

# CEPRO®

**LEADING IN WELDING SAFETY**

**CATALOGUE**

**WELDING BLANKETS**

**INSULATION PRODUCTS**

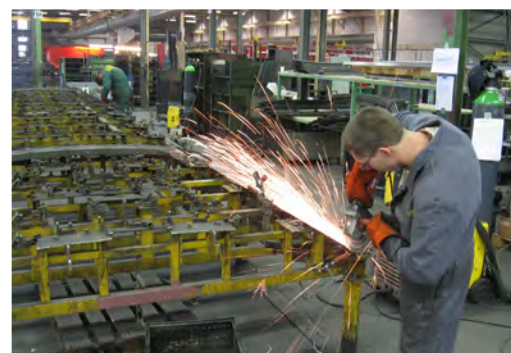
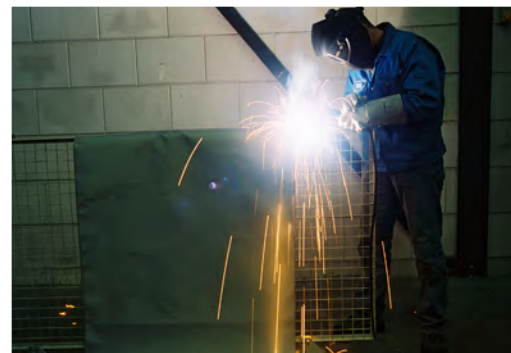
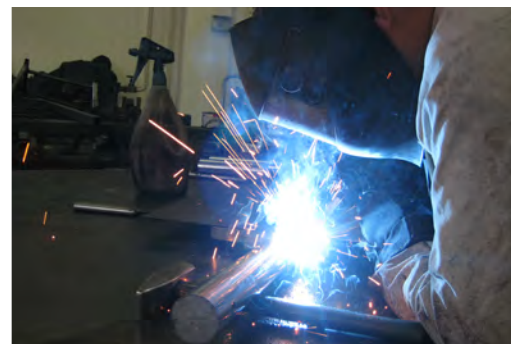
**GRINDING CURTAINS & STRIPS**





## TABLE OF CONTENTS

<b>General information</b>	<b>3</b>
<b>Standard</b>	<b>4</b>
<b>Premium blankets</b>	<b>5</b>
<b>Basic blankets</b>	<b>8</b>
<b>Economy blankets</b>	<b>11</b>
<b>Saturn carbon felt blankets</b>	<b>14</b>
<b>Special blankets</b>	<b>16</b>
<b>Accessories blankets</b>	<b>17</b>
<b>Insulation products</b>	<b>18</b>
<b>Grinding curtains</b>	<b>20</b>
<b>Grinding strips</b>	<b>22</b>



## GENERAL INFORMATION

### ► Protection

Designing a good workplace for welders and grinders and preventing risks are the primary prerequisites for any company or organization involved in professional welding. In addition to these social and humane aspects, there are also factors such as, reducing injuries and sickness absence of welders and other workers, reducing fire hazard and the potential loss of production due to damage, which should be taken into account. Optimum protection of workers against the risks involving welding light, noise and heat are essential for responsible management.

CEPRO are specialists in designing safe welding and grinding work areas and can provide a comprehensive range of products and services. CEPRO products not only increase the safety of the working area, but they also increase efficiency resulting in an improved workflow and cost-savings.

CEPRO products are the result of years of experience in the design and equipping of safe welding and grinding work areas. Our products comply with all the currently applicable standards and regulations, including several subfields.

This brochure elaborates on the various risks associated with the harmful effects of welding and grinding sparks for which CEPRO systems and products can provide you with solutions. Our team at CEPRO have years of experience and know-how to help you and are at your disposal without any obligation. Feel free to contact us for more information.

### ► Sparks and spatter

Welding and grinding sparks are a significant issue and pose hazards for welders and co-workers in the welding and grinding workplace. Not only can sparks cause burns and thus serious personal injury to workers, but they can also cause a significant potential loss to the production process which can have a negative influence on the work of other personnel.

One of the major costs of inadequately protecting the working environment from sparks and welding spatters is damage during production which affects quality.

Sparks and welding spatters pose a serious fire risk. It is not without reason that many insurers set demands for covering and shielding of flammable and / or costly materials in the vicinity of welding and grinding worksites.

Effective protection of products from welding spatter requires the use of non-combustible materials. This needs careful consideration. Specific applications and work situations often require unique choices and customized products. Only tested and approved products should be chosen for maximum security against liability. CEPRO can provide these quality products.

CEPRO heat resistant fabrics and curtains are made of fibreglass or silica fibres which provide extremely good protection against welding spatter and showers of large sparks. Our welding fabrics and blankets have different cooling times so that they can withstand temperatures ranging from 550°C to 1200°C. They are available in various thicknesses and types of coatings so that they can be used, for example, for increasing the mechanical load bearing capacity, higher peak temperatures, prolonged heat contact, etc.

In order to help you choosing the blanket suitable for you, we have divided our welding blanket into 3 product groups:

- **Premium welding blankets**

Welding blankets produced from high quality raw material. They also meet the highest available standards.

- **Basic welding blankets**

Allround welding blankets with an excellent price - quality ratio.

- **Economy welding blankets**

Welding blankets which combine quality with a competitive price.

Besides our extensive range of welding blanket, CEPRO also offers you a broad range of insulation products.

## STANDARD

A European standard is not yet in place for the safe screening off of workplaces that are capable of being easily ignited, such as the EN-1598 for filtration of welding light.

In various directives, both governmentally and commercially, directions are given to prevent fire and damage.

General directives are:

- Removal of all portable flammable items to a distance of 10 metres from the activities.
- Removing dust in the vicinity of the activities.
- Covering the immediate vicinity and all flammable and / or valuable items left behind.

For the last mentioned, CEPRO provides an extensive package of flexible welding blankets.

Since a specific standard lacks, CEPRO tests the welding blankets according to standards for non-flammability of building materials.

Some examples of these standards:

### **NF P92-503**

French standard for non-flammability of flexible building blocks thinner than 5 mm.

