

# 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; 36-40; 60-120 P016 – P120 FEPA P / ISO 6344
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling top coat
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:	- A versatile all-round product - Excellent price/performance ratio


<b>Applications</b>	
General Fabrication:	- Removal of rust - Weld preparation - Removing discolouration - Sanding down - Surface finishing - Deburring - Smoothing and blending of flaws


<b>Material</b>	
General Fabrication:	Non-ferrous metals ● Non-ferrous metal Steel ● Unalloyed / low-alloy steel

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Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Application	Superordinate group	Subgroup
	Portable machine sanding	Angle grinders
cut:	Dry applications	

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 sanding pad</li> </ul>
Safety recommendation:	<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	

- Main application
- Secondary application