










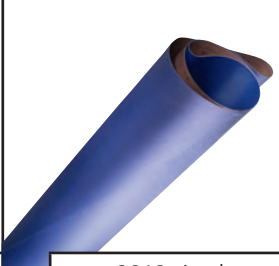
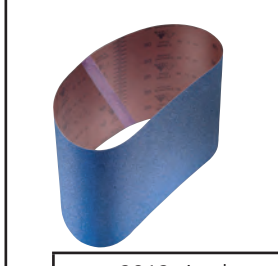



# sia Abrasives

Wood Abrasives Solution Guide



# Belts

Wide Belts - Paper	Wide Belts - Cloth	Edge / Narrow Belts	Portable Belts	Profile Belts Pump Sleeves
 1909 siawood TopTec	 2920 siawood TopTec	 2920 siawood TopTec	 2920 siawood TopTec	 2933 siatur TopTec
*  1919 siawood TopTec	 2928 siaral	 2812 siaral	 2928 siaral	 2936 siatur
 1920 siawood TopTec	 2812 siaral		 2812 siaral	 2951 siatur

\* Available in single joints up to 65" trimmed, 67" untrimmed.



## The TopTec Advantage

With TopTec, outstanding sanding results and superior surface quality come from the combination of three factors:

Controlled Grit Distribution

The most advanced abrasive maker on earth adheres to precise laser-measured tolerances to provide optimum grit volume, adhesion, and distribution




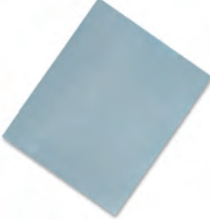










Optimal Belt Joints

Over 130 years of Swiss engineering and experience goes into ensuring consistent, stable, and durable belt joints, that are tested and market-proven for specific applications

Antistatic Treatment

TopTec belts undergo a proprietary treatment to reduce static charge, neutralize dust buildup, and increase dust removal, for cleaner workpieces, improved surface quality, and a healthier work environment



# Discs, Sheets, Rolls

Disc Rolls	PSA Tab Discs	Hook N' Loop Discs	Sheets	Rolls
 1948 siaflex siastik	 1948 siaflex siastik	 1948 siaflex siafast	 1948 siaflex	 1948 siaflex siasoft
 1950 siaspeed siastik	*  1950 siaspeed siastik	*  1950 siaspeed siafast	 1960 siaresx	 1950 siaspeed siafast
	 2951 siatur siastik	*  1960 siaresx siafast	 2951 siatur siafast	 1950 siaspeed siastik

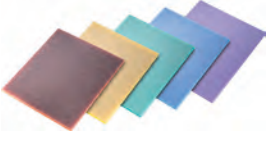
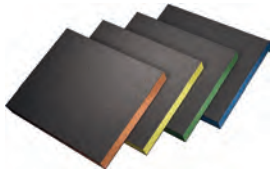

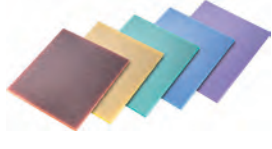



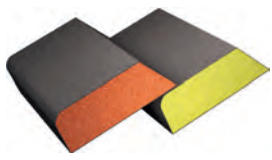
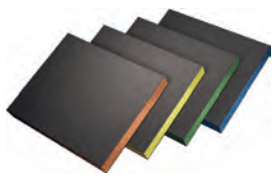

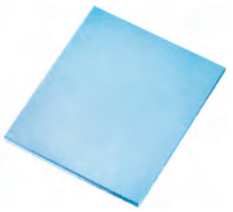
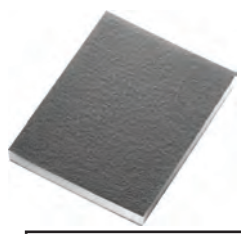
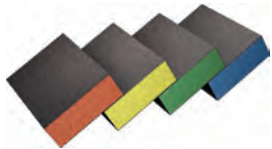

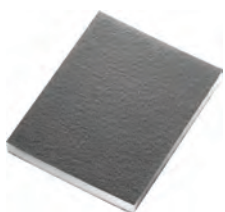


Back up pads available in a variety of diameters and attachment systems. Call for availability.

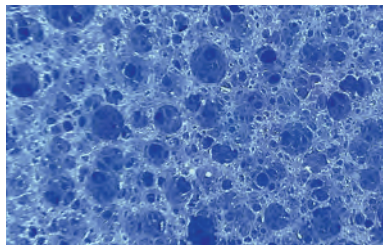
\* Indicates available in hole patterns.