### **EN ISO 1716**

European standard for caloric value of building blocks.

### **EN 13501-1**

European standard for non-flammability of building blocks.

All CEPRO welding blankets comply with the most stringent requirements for each quality. We hereby guarantee our clients a high-quality product, which will ensure a safe workplace, at all times.

For the best possible guarantee against liability, one must select products that are tested and approved according to the above mentioned standards.

The choice of welding blanket to be used depends on the type of risk, the user frequency, the mechanical load, the proximity of the spark source and various environmental factors. In most cases, for the best possible protection, it is necessary to use a customised solution. CEPRO offers you a wide selection for this purpose.



## PREMIUM WELDING BLANKETS

CEPRO Premium welding blankets meet the highest quality standards and are made from top quality materials. They can be used in situations where spatter or sparks reach very high temperatures. CEPRO Premium welding blankets are available in various standard sizes or can be custom-made according to the client's specifications.

Unless otherwise stated, all CEPRO Premium welding blankets are:

- Suitable for horizontal use
- Available in several standard sizes
- Available custom-made
- Available per roll

### Available qualities

CEPRO can provide the following quality Premium welding blankets:

Quality	Base	Peak temp.	Coating	Thickness
• Olympus	Silica	1300 °C	Vermiculite	1.30mm
• Hercules	Fibreglass	900 °C	HT + PU	1.60mm
• Sirius	Fibreglass	1000 °C	Vermiculite	1.40mm
• Thetis	Fibreglass	900 °C	Graphite + PU	1.50mm
• Athos	Fibreglass	900 °C	PU	1.60mm
• Ares	Fibreglass	550 °C	Alu-foil	1.30mm

### Technical information

- CEPRO recommends the use of multiple layers for maximum protection.
- Always use welding blankets at an angle of at least 15 degrees.
- The temperatures shown are only an indication. The suitability of the selected product should always be tested beforehand.
- Regularly check welding blankets for tears and or other damage. Replace damaged blankets where necessary.
- Welding blankets can be used for many purposes and therefore, no guarantee can be given on their use. The end user is responsible for determining whether the welding blanket is suitable for use in a specific situation and whether it offers sufficient protection during the work to be performed.
- CEPRO welding blankets are sewn on the cut edges with best quality Kevlar thread.

### Custom-made welding blankets

The specifications for custom-made welding blankets are:

- Sewn on the cut edges.
- Minimum size available is 1m².
- Maximum size available is 15m².
- The minimum length per side is 100cm.
- Welding blankets are made with 5cm tolerance on the provided measurements
- Custom-made welding blankets are not returnable

### CEPRO PREMIUM WELDING BLANKETS

- Approved according to the highest applicable standards
- Suitable for horizontal and vertical use
- Produced from high-quality materials
- Suitable for high to extremely high temperatures

*For all materials datasheets are available with information about composition, tests etc.*

#### VERY HIGH TEMPERATURE, MADE FROM SILICA FIBRE

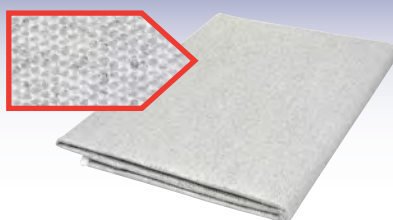


#### OLYMPUS

- Silica fabric (filament)
- High temperatures up to 1000 °C
- Peak temperature approx. 1300°C
- Extreme circumstances
- Suitable for horizontal use
- Material weight 1,220 gram/m²

Olympus welding blanket 90 x 100cm	<b>56.50.91</b>
Olympus welding blanket 90 x 200cm	<b>56.50.92</b>
Olympus welding blanket 180 x 200cm	<b>56.50.95</b>
Olympus welding blanket 180 x 300cm	<b>56.50.96</b>
Olympus welding blanket 270 x 300cm	<b>56.50.97</b>
Width 90cm, part of a rol, not lock stitched	<b>56.50.09.0900</b>
Width 90cm, full roll 50m <sup>1</sup>	<b>56.50.09.0950</b>
Made to size, lock stitched at the cutting borders	<b>56.50.90</b>

#### HIGHLY MECHANICAL RESISTANT



#### HERCULES

- Fibreglass cloth (texturized)
- 2-sided PU-coating
- Temperature resistance 750°C
- Peak temperature approx. 900°C
- Suitable for horizontal use
- Material weight 1,220 gram/m².

Hercules welding blanket 100 x 100cm	<b>56.50.71</b>
Hercules welding blanket 200 x 100cm	<b>56.50.72</b>
Hercules welding blanket 200 x 200cm	<b>56.50.75</b>
Hercules welding blanket 200 x 300cm	<b>56.50.76</b>
Hercules welding blanket 300 x 300cm	<b>56.50.77</b>
Hercules welding blanket 400 x 300cm	<b>56.50.78</b>
Hercules welding blanket 400 x 400cm	<b>56.50.79</b>
Width 100cm, part of a rol, not lock stitched	<b>56.50.07.1000</b>
Width 100cm, full roll 25m <sup>1</sup>	<b>56.50.07.1025</b>
Made to size, lock stitched at the cutting borders	<b>56.50.70</b>

#### SUITABLE FOR FLAME PROTECTION



#### SIRIUS

- Fibreglass cloth (texturized)
- 2-sided HT coating
- Flame protection till approx. 700 °C
- Peak temperature approx. 1000°C
- Suitable for horizontal use
- Material weight 1,035 gram/m².

