

# Technical data sheet

6924 siamet hd



|           |            |
|-----------|------------|
| Status:   | Ok         |
| Approval: | 29.10.2024 |

|                       |                     |
|-----------------------|---------------------|
| <b>Classification</b> | Public series       |
| Product type:         | Non woven abrasives |
| Main industries:      | General Fabrication |
| Further industries:   |                     |



|                        |                  |
|------------------------|------------------|
| <b>Product profile</b> |                  |
| Grit type:             | Aluminium oxide  |
| Grit range (total):    |                  |
| Backing:               | Nonwoven         |
| Coating:               | Mechanical       |
| Bonding:               | Resin over resin |
| Special coating:       |                  |
| Equipment:             |                  |



| <b>Properties</b> |             | <b>Technology</b> |
|-------------------|-------------|-------------------|
| Removal rate:     | 8 - high    |                   |
| Lifetime:         | 8 - long    |                   |
| Finishing:        | 6 - average |                   |
| Flexibility:      | 3 - rigid   |                   |
| Contact pressure: | 7 - strong  |                   |

|                      |   |
|----------------------|---|
| <b>Advantages</b>    |   |
| General Fabrication: | <ul style="list-style-type: none"><li>- Major time-saving thanks to highest aggressiveness and highest stock removal rates</li><li>- Excellent performance on hard materials</li><li>- More durable so more resistant on edges</li><li>- Considerably more resistant to smearing than existing products, especially at the edge of the disc when working at tight angles</li><li>- Excellent and consistent finish over a long period of time</li></ul> |

|                      |   |
|----------------------|---|
| <b>Applications</b>  |   |
| General Fabrication: | <ul style="list-style-type: none"><li>- Smoothing and blending of flaws</li><li>- Stock removal</li><li>- Light deburring</li><li>- Removal of polishing scratches</li><li>- Removal of discolouration</li><li>- Removal of paint</li><li>- Removal of rust</li></ul> |

| <b>Material</b>      |   |   |
|----------------------|---|---|
| General Fabrication: | Non-ferrous metals<br>Stainless steel<br>Stainless steel<br>Steel<br>Steel<br>Steel | <ul style="list-style-type: none"> <li>● Non-ferrous metal</li> <li>● High-alloy steels</li> <li>● Stainless steel (inox)</li> <li>● Unalloyed / low-alloy steel</li> <li>● Ferrous metal</li> <li>○ steel</li> </ul> |

| <b>Conversion forms</b>   | Upper conversion | Lower conversion              |
|---|------------------|-------------------------------|
|  | Rolls            | - siafleece rolls             |
|  | Discs            | - scm discs<br>- siafix discs |

| <b>Application</b>   | Superordinate group      | Subgroup           |
|--|--------------------------|--------------------|
|   | Portable machine sanding | Angle grinder      |
|  | Portable machine sanding | Mini angle grinder |
| Cut:   | Dry application          |                    |

| <b>Details</b>          |   |
|-------------------------|---|
| 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> |

| <b>Communication</b> |  |
|----------------------|--|
| Claim:               | High-performance discs for surface finishing of steels   |
| Copy:                | The high-performance discs in the 6924 siamet hd series offer an exceptional removal rate on hard materials and also impress with their exceptionally long lifetime. An excellent, even finish is yet another advantage. |

| <b>Communication</b> |                        |                      |         |
|----------------------|------------------------|----------------------|---------|
| Image material:      | Product Top View (PTV) | Front side:          | ID      |
|                      |                        | Rear side:           | ID      |
|                      | Application image      | General Fabrication: | ID 5627 |
|                      | Product show:          |                      |         |
|                      | Macro shot:            |                      |         |
|                      | Packaging image:       |                      |         |
|                      | Product group image:   |                      | ID 4565 |

- Main application
- Secondary application