. sia Abrasives develops, manufactures and markets complete abrasive systems tailored to specific requirements and applications for surface preparation and finishing of all kinds. sia Abrasives employs approximately 1,250 people worldwide and is represented with partners in over 80 countries.