Sirius welding blanket 100 x 100cm	<b>56.53.21</b>
Sirius welding blanket 200 x 100cm	<b>56.53.22</b>
Sirius welding blanket 200 x 200cm	<b>56.53.25</b>
Sirius welding blanket 200 x 300cm	<b>56.53.26</b>
Sirius welding blanket 300 x 300cm	<b>56.53.27</b>
Width 100cm, part of a rol, not lock stitched	<b>56.53.02.1000</b>
Width 100cm, full roll 25m <sup>1</sup>	<b>56.53.02.1025</b>
Made to size, lock stitched at the cutting borders	<b>56.53.20</b>

## ► CEPRO PREMIUM WELDING BLANKETS

- Approved according to the highest applicable standards
- Suitable for horizontal and vertical use
- Produced from high-quality materials
- Suitable for high to extremely high temperatures

*For all materials datasheets are available with information about composition, tests etc.*

### ALLROUND BLANKET WITH GRAPHITE COATING

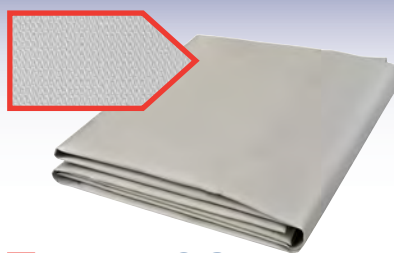


#### ► THETIS

- Fibreglass cloth (texturized)
- 2-sided black graphite coating
- Temperature resistance 700°C
- Peak temperature 900°C
- Suitable for horizontal use
- Material weight 1,100 gram/m².

Thetis welding blanket 200 x 100cm	<b>56.53.82</b>
Thetis welding blanket 200 x 200cm	<b>56.53.85</b>
Thetis welding blanket 200 x 300cm	<b>56.53.86</b>
Width 100cm, part of a roll, not lock stitched	<b>56.53.08.1000</b>
Width 100cm, full roll 25m <sup>1</sup>	<b>56.53.08.1025</b>
Made to size, lock stitched at the cutting borders	<b>56.53.80</b>

### ALLROUND BLANKET FAVOURABLY PRICED



#### ► ATHOS

- Fibreglass cloth (texturized)
- 2-sided PU coating
- Temperature resistance 550°C
- Peak temperature approx. 900°C
- Material weight 1,120 gram/m².

Width 100cm, full roll 50m <sup>1</sup>	<b>56.55.10.1050</b>
Ready-made blankets can be supplied on request	

### PROTECTION AGAINST RADIATION HEAT



#### ► ARES

- Fibreglass cloth (texturized)
- 1 sided aluminium foil
- Temperature resistance 550°C
- Radiation temperature 1.000°C
- Protection against radiation heat
- Material weight 1,060 gram/m².

Width 100 cm, full roll 50m <sup>1</sup>	<b>56.51.01.1050</b>
Ready-made blankets can be supplied on request	









## SPARKS AND SPATTER

### Basic welding blankets

**CEPRO®**  
LEADING IN WELDING SAFETY

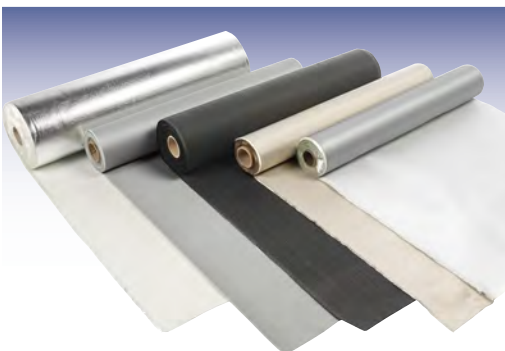
## BASIC WELDING BLANKETS



CEPRO Basic welding blankets are versatile and have an excellent price-quality ratio. The CEPRO Basic programme includes a large variety of blankets with different weights and temperature resistance. CEPRO Basic welding blankets are available in several standard sizes or can be custom-made according to the client's specifications

Unless otherwise state all CEPRO Basic welding blankets are:

- suitable for verticale use
- available in several standard sizes
- available custom-made
- available per roll



### Available qualities

CEPRO can provide the following quality Basic welding blankets:

Quality	Base	Peak temp.	Coating	Thickness
• Leto	Silica	1300 °C	Vermiculite	0.70mm
• Pallas	Fibreglass	750 °C	HT	0.70mm
• Arges	Fibreglass	550 °C	Neoprene	0.45mm
• Asteria	Fibreglass	600 °C	Heat treated	0.75mm
• Atlas	Fibreglass	600 °C	PU	0.70mm
• Kronos	Fibreglass	600 °C	PU	0.68mm



### Technical information

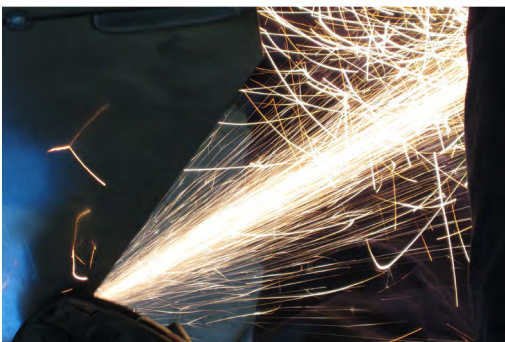
- CEPRO recommends the use of multiple layers for optimum protection.
- Always use welding blankets at an angle of at least 15 degrees.
- The temperatures shown are only an indication. The suitability of the selected product should always be tested beforehand.
- Regularly check welding blankets for tears and or other damage. Replace damaged blankets where necessary.
- Welding blankets can be used for many purposes and therefore, no guarantee can be given on their use. The end user is responsible for determining whether the welding blanket is suitable for use in a specific situation and whether it offers sufficient protection during the work to be performed.
- CEPRO welding blankets are sewn on the cut edges with best quality Kevlar thread.



### Custom-made welding blankets

The specifications for custom-made welding blankets are:

- Sewn on the cut edges.
- Minimum size available is 1m².
- Maximum size available is 15m².
- The minimum length per side is 100cm.
- Welding blankets are made with 5cm tolerance on the provided measurements
- Custom-made welding blankets are not returnable



### CEPRO BASIC WELDING BLANKETS

- Approved according to the highest applicable standards
- Suitable for vertical use
- Excellent price-quality ratio
- All-round welding blankets
- Suitable for high temperatures

For all materials datasheets are available with information about composition, tests etc.

