

Technical data sheet

2803 siaron y



Status:	Ok
Approval:	12.04.2021

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

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	36-80; 120
Backing:	X-wt cloth
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties	Technology
Removal rate:	7 - high
Lifetime:	7 - long
Finishing:	8 - good
Flexibility:	3 - rigid
Contact pressure:	7 - strong

Advantages	
General Fabrication:	<ul style="list-style-type: none">- Active additives with a cooling effect greatly reduce discolouration- Excellent performance and lifetime- Very high cut with low pressure




Applications	
General Fabrication:	<ul style="list-style-type: none">- Weld preparation- Removal of discolouration- Stock removal- Surface treatment- Deburring- Smoothing and blending of flaws





Material	
General Fabrication:	Stainless steel ● High-alloy steels

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Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - Jumbolino
	Discs	<ul style="list-style-type: none"> - siafix discs - Various discs
	Belts	<ul style="list-style-type: none"> - Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm) - Power file belts (width: 6-30 mm/length: up to 950 mm)

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

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

Communication	
Claim:	The top performer in the metalworking industry
Copy:	The special 2803 siaron y series is designed for high-alloy steels, it comes into its own in applications such as the industrial surface treatment of weld seams and transitions as well as the removal of mill scale – thanks to a combination of high stock removal rates, low surface pressure and extremely long life.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 5619
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12290

- Main application
- Secondary application