

Technical data sheet

4961 sialoX



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| Status: | Ok |
| Approval: | 05.08.2021 |

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

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|------------------------|--|
| 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 | |

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


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


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| Material | |
| 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 grinder |
| Cut: | Dry application | |

| Details | |
|-------------------------|--|
| No suitability for: | <ul style="list-style-type: none"> - Wet sanding - Materials with poor chip removal properties - Stone grinding |
| Sanding recommendation: | <ul style="list-style-type: none"> - For aggressive grinding, select a hard sanding pad - For soft grinding, select a soft grinding pad |
| 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 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