#### VERY HIGH TEMPERATURE, MADE FROM SILICA FIBRE

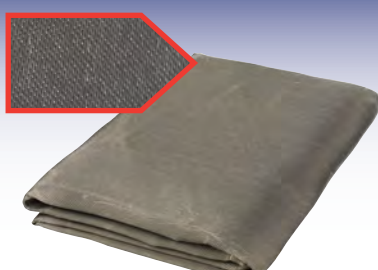


#### LETO

- Silica fabric (filament)
- High temperatures up to 1000 °C
- Peak temperature approx. 1300°C
- Extreme circumstances
- Suitable for horizontal use
- Material weight 600 gram/m²

Leto welding blanket 90 x 100cm	<b>56.51.91</b>
Leto welding blanket 90 x 200cm	<b>56.51.92</b>
Leto welding blanket 180 x 200cm	<b>56.51.95</b>
Leto welding blanket 180 x 300cm	<b>56.51.96</b>
Leto welding blanket 270 x 300cm	<b>56.51.97</b>
Width 90cm, part of a rol, not lock stitched	<b>56.51.09.0900</b>
Width 90cm, full roll 50m <sup>1</sup>	<b>56.51.09.0950</b>
Made to size, lock stitched at the cutting borders	<b>56.51.90</b>

#### ALLROUND BLANKET

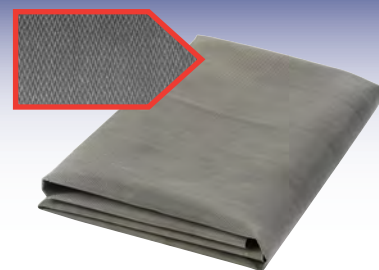


#### PALLAS

- Fibreglass cloth (filament)
- 2-sided inorganic HT coating
- Temperature resistance 700°C
- Peak temperature approx. 750°C
- Suitable for welding and grinding
- Material weight 700 gram/m²

Pallas welding blanket 100 x 100cm	<b>56.50.41</b>
Pallas welding blanket 200 x 100cm	<b>56.50.42</b>
Pallas welding blanket 200 x 200cm	<b>56.50.45</b>
Pallas welding blanket 200 x 300cm	<b>56.50.46</b>
Pallas welding blanket 300 x 300cm	<b>56.50.47</b>
Pallas welding blanket 400 x 300cm	<b>56.50.48</b>
Pallas welding blanket 400 x 400cm	<b>56.50.49</b>
Width 100cm, part of a rol, not lock stitched	<b>56.50.04.1000</b>
Width 100cm, full roll 25m <sup>1</sup>	<b>56.50.04.1025</b>
Made to size, lock stitched at the cutting borders	<b>56.50.40</b>

#### NEOPRENE COATED OIL, GREASE, ACID RESISTANT



#### ARGES

- Fibreglass cloth (filament)
- 2-sided neoprene rubber coating
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Oil, grease and acid resistant
- Material weight 550 gram/m²

Width 100cm, full roll 50m <sup>1</sup>	<b>56.59.14.1050</b>
Ready-made blankets can be supplied on request	



## CEPRO BASIC WELDING BLANKETS

- Approved according to the highest applicable standards
- Suitable for vertical use
- Excellent price-quality ratio
- All-round welding blankets
- Suitable for high temperatures

*For all materials datasheets are available with information about composition, tests etc.*

### ALLROUND BLANKET

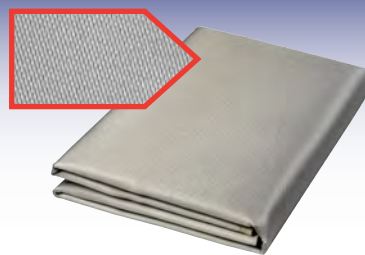


#### ► ASTERIA

- Fibreglass cloth (texturized)
- 2-sided heat treated
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Light welding and grinding work
- Material weight 580 gram/m².

Asteria welding blanket 200 x 100cm	<b>56.53.72</b>
Asteria welding blanket 200 x 200cm	<b>56.53.75</b>
Asteria welding blanket 200 x 300cm	<b>56.53.76</b>
Width 100cm, part of a rol, not lock stitched	<b>56.53.07.1000</b>
Width 100cm, full roll 25m¹	<b>56.53.07.1025</b>
Made to size, lock stitched at the cutting borders	<b>56.53.70</b>

### ALLROUND BLANKET 2 SIDED PU COATING



#### ► ATLAS

- Fibreglass cloth (filament)
- 2-sided PU-coating
- Temperature resistance 600 °C
- Peak temperature approx. 550°C
- Light welding and grinding work
- Material weight 720 gram/m²

Atlas welding blanket 100 x 100cm	<b>56.50.11</b>
Atlas welding blanket 200 x 100cm	<b>56.50.12</b>
Atlas welding blanket 200 x 200cm	<b>56.50.15</b>
Atlas welding blanket 200 x 300cm	<b>56.50.16</b>
Atlas welding blanket 300 x 300cm	<b>56.50.17</b>
Atlas welding blanket 400 x 300cm	<b>56.50.18</b>
Atlas welding blanket 400 x 400cm	<b>56.50.19</b>
Width 100cm, part of a rol, not lock stitched	<b>56.50.05.1000</b>
Width 100cm, full roll 25m¹	<b>56.50.05.1025</b>
Width 150 m, part of a rol, not lock stitched	<b>56.50.05.1500</b>
Width 150cm, full roll 50m¹	<b>56.50.05.1550</b>
Made to size, lock stitched at the cutting borders	<b>56.50.10</b>

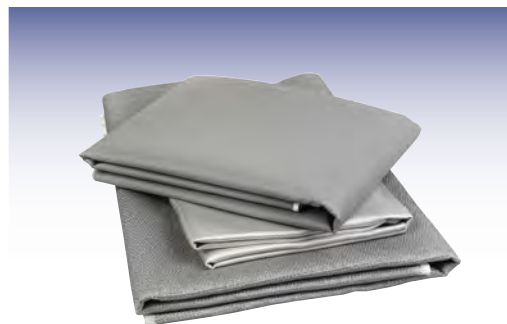
### ALLROUND BLANKET 1 SIDED PU COATING



#### ► KRONOS

- Fibreglass cloth (filament)
- 1-sided PU-coating
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Light welding and grinding work
- Material weight 690 gram/m².

