

# Technical data sheet

4961 sialoX



Status:	Ok
Approval:	05.08.2021

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Casting and Forging Machinery, equipment

<b>Product profile</b>		
Grit type:	Aluminium oxide	
Grit range (total):	16; 24; 36; 60-80; 120	P016 – P120 FEPA P / ISO 6344
Backing:	Fibre	
Coating:	Closed	
Bonding:	Resin over resin	
Special coating:	Cooling additive	
Equipment:		

<b>Properties</b>		<b>Technology</b>
Removal rate:	8 - high	
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	2 - very rigid	
Contact pressure:	9 - high	

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- A versatile all-round product</li><li>- Excellent price/performance ratio</li></ul>


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


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

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Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Application	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Wet sanding</li> <li>- Materials with poor chip removal properties</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	<ul style="list-style-type: none"> <li>- For aggressive grinding, select a hard sanding pad</li> <li>- For soft grinding, select a soft grinding pad</li> </ul>
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 all-rounder for highly effective material removal
Copy:	The 4961 sialoX fibre disc series with its excellent price/performance ratio is suitable for all unalloyed steels, low-alloy steels and non-ferrous metals.
Image material:	Product Top View (PTV)
	Front side: ID
	Rear side: ID
	Application image
	General Fabrication: ID 7553
	Product show:
	Macro shot:
	Packaging image:
	Product group image: ID 7622 ID 1679

- Main application
- Secondary application