

# Technical data sheet

2971 siasphere



Status:	Ok
Approval:	13.08.2019

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Casting and Forging Turbines Machinery, equipment Sports Equipment


Product profile	
Grit type:	Aluminium oxide
Grit range (total):	240; 320; 400; 600
Backing:	J-wt cloth
Coating:	Structured
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	





Properties		Technology
Removal rate:	7 - high	- siasphere
Lifetime:	10 - very long	
Finishing:	9 - very good	
Flexibility:	7 - flexible	
Contact pressure:	7 - strong	

Advantages	
General Fabrication:	<ul style="list-style-type: none"><li>- Long product life</li><li>- High stock removal rates with less pressure</li><li>- Fewer belt changes</li><li>- Shorter treatment time</li><li>- Excellent and consistent finish over a long period of time</li><li>- Fewer individual operations</li></ul>

Applications	
General Fabrication:	<ul style="list-style-type: none"><li>- Surface treatment</li><li>- Structuring and final sanding</li><li>- Stock removal</li><li>- Removal of discolouration</li></ul>

Material	
General Fabrication:	<div>Non-ferrous metals<ul style="list-style-type: none"><li>○ Non-ferrous metal</li><li>● High-alloy steels</li><li>● Unalloyed / low-alloy steel</li></ul></div> <div>Stainless steel</div> <div>Steel</div>

Conversion forms	Upper conversion	Lower conversion
	Belts	<ul style="list-style-type: none"> <li>- Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)</li> <li>- Power file belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>

Application	Superordinate group	Subgroup
	Portable machine sanding	Power file
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary belt sanding	Centreless belt sanding
Cut:	Dry application, Wet sanding	

Details	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

Communication	
Claim:	The high-tech solution for efficiency and quality
Copy:	The special siasphere series allows metal surfaces to be treated more efficiently and cost-effectively. 2971 siasphere has a slightly stiffer, but still flexible backing, and is ideal for softly contoured surfaces and flat applications where higher stock removal rates are required.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 4513
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7620 ID 4717

- Main application
- Secondary application