Kronos welding blanket 100 x 100cm	<b>56.50.61</b>
Kronos welding blanket 200 x 100cm	<b>56.50.62</b>
Kronos welding blanket 200 x 200cm	<b>56.50.65</b>
Kronos welding blanket 200 x 300cm	<b>56.50.66</b>
Kronos welding blanket 300 x 300cm	<b>56.50.67</b>
Kronos welding blanket 400 x 300cm	<b>56.50.68</b>
Kronos welding blanket 400 x 400cm	<b>56.50.69</b>
Width 100cm, part of a rol, not lock stitched	<b>56.50.06.1000</b>
Width 100cm, full roll 25m¹	<b>56.50.06.1025</b>
Width 150cm, part of a rol, not lock stitched	<b>56.50.06.1500</b>
Width 150cm, full roll 50m¹	<b>56.50.06.1550</b>
Made to size, lock stitched at the cutting borders	<b>56.50.60</b>



### ECONOMY WELDING BLANKETS

CEPRO Economy welding blankets combine quality with a competitive price. Generally CEPRO Economy welding blankets are suitable for lighter welding and grinding work carried out at lower temperatures. CEPRO Economy welding blankets are available in various standard sizes or can be custom-made according to the client's specifications.

Unless otherwise state all CEPRO Economy welding blankets are:

- suitable for vertical use
- available in several standard sizes
- can be custom-made
- purchased per roll



#### Available qualities

CEPRO can provide the following quality Economy welding blankets:

Quality	Base	Peak temp.	Coating	Thickness
Athena	Fibreglass	600 °C	PU	0.41mm
Apollo	Fibreglass	600 °C	PU	0.43mm
Ceto 2	Fibreglass	600 °C	Silicone	0.44mm



#### Technical information

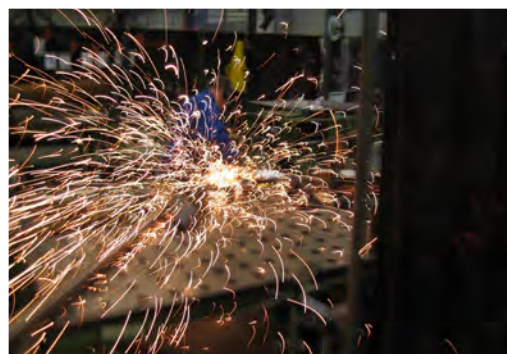
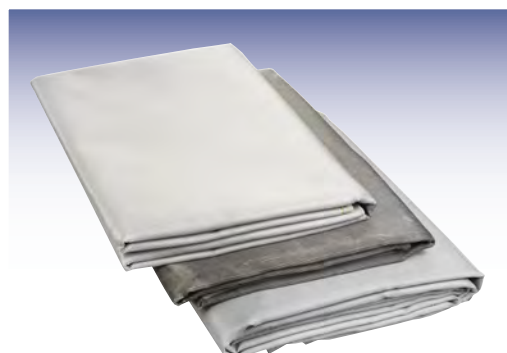
- CEPRO recommends the use of multiple layers for maximum protection.
- Always use welding blankets at an angle of at least 15 degrees.
- The temperatures shown are only an indication. The suitability of the selected product should always be tested beforehand.
- Regularly check welding blankets for tears and or other damage. Replace damaged blankets where necessary.
- Welding blankets can be used for many purposes and therefore, no guarantee can be given on their use. The end user is responsible for determining whether the welding blanket is suitable for use in a specific situation and whether it offers sufficient protection during the work to be performed.
- CEPRO welding blankets are sewn on the cut edges with best quality Kevlar thread.



#### Custom-made welding blankets

The specifications for custom-made welding blankets are:

- Sewn on the cut edges.
- Minimum size available is 1m².
- Maximum size available is 15m².
- The minimum length per side is 100cm.
- Welding blankets are made with 5cm tolerance on the provided measurements
- Custom-made welding blankets are not returnable





## CEPRO ECONOMY WELDING BLANKETS

- Approved according to the highest applicable standards
- Suitable for vertical use
- CEPRO quality at a competitive price
- Suitable for light welding and grinding work

*For all materials datasheets are available with information about composition, tests etc.*

### 2 SIDED COATED, LIGHT WEIGHT BLANKET

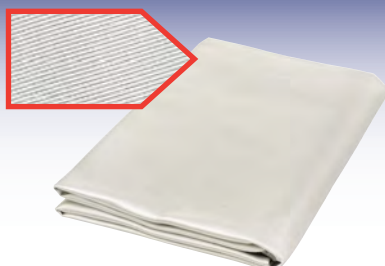


#### ATHENA

- Fibreglass cloth (filament)
- 2-sided PU-coating
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Light welding and grinding work
- Material weight 470 gram/m<sup>2</sup>

Athena welding blanket 100 x 100cm	<b>56.52.21</b>
Athena welding blanket 200 x 100cm	<b>56.52.22</b>
Athena welding blanket 200 x 200cm	<b>56.52.25</b>
Athena welding blanket 200 x 300cm	<b>56.52.26</b>
Athena welding blanket 300 x 300cm	<b>56.52.27</b>
Width 100cm, part of a rol, not lock stitched	<b>56.52.02.1000</b>
Width 100cm, full roll 50m <sup>1</sup>	<b>56.52.02.1050</b>
Made to size, lock stitched at the cutting borders	<b>56.52.20</b>

### 1 SIDE COATED, LIGHT WEIGHT BLANKET

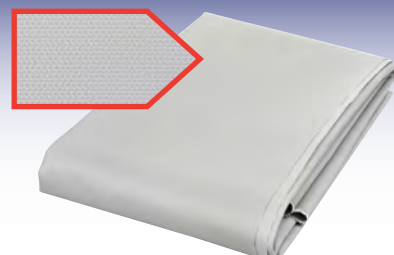


#### APOLLO

- Fibreglass cloth (filament)
- 1 sided PU-coating
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Light welding and grinding work
- Material weight 460 gram/m<sup>2</sup>.

