

## Technical data sheet

5962 microtec



Status:	Ok
Approval:	14.09.2020

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Watches and Jewellery Surgery Rollers and Cylinders Motors and Drives

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	
Backing:	Polyester film with anti-slip tape
Coating:	Electrostatic
Bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Removal rate:	6 - Medium	- microtec
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	7 - flexible	
Contact pressure:	3 - little	

Advantages	
General Fabrication:	<ul style="list-style-type: none"><li>- For clearly defined standard scratch depth values</li><li>- Maximum useful life</li><li>- Even cross sanding</li><li>- High-gloss polished surface finish</li><li>- May be used wet or dry, resistant to coolant</li><li>- Grit is calibrated very precisely for fine surface finish</li></ul>

Applications	
General Fabrication:	<ul style="list-style-type: none"><li>- Finishing of camshafts</li><li>- Finishing of crankshafts</li><li>- Finishing of steering assembly parts; finishing of shock absorber parts; finishing of valves; finishing of hydraulic components; finishing of pneumatic components; finishing of ball bearings</li><li>- Finishing of test objects (metallurgy)</li><li>- Finishing of watch cases and bracelets</li></ul>

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## Material

General Fabrication:	Non-ferrous metals Stainless steel Steel	<ul style="list-style-type: none"><li>• Non-ferrous metal</li><li>• High-alloy steels</li><li>• Unalloyed / low-alloy steel</li></ul>
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## Conversion forms

	Upper conversion	Lower conversion
	Rolls	- Abrasive film rolls
	Sheet	- Standard sheets
	Belts	- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)

## Application

	Superordinate group	Subgroup
	Manual sanding	Manual sanding
	Stationary belt sanding	Contact belt sanding
	Stationary machine sanding	belt finisher
	Stationary machine sanding	Disc sanding and lapping machine
Cut:	Dry application, Wet sanding	

## Details

No suitability for:	
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> > Expertise > Safety <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:	For consistent finishing results in clamping shoe applications for vehicle and machine production
Copy:	The coated 5962 microtec series is an aluminium oxide finishing product with a polyester backing, an anti-slip coating and resin over resin bonding which delivers reproducible surface finishes and defined tolerances during the production of precision components such as crankshafts and camshafts.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 913
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7637

- Main application
- Secondary application