# Brushes

ProFlex	
<p>sia Abrasives offers ProFlex abrasive brushes for flexible machine sanding of profiles and edge sanding.</p> <p>The ProFlex sanding system provides detachable sanding brushes made of tampico fiber mounted in a grooved POM (polyoxymethylene) core. The POM core is chemical resistant, and can be used in various coating machines.</p> <p>The tampico fibers are available with our without abrasives, depending upon the application and desired finish. The system is also available with nylon brushes to provide a distressed look, or horse hair for surface polishing.</p> <p>ProFlex is engineered for versatility - the brushes may be used in competitive cores, and the POM core readily accept other manufacturers' brushes. This versatility ensures that ProFlex can provide a perfect solution for your individual needs.</p>	 

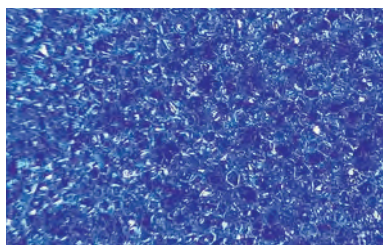
# Foam

Flat Pads (1-sided)	Standard Pads (2-sided)	Blocks (4-sided)	Hook N' Loop Pads	Hook N' Loop Discs
 7970 siasponge (PUR)	 7983 siasponge flex	 7990 siasponge (hard)	*  7970 siasponge (PUR)	 7970 siasponge (PUR)
 7972 siasponge (EVA)	 siafoam White AO	 7990 siasponge combi	*  7983 siasponge flex	 7983 siasponge flex
 siafoam Ultra	 siafoam Black AO	 7991 siasponge (soft)	* 7970 siasponge (PUR) – 3" x 4 1/2" x 3/16" * 7983 siasponge flex – 3" x 4 1/2" x 1/2"	
 siafoam Nitro	 siafoam SiC	 siafoam Hard & Soft		
 siafoam Alpha				



### PUR Foam (Open-cell) Characteristics

- Polyurethane
- Open-cell structure
- Harder; pressure is distributed more evenly
- More slip-resistant for wet sanding
- More heat resistant



### EVA Foam (Closed-cell) Characteristics

- Ethyl Vinyl Acetate
- Closed-cell structure
- Softer; pressure is more localized
- More tear-resistant for dry sanding
- Fatigues in heat exceeding 248° F

		Calibrating						Inter- mediate			Finishing												
Series		16	24	36	40	50	60	80	100	120	150	180	220	240	280	320	400	500	600	800	1000	1200	1500
1909 siawood TopTec	AO								E	E	E	E											
1919 siawood TopTec	AO			F		F	F	F	F	F	F	F											
1920 siawood TopTec	AO									F	F	F											
1719 sialac	SiC								E	E	E	E	E	E	E	E	E	E	E				
1729 sialac TopTec	SiC											E	E		E	E	E						
1749 siaral TopTec	SiC						F	F	F	F	F	F	F	F	F	F							
2920 siawood TopTec	AO	Yc	Yc	Yc	Yc	Xc	Xc	Xc	Xc	Xc	Xc	Xc											
2928 siaral	AO		Xc	Xc	Xc	Xc	Xc	Xc	Xc														
2933 siatur TopTec	AO						Jc	Jc	Jc	Jc	Jc	Jc											
2936 siatur	AO					Jc	Jc	Jc	Jc	Jc	Jc	Jc			Jc								
2951 siatur	AO					Hc	Hc	Hc	Hc	Hc	Hc												
2812 siaral	ZIR		Yc	Yc		Yc	Yc	Yc	Xc														

1948 siaflex	AO				LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX	LX
1950 siaspeed	AO		D	D	D	D	C	C	C	C	C	C	B	B	B	B	B	B	FM	FM	FM	FM	
1960 siarexx	AO		C		C	C	C	C	C	C	C	C			B	B							
2951 siatur	AO					Hc	Hc	Hc	Hc	Hc	Hc												

7970 siasponge (PUR)	AO																						
7972 siasponge (EVA)	AO																						
7983 siasponge flex	AO																						
7990 siasponge (hard)	AO																						
7991 siasponge (soft)	AO																						
siafoam flat pad	AO														medium	fine	xfn	sfn	ufn	mfn			
siafoam standard pad	mix						coarse	medium	fine	vfn	sfn												
siafoam block	AO						coarse	medium	fine	vfn	sfn												

Table only shows product range available in US; lead times may vary according to conversion form - contact your sales manager for availability.