Width 100cm, full roll 50m <sup>1</sup>	<b>56.50.02.1050</b>
<b>Ready-made blankets can be supplied on request</b>	

### SILICONE COATED OIL, GREASE, ACID RESISTANT



#### CETO 2

- Fibreglass cloth (filament)
- 2-sided silicone rubber coating
- Temperature resistance 550°C
- Peak temperature approx. 600°C
- Oil, grease and acid resistant
- Material weight 590 gram/m<sup>2</sup>.

Width 100cm, full roll 50m <sup>1</sup>	<b>56.52.06.1050</b>
<b>Ready-made blankets can be supplied on request</b>	

### SATURN WELDING BLANKETS

Saturn welding blankets have a very high peak temperature resistance and are relatively light-weight. With the added advantage of being very flexible. This flexibility allows Saturn welding blankets to be used in small spaces and difficult corners.

Unless otherwise state all CEPRO Saturn welding blankets are:

- suitable for vertical and horizontal use
- available in several standard sizes
- purchased per roll

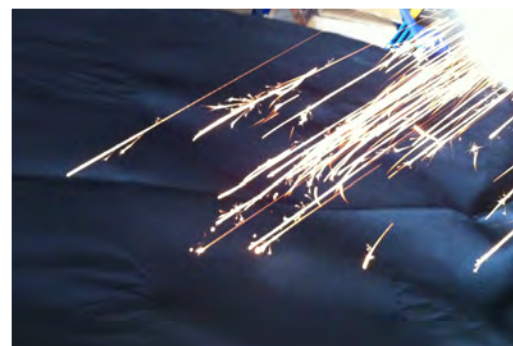
#### Available qualities

CEPRO can provide the following quality Saturn welding blankets:

Quality	Base	Peak temp.	Thickness
• Saturn 420	Carbon felt	1300 °C	5mm
• Saturn 200	Carbon felt	1300 °C	2mm

#### Technical information

- CEPRO recommends the use of multiple layers for maximum protection.
- Always use welding blankets at an angle of at least 15 degrees.
- The temperatures shown are only an indication. The suitability of the selected product should always be tested beforehand.
- Regularly check welding blankets for tears and / or other damage. Replace damaged blankets where necessary.
- Welding blankets can be used for many purposes and therefore, no guarantee can be given on their use. The end user is responsible for determining whether the welding blanket is suitable for use in a specific situation and whether it offers sufficient protection during the work to be performed.
- Saturn is made of a scratch-free material and is free from asbestos and ceramic fibres.
- **Saturn blankets are not meant for use as a cooling down blanket.**



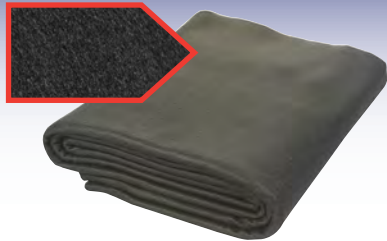


## ► CEPRO SATURN WELDING BLANKETS

- Made from non-woven carbon felt
- Suitable for high temperatures
- Very flexible
- Scratch-free
- Light-weight

*For all materials datasheets are available with information about composition, tests etc.*

### ALLROUND BLANKET MADE FROM CARBON FELT



#### ► SATURN 420

- Carbon felt
- Temperature resistance 1300°C
- Suitable for welding and grinding
- Very flexible
- Scratch-free
- Material weight 420 gram/m².

Saturn welding blanket 200 x 100cm	<b>56.57.12</b>
Saturn welding blanket 200 x 200cm	<b>56.57.15</b>
Saturn welding blanket 200 x 300cm	<b>56.57.16</b>
Saturn roll 200cm wide roll length 50meter	<b>56.57.01.2050</b>
Saturn roll 200cm wide roll length 10meter	<b>56.57.01.2010</b>
Saturn part of a roll 200cm wide	<b>56.57.01.2000</b>

### LIGHT-WEIGHT BLANKET MADE FROM CARBON FELT



#### ► SATURN 200

- Carbon felt
- Temperature resistance 1300°C
- Suitable for welding and grinding
- Very flexible
- Scratch-free
- Material weight 200 gram/m².

Saturn welding blanket 200 x 100 cm	<b>56.57.92</b>
Saturn welding blanket 200 x 200 cm	<b>56.57.95</b>
Saturn welding blanket 200 x 300 cm	<b>56.57.96</b>
Saturn rol 200 cm wide roll length 50 meter	<b>56.57.00.2050</b>
Saturn rol 200 cm wide roll length 10 meter	<b>56.57.00.2010</b>
Saturn part of a roll 200cm wide	<b>56.57.00.2000</b>

### CEPRO SPECIAL BLANKETS



#### FIRE BLANKETS

- Approved according to EN-1869
- Stowed away in a red container
- Fitted with an eyelet for hanging

Fire blanket in container 120 x 120cm	<b>53.21.12</b>
Fire blanket in container 180 x 120cm	<b>53.21.14</b>
Fire blanket in container 180 x 150cm	<b>53.21.15</b>
Fire blanket in container 180 x 180cm	<b>53.21.16</b>



#### PROTECTION COVERS

- Suitable for maintenance to cars and trucks.

Protection cover 200 x 200cm, glass fibre, including 10 magnets, material weight 690 gram/m <sup>2</sup> ,	<b>59.06.00.0007</b>
Protection cover 180 x 200cm silica fibre, material weight 1.220 gram/m <sup>2</sup>	<b>56.50.95</b>



#### DOOR SLEEVE

- Suitable for cars and trucks.
- Glass fibre (filament)
- 1 side PU coating
- Temperature resistance 550 °C
- Material weight 690 gram/m<sup>2</sup>.

