

# Technical data sheet

2747 siatur



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	22.02.2017

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main application area:	Metal
Secondary application area:	Wood

<b>Product profile</b>	
Grit type:	Silicon carbide
Grit range (total):	60-320; 400; 600-800 FEPA P / ISO 6344
Backing:	jj-wt cloth, cotton
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	





<b>Properties</b>	<b>Technology</b>
Cut:	7 - high
Lifetime:	7 - long
Finishing:	10 - very good
Flexibility:	7 - flexible
Contact pressure:	5 - medium





<b>Advantages</b>	
Coatings & composites:	
Wood:	<ul style="list-style-type: none"><li>- Long lifetime</li><li>- Highly flexible</li><li>- Excellent surface quality</li><li>- Highly adaptable to contours, curves and profiles</li></ul>
Metal:	<ul style="list-style-type: none"><li>- This series is ideal for grinding fittings</li><li>- Excellent surface quality</li><li>- Highly adaptable to contours, curves and profiles</li></ul>
Panels:	

<b>Applications</b>	
Coatings & composites:	
Wood:	<ul style="list-style-type: none"><li>- Shaping of MDF boards</li><li>- Profile grinding for radii greater than 5 mm</li><li>- Intermediate sanding of varnishes on profiled workpieces</li></ul>

<b>Applications</b>	
Metal:	<ul style="list-style-type: none"> <li>- Surface treatment</li> <li>- Deburring</li> <li>- Blending</li> <li>- Structuring and final sanding</li> </ul>
Panels:	

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:		
Wood:	Wood-based materials	○ Chipboard
Metal:	Non-ferrous metals Other metals with hard to grind surfaces	● Non-ferrous metal ● Other hard-to-grind metals
Panels:		

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Cloth rolls</li> <li>- jumbolino</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- Various strips</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm)</li> <li>- Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>
	System components	<ul style="list-style-type: none"> <li>- strips assembly slashed</li> </ul>

<b>Use</b>	Superordinate group	Subgroup
	Portable machine sanding	○ Power file
	Stationary belt sanding	● Contact belt sanding
	Stationary belt sanding	○ Slack-of-belt sanding
	Stationary belt sanding	○ Stroke belt sanding
Cut:	Dry application	

<b>Details</b>	
No suitability for:	<ul style="list-style-type: none"> <li>- At high contact pressure</li> <li>- Wet sanding</li> <li>- Sanding of aluminium and aluminium alloys</li> </ul>

<b>Details</b>	
Sanding recommendation:	
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>

<b>Communication</b>		
Claim:	optimised for sanding of fittings	
Copy:	As a specialist product for sanding fittings, the flexible silicon carbide belt 2747 siatur offers high adaptability to contours, curves and profiles and produces first-class results in applications ranging from deburring to structuring and final sanding of hard to grind metals and non-ferrous metals.	
Industrial Verticals:	<ul style="list-style-type: none"> <li style="width: 50%;">- Casting and Forging</li> <li style="width: 50%;">- Turbines</li> <li style="width: 50%;">- Glass</li> <li style="width: 50%;">- Machinery, equipment</li> <li style="width: 50%;">- Stone</li> <li style="width: 50%;">- Construction and Metalwork</li> <li style="width: 50%;">- Coils and Sheet Metal</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 4941 Reverse side: ID 4940
	Application image	Coatings & composites: ID 8168 Wood: Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	ID 7610 ID 1665

- Main application
- Secondary application