

# Technical data sheet

4961 sialoX



Status:	Ok
Approval:	05.08.2021

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

Product profile	
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:	

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

Advantages	
General Fabrication:	- A versatile all-round product - Excellent price/performance ratio


Applications	
General Fabrication:	- Removal of rust - Weld preparation - Removal of discolouration - Stock removal - Surface treatment - Deburring - Smoothing and blending of flaws


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

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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