Door sleeve 150 x 125 cm	<b>59.06.00.0001</b>
--------------------------	----------------------



► **CEPRO ACCESSOIRES**



► **BRASS EYELETS**

- Diameter eyelet 10mm Ø

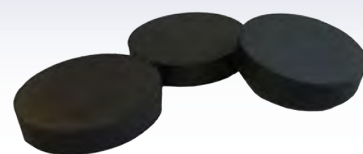
Brass eyelets, pressed into the fabric  
**50.01.10**



► **VELCRO**

- Width Velcro 25mm
- Other widths are available on request

Velcro, hook part stitched with Kevlar	<b>50.05.20.9910</b>
Velcro, hook part self adhesive	<b>50.05.20.0010</b>
Velcro, loop part stitched with Kevlar	<b>50.05.20.9920</b>
Velcro, loop part stitched with Kevlar	<b>50.05.20.0020</b>



► **MAGNETS**

- Diameter magnet 45mm Ø
- Thickness 9mm

Magnets, pressed into the fabric  
**50.10.09.0045**

### INSULATION PRODUCTS

CEPRO heat insulation products are used to allow controlled cooling of hot objects or preventing injury due to contact with hot objects. CEPRO heat insulation products are available in several standard designs and sizes, but can also be custom-made according to the client's specifications.

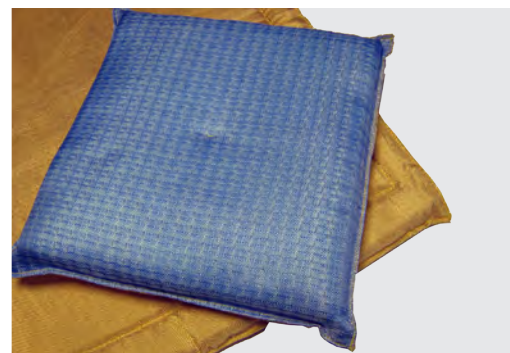
#### Available types

CEPRO can provide the following heat insulation products:

- Welding cushions  
*To prevent injury due to contact with seam welds and / or for a more comfortable working position*
- Insulation sleeves  
*For the controlled cooling of welds in pipelines.*
- Insulation Blankets  
*For the controlled cooling of welded products.*

#### Technical information

- CEPRO recommends the use of multiple layers for maximum protection.
- The temperatures shown are only an indication. The suitability of the selected product should always be tested beforehand.
- Regularly check insulation products for tears and or other damage. Replace damaged blankets where necessary.
- Insulation products can be used for many purposes and therefore, no guarantee can be given on their use. The end user is responsible for determining whether a specific insulation product is suitable for use in a specific situation and whether it offers sufficient protection during the work to be performed.
- CEPRO insulation products are sewn on the cut edges with best quality Kevlar thread.
- All of our insulation products have the following thermal conductivity coefficient per layer of 25mm = 0,044 W/m\*K by 100 °C (More technical details are available upon request).





## ► CEPRO INSULATION PRODUCTS

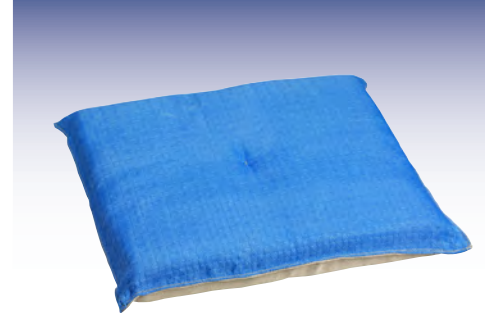
- Controlled cooling of hot objects
- Prevention of injuries due to contact with hot objects
- Made from high-quality materials

### ► CEPRO WELDING CUSHION

50 x 50cm, thickness 8cm, filled with glass needle mats  
100 x 100cm, thickness 8cm, filled with glass needle mats

**57.51.10.05**

**57.51.10.10**



### ► CEPRO INSULATION SLEEVES

100 x 50cm, for pipe diameters of max. 28cm  
150 x 50cm, for pipe diameters of max. 44cm  
200 x 50cm, for pipe diameters of max. 61cm

**57.50.10.11**

**57.50.10.12**

**57.50.10.13**



### ► CEPRO INSULATION BLANKETS

100 x 200cm, thickness 3cm  
200 x 200cm, thickness 3cm

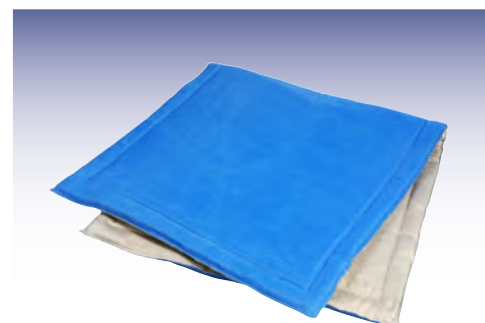
**57.50.23.10**

**57.50.23.20**

100 x 200cm, thickness 6cm  
200 x 200cm, thickness 6cm

**57.50.26.10**

**57.50.26.20**



### GRINDING CURTAINS

CEPRO offers a large range of grinding curtains in various standard sizes or these can be custom-made according to the client's specifications

Unless otherwise stated, all CEPRO grinding curtains are:

- made from approx. 0.40mm thick PVC
- produced with a 5cm sealed seam on all four sides
- supplied with heavy plastic suspension eyelets embedded in the upper seam
- supplied with snap-fasteners on two sides, spaced at 40cm above one another to enable the user to connect the curtains to each other
- comes with a set of steel hooks (diameter 30mm)
- packed in a plastic bag including full information regarding the product.

#### Available colours

- CEPRO CLEAR

CEPRO Clear curtains are not designed for shielding professional welding workspaces. CEPRO Clear curtains are suitable for use as a grinding separation. CEPRO Clear curtains are flame retardant but do not comply with the EN 1598 standards because they are not meant for welding purposes.