Coating Legend	
Open Coat	
Closed Coat	
Stearate	

Coated Backing Legend			
E e-wt paper	Xm x-wt polycotton	Xc x-wt cotton	Jc j-wt cotton
F f-wt paper	Ym y-wt polycotton	Yc y-wt cotton	Jjc jj-wt cotton
LX latex paper	FM Film		Hc h-wt cotton

Foam Grade Legend	
vfn very fine	ufn ultra fine
xfn extra fine	mfn micro fine
sfn super fine	

Series	Material							Advantages
	Hard Wood	Resinous Wood	Soft Wood	Veneer	MDF / PB	Lacquer & Sealer	Solid Surface	
1909 siawood	▼	▼	▼					<ul style="list-style-type: none"> <li>The cost-effective solution for all types of wood</li> </ul>
1919 siawood	▼	▼	▼	▼				<ul style="list-style-type: none"> <li>Our flagship product and benchmark for all wood sanding</li> <li>Outstanding combination of cut, life, and finish</li> </ul>
1920 siawood	▼			▼				<ul style="list-style-type: none"> <li>The specialist for perfect hardwood finishes</li> <li>Fine surface quality on hardwood</li> </ul>
1719 sialac						▼		<ul style="list-style-type: none"> <li>Stearate prevents clogging for wood containing oil and resin</li> <li>Excellent finish on soft woods</li> </ul>
1729 sialac						▼		<ul style="list-style-type: none"> <li>Long life in industrial lacquer sanding applications</li> <li>Stearate coating provides less loading and superior surface quality</li> </ul>
1749 siaral	▼		▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>The #1 belt for sanding MDF, HDF, and chipboard</li> <li>High quality finish on solid wood and veneer</li> </ul>
2920 siawood	▼	▼	▼	▼				<ul style="list-style-type: none"> <li>Optimal performance on hardwood and softwood</li> <li>Combination of open and closed grits for removal and finishing</li> </ul>
2928 siaral	▼		▼					<ul style="list-style-type: none"> <li>More aggressive with longer life than 2920</li> <li>Performs like a semi-open coated product with reduced loading</li> </ul>
2933 siatur	▼	▼	▼	▼				<ul style="list-style-type: none"> <li>For contoured edges with radii from 10mm</li> <li>High dimensional accuracy and adaptability</li> </ul>
2936 siatur	▼		▼	▼				<ul style="list-style-type: none"> <li>Designed for profile sanding of radii 5-10mm</li> <li>Precision results during shaping, intermediate, &amp; final sanding</li> </ul>
2951 siatur	▼		▼	▼				<ul style="list-style-type: none"> <li>Excels in manual and profile sanding with radii 2-5mm</li> <li>High adaptability and dimensional accuracy</li> </ul>
2812 siaral	▼		▼		▼			<ul style="list-style-type: none"> <li>Ideal for edge sanding, solid wood, and hardwood flooring</li> <li>Long life due to very robust backing &amp; proprietary mixed grain</li> </ul>

1948 siaflex	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Flexible, latex backing allows for better edge-wear</li> <li>Blue-fired AO &amp; white AO grain mix for exceptional performance</li> </ul>
1950 siaspeed	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Our premier paper disc - superior balance between cut and finish</li> <li>Proprietary grain mix allows for exceptional removal rates</li> </ul>
1960 siarexx	▼	▼	▼	▼	▼			<ul style="list-style-type: none"> <li>Universal all-around product for wood and lacquer</li> <li>Brown A/O grain provides phenomenal finish on wood</li> </ul>
2951 siatur	▼		▼	▼	▼			<ul style="list-style-type: none"> <li>Flexible h-wt colth backing provides added edge durability and adaptability for sanding contours</li> </ul>

7970 (PUR)*	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Color-coded, more heat-resistant, use for deep grooves</li> </ul>
7972 (EVA)*	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Color-coded, more tear-resistant, use for deep grooves</li> </ul>
7983 flex*	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Color-coded, use for profiled and rounded workpieces</li> </ul>
7990 (hard)*	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Color-coded, includes combi blocks, focus is on flat stock removal</li> </ul>
7991 (soft)*	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Color-coded, less aggressive, focus is on flat stock finishing</li> </ul>
siafoam 1-side	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Ideal for sanding in deep grooves or depressed areas</li> </ul>
siafoam 2-side	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>Extra-soft foam adapts to all profiled and rounded workpieces</li> </ul>
siafoam block	▼	▼	▼	▼	▼	▼	▼	<ul style="list-style-type: none"> <li>High removal capacity on flat areas and excellent surface quality</li> </ul>

\* Note: all color-code foam is solvent-free and eco-friendly.

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