

## Fibre discs, backing plates, economy rolls, abrasive sheets and fleece rolls

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### Product line marking

Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.



## Information

### **FIS, Fibre Discs**

Fibre-backed discs FIS are used on angle grinders with a backing pad STF. We offer this very popular product in NK, ZK and Ceramic for universal application.

### **SHF semi-flexible grinding disc**

The SHF semi-flexible grinding disc consists of a stable fibre backing with a structured abrasive coating of silicon carbide. This combination is particularly suitable for coarse grinding work on the biggest variety of materials. Typical applications are the removal of paint, rust and adhesives, but also the processing of glass-fibre reinforced plastics such as GRP and CRP (e.g. during the manufacture of wind turbine blades). Like fibre discs, semi-flexible grinding discs for angle grinders are only used with an STF backing plate.

### **SPR, Economy rolls**

We supply economy rolls manufactured from flexible coated abrasive for off-hand application. The appropriate length can be cut from the roll.

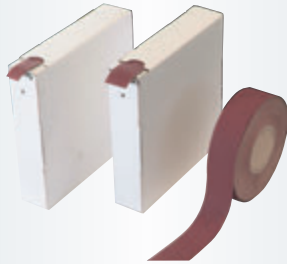
### **SVB, Fleece pads and SVR, Fleece rolls**

We supply abrasive fleece economy rolls and pads used off-hand or on vibratory finishing machines. These can be used wet or dry.



## SPR, Economy Rolls, reg. Aluminium Oxide

Ordering example: A3821025040



**Packing unit:**

1 pc. per type

NK = reg. Aluminium Oxide

Description	Grits	wide mm	long m	Product-Number	recommended for	
SPR 025	NK 40	25	50	A3821025040	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 60	25	50	A3821025060	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 80	25	50	A3821025080	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 100	25	50	A3821025100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 120	25	50	A3821025120	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 150	25	50	A3821025150	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 180	25	50	A3821025180	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 240	25	50	A3821025240	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 320	25	50	A3821025320	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 025	NK 400	25	50	A3821025400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 40	40	50	A3821040040	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 60	40	50	A3821040060	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 80	40	50	A3821040080	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 100	40	50	A3821040100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 120	40	50	A3821040120	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 150	40	50	A3821040150	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 180	40	50	A3821040180	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 240	40	50	A3821040240	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 320	40	50	A3821040320	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SPR 040	NK 400	40	50	A3821040400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■

LUKAS Economy Rolls with their great grinding characteristics help to manage your manual grinding at optimum level.



Industry

**SLB, Sheets of abrasive cloth**

Ordering example: A3825230280040



**Packing unit:**  
50 pcs. per type  
NK = reg. Aluminium Oxide

Description	Quality	wide mm	long mm	Product-Number	recommended for	
SLB 230280	NK 40	230	280	A3825230280040	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 60	230	280	A3825230280060	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 80	230	280	A3825230280080	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 100	230	280	A3825230280100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 120	230	280	A3825230280120	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 150	230	280	A3825230280150	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 180	230	280	A3825230280180	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 220	230	280	A3825230280220	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 240	230	280	A3825230280240	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 320	230	280	A3825230280320	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 400	230	280	A3825230280400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLB 230280	NK 999	230	280	A3825230280999	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■

The LUKAS-sheets of abrasive cloth with optimum abrasive properties will enable you to achieve outstanding results with your manual grinding applications.

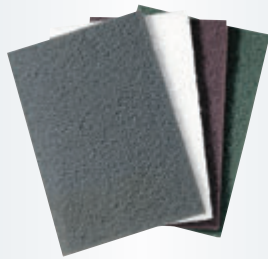
# 350 Fleece Pads and Rolls



Industry

## SVB, Fleece pads

Ordering example: A380115023011



**Packing unit:**

50 pcs. per type

A = reg. Aluminium Oxide

C = Silicon carbide

Description	Quality	Type	wide mm	long mm	Product-Number	recommended for	
SVB 150230	A Medium	red-brown	150	210	A380115023011	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SVB 150230	A Fine	green	150	210	A380115023012	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SVB 150230	A Very Fine	red-brown	150	210	A380115023013	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SVB 150230	C Ultra Fine	grey	150	210	A380115023024	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■

LUKAS-fleece pads are used to remove corrosion and stain from metal surfaces as well as to clean and polish surfaces of any kind of material.



Industry

## SVR, Fleece rolls

Ordering example: A382011501012



**Packing unit:**

1 pc. per type

A = reg. Aluminium Oxide

C = Silicon carbide

Description	Quality	Type	wide mm	long m	Product-Number	recommended for	
SVR 115	A Fine	green	115	10	A382011501012	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SVR 115	A Very Fine	red-brown	115	10	A382011501013	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SVR 115	C Ultra fine	grey	115	10	A382011501024	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■

LUKAS-fleece rolls are used to remove corrosion and stain from metal surfaces as well as to clean and polish surfaces of any kind of material.

## Material classification

### 1 STEELS AND CAST STEELS

Rm up to 800 N/mm<sup>2</sup>

- common structural steels
- free cutting steels
- case hardened steels
- fine grained structural steels
- extruded steels
- toughened structural steels
- boiler plate
- nitrided steels
- cast steels
- heat treated steels
- heat resistant structural steels

### 2 ALLOYED, TEMPERED STEELS

Rm 800 up to 1200 N/mm<sup>2</sup>

- case hardened steels
- spring steels
- fine grained structural steels
- nitrided steels
- heat treated steels
- wear resistant steels
- bearing steels

### 3 TOOL STEELS Rm up to 1300 N/mm<sup>2</sup>

- 60 - 65 HRC
- high-speed steels
- non-alloyed tool steels
- cold working tool steels
- hot working tool steels

### 4 RUST, ACID AND HEAT RESISTANT STEELS AND CAST STEELS

- austenitic
- ferritic
- ferritic-austenitic
- heat-resistant
- martensitic
- stainless, sulphurized

### 5 CAST IRON

### 6 ALUMINIUM, MAGNESIUM AND COPPER ALLOYS

- over 300 HB
- 200-300 HB
- up to 200 HB
- over 15% Si
- 10-15% Si
- 0,5-10% Si
- below 0,5% Si

### 7 TITANIUM AND NICKEL ALLOYS

- Rm 900 up to 1500 N/mm<sup>2</sup>
- Rm up to 900 N/mm<sup>2</sup>

### 8 PLASTICS, WOOD, RUBBER

### 9 GLASS / CARBIDES

### 10 STONE / TILES / GAS CEMENT

### 11 CONCRETE / REINFORCED CONCRETE

### 12 CERAMIC / FLOOR TILES

### 13 MARBLE

### 14 GRANITE

### 15 FRESHLY POURED CONCRETE

### 16 ASPHALT

● best suitable

○ suitable

■ delivery ex-stock

▲ delivery on request

Ⓢ regrind service, please enquire

## Safety Symbols

(Depending on the product these symbols may vary)



Wear eye protection



Wear hearing protection



Wear a respirator



Read the instructions



Wear gloves



Only permitted with a back-up pad



Not permitted for wet grinding



Not permitted for face grinding



Do not use if damaged



Do not use for freehand cutting