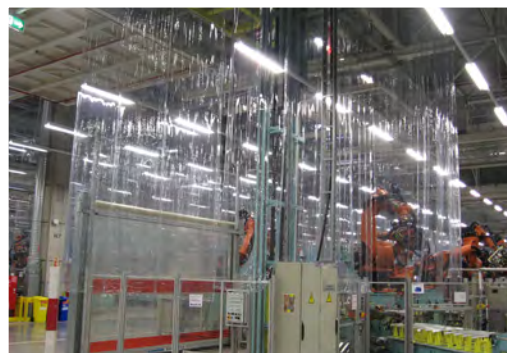
#### Technical information

- Minimum usage temperature approx. 5°C.
- Maximum heat resistance approx. 80°C.
- The grinding curtains are for visual protection use and although they are flame retardant, they are not suitable for use as a welding blanket and/or as protection against welding sparks.
- The material is not intended to replace a welding window but to be used to protect bystanders from harmful rays in the grinding area

#### Custom-made curtains

The specifications for custom-made curtains are as follows:

- PVC suspension eyelets every 20cm
- 5cm seam all-around
- Snap-fasteners on both vertical sides, upon request
- Minimum size supplied is 1m<sup>2</sup>
- Minimum length supplied per side is 100cm
- Due to the elasticity of the PVC material, 5cm tolerance should be taken into account on the measurements provided
- The maximum size per curtain is approx. 25m<sup>2</sup> (connectable for larger areas)
- custom-made curtains are not returnable





## ► **CEPRO GRINDING CURTAINS 140CM WIDE**

- Standard width 140cm
- Fully seamed all-around
- 7 eyelets on one side measuring 140cm
- Snap-fasteners on both sides
- Including 7 free steel suspension rings

## ► **CEPRO GRINDING CURTAINS 140CM WIDE**

H. 160cm x 140cm  
H. 180cm x 140cm  
H. 200cm x 140cm  
H. 220cm x 140cm  
H. 240cm x 140cm  
H. 260cm x 140cm  
H. 280cm x 140cm  
H. 300cm x 140cm  
Custom-made curtain

**16.10.16**  
**16.10.18**  
**16.10.20**  
**16.10.22**  
**16.10.24**  
**16.10.26**  
**16.10.28**  
**16.10.30**  
**16.10.99**



## **CEPRO INDUSTRIAL CURTAINS**



CEPRO Industrial Curtains provide excellent protection against all kinds of industrial nuisance. They are available in various colours and with or without a see through window .

You can find more information about our industrial protection items in the appropriate brochure.



## GRINDING STRIPS

Grinding strips and grinding curtains both offer the same level of protection. The choice is determined by the mechanical load which the separation is exposed to. It is recommended to use strips when there is a large or frequent mechanical load.

CEPRO grinding strips:

- available in thicknesses of 2, 3 and 4 mm
- available in widths of 200, 300 and 400 mm
- optionally cut to size and punched
- supplied on 50 meter rolls or in part quantities
- can be supplied with CEPRO plastic suspension clips
- fit on a 35mm Ø pipe.

### Available colours

- CEPRO CLEAR

CEPRO Clear strips are not designed for shielding professional welding workspaces. CEPRO Clear strips are suitable for use as a grinding separation. CEPRO Clear strips are flame retardant but do not comply with the EN 1598 standards because they are not meant for welding purposes.

### Technical information

- Minimum temperature approx. 5°C.
- Maximum temperature resistance approx. 80°C
- Grinding strips are designed for the protection of welding workspaces. Although these strips are flame retardant they are not suitable for use as a welding blanket and/or to provide protection against welding sparks.
- The material is not suitable as a replacement for a welding window and should only be used to shield bystanders from welding spatter and sparks.

### Conditions for custom-made grinding strips:

- The strip are made of soft flexible PVC. Our pre-cut strips are therefore produced with a maximum tolerance of +/- 5 cm on the requested dimensions !
- If required these can be supplied 5cm longer so that they can be cut to size when suspended.



## ► CEPRO GRINDING STRIPS

- Widths 200, 300 and 400mm wide
- Thicknesses 2, 3 and 4mm
- Full roll 50 metres
- Available cut and punched
- Suspension with plastic suspension clip

## ► CEPRO GRINDING STRIPS

200 x 2mm uncut per meter

26.20.22

300 x 2mm uncut per meter

26.20.02

300 x 3mm uncut per meter

26.20.03

400 x 4mm uncut per meter

26.20.44

300 x 2mm cut to size and punched

26.20.02.91

according to the CEPRO pattern minimum length 150cm

300 x 3mm cut to size and punched

26.20.03.91

according to the CEPRO pattern minimum length 150cm



## CEPRO CLEAR STRIPS



CEPRO Clear colourless transparent strips can also be used as protection from all kinds of external factors such as draughts, moisture, dust, cold, air, noise etc.

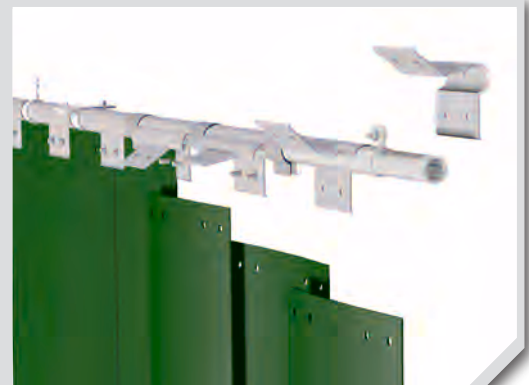
Please see the brochure on industrial protection products in this brochure for more information.



## MOUNTING CEPRO STRIPS



You can find more information on the mounting of CEPRO strips, in our brochure number 1, welding light. You will find all the necessary information on pages 14 and 15.





# CEPRO<sup>®</sup>

LEADING IN WELDING SAFETY



Maahantuonti ja markkinointi

**Teknoexpertit Oy**

Teknoexpertit Oy

Kapanalhonpolku 4, FI-20400 Turku

Puh. 0207 597 999

[www.teknoexpertit.fi](http://www.teknoexpertit.fi)



**WELDING  
CURTAINS**



**WELDING  
BLANKETS**

Art. Nr. 96.21.32



**WELDING  
SCREENS**



**WELDING BOOTHS  
GRINDING BOOTHS**



**OUTDOOR  
WELDING**



**CONSTRUCTION**