

Technical data sheet

5900 microtec



MKP person responsible:	Armin Landert
Status:	Ok
Approval:	31.05.2016

Classification	Public series
Product type:	Coated abrasives
Main application area:	Metal

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	
Backing:	Polyester foil
Coating:	Electrostatic
bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Cut:	6 - medium	
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	9 - highly flexible	
Contact pressure:	3 - little	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- For clearly defined standard scratch depth values- Maximum durability- Even cross sanding- High-gloss polished surface finish- May be used wet or dry, resistant to coolant- Grit is calibrated very precisely for fine surface finish
Panels:	





Applications	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Finishing of copper rollers; finishing of chrome/hard chrome rollers; finishing of zinc rollers- 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
Panels:	



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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels Non-alloy / low-alloy steels Non-ferrous metals Other metals with hard to grind surfaces	<ul style="list-style-type: none"> ● High-alloy steel ● Unalloyed / low-alloy steel ● Non-ferrous metal ● Other hard-to-grind metals
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- film rolls - Jumbo rolls
	Sheets	- Standard curves
	Strips	- Self-adhesive strips
	System components	- emery sticks

Use	Superordinate group	Subgroup
	Manual sanding	○ Manual sanding
	Stationary machine sanding	● Belt finisher
Cut:	Dry applicationWet sanding	

Details	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<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 professional abrasive for higher cutting power
Copy:	The coated 5900 microtec series: The aluminium oxide finishing product with polyester backing and resin over resin bonding is ideal for applications that demand higher cutting power.



Communication			
Industrial Verticals:	- Watches and Jewellery - Surgery - Rollers and Cylinders	- Motors and Drives	
Image material:	Product Top View (PTV)	Front side:	ID 1928
		Reverse side:	ID
	Application image	Coatings & composites:	
		Wood:	ID 537
		Metal:	
		Panels:	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:	ID 7637	

- Main application
- Secondary application