



SPARKS AND SPATTER Table of contents

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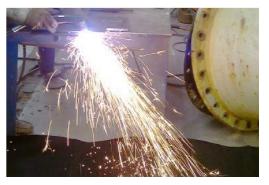












General information



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 sinigicant 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 negativ 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 devided 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 competive price.

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



Standard

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.

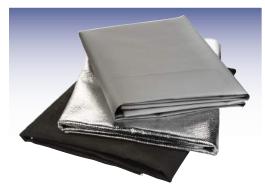
The choice of welding blanket to be used depends on the type of risk, the user frequency, the mechanical load, the proximity of the spark source and various environmental factors. In most cases, for the best possible protection, it is necessary to use a customised solution. CEPRO offers you a wide selection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













SPARKS AND SPATTER Premium blankets



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	J 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



Premium welding blankets

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



- 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

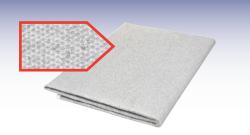
Olympus welding blar 90 x 100cm	nket 56.50.91
Olympus welding blar 90 x 200cm	nket 56.50.92
Olympus welding blar 180 x 200cm	nket 56.50.95
Olympus welding blar 180 x 300cm	nket 56.50.96
Olympus welding blar 270 x 300cm	nket 56.50.97
Width 90cm, part of a not lock stitched	rol, 56.50.09.0900

Width 90cm, full roll 50m1 56.50.09.0950

Made to size, lock stitched at the

cutting borders 56.50.90

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.

56.50.71	Hercules welding blanket 100 x 100cm
56.50.72	Hercules welding blanket 200 x 100cm
56.50.75	Hercules welding blanket 200 x 200cm
56.50.76	Hercules welding blanket 200 x 300cm
56.50.77	Hercules welding blanket 300 x 300cm
56.50.78	Hercules welding blanket 400 x 300cm
56.50.79	Hercules welding blanket 400 x 400cm
l, .50.07.1000	Width 100cm, part of a roll ock stitched 56
1 ¹ . 50.07.1025	Nidth 100cm, full roll 25m 56

Made to size, lock stitched at the

56.50.70

cutting borders

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	56.53.21
Sirius welding blanket 200 x 100cm	56.53.22
Sirius welding blanket 200 x 200cm	56.53.25
Sirius welding blanket 200 x 300cm	56.53.26
Sirius welding blanket 300 x 300cm	56.53.27
Width 100cm, part of a rol, not lock stitched 56.5 3	3.02.1000
Width 100cm, full roll 25m ¹ 56.5 5	3.02.1025
Made to size, lock stitched a cutting borders	t the 56.53.20

SPARKS AND SPATTER Premium welding blankets



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

56.53.82

Thetis welding blanket

200 x 200cm **56.53.85**

Thetis welding blanket

200 x 300cm **56.53.86**

Width 100cm, part of a rol,

not lock stitched **56.53.08.1000**

Width 100cm, full roll 25m1

56.53.08.1025

Made to size, lock stitched at the cutting borders **56.53.80**

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 50m1

56.55.10.1050

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 50m1

56.51.01.1050

Ready-made blankets can be supplied on request













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	d 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













Basic welding blankets

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

ALLROUND BLANKET

NEOPRENE COATED OIL, GREASE, ACID RESISTANT



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

4				
			_	
	DAI	LAG		

- 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.



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.

Leto welding blanket 90 x 100cm 56.51.91 Leto welding blanket

90 x 200cm 56.51.92 Leto welding blanket

180 x 200cm 56.51.95

Leto welding blanket 180 x 300cm 56.51.96

Leto welding blanket 270 x 300cm

Width 90cm, part of a rol, 56.51.09.0900 not lock stitched

Width 90cm, full roll 50m1

56.51.09.0950

56.51.97

Made to size, lock stitched at the cutting borders 56.51.90 Pallas welding blanket 100 x 100cm 56.50.41 Pallas welding blanket 200 x 100cm 56.50.42 Pallas welding blanket 200 x 200cm 56.50.45 Pallas welding blanket 200 x 300cm 56.50.46 Pallas welding blanket 300 x 300cm 56.50.47 Pallas welding blanket 400 x 300cm 56.50.48 Pallas welding blanket 400 x 400cm 56.50.49

Width 100cm, part of a rol,

not lock stitched 56.50.04.1000

Width 100cm, full roll 25m1

56.50.04.1025

Made to size, lock stitched at the cutting borders 56.50.40 Width 100cm, full roll 50m1

56.59.14.1050

Ready-made blankets can be supplied on request

Basic welding blankets



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	

Asteria welding blanket 200 x 200cm

Asteria welding blanket

200 x 300cm

Width 100cm, part of a rol, not lock stitched **56.53.07.1000**

Width 100cm, full roll 25m1

56.53.07.1025

56.53.72

56.53.75

56.53.76

Made to size, lock stitched at the cutting borders **56.53.70**

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 56.50.11 Atlas welding blanket 200 x 100cm 56.50.12

Atlas welding blanket 200 x 200cm

200 x 200cm **56.50.15**Atlas welding blanket

200 x 300cm

Atlas welding blanket 300 x 300cm 56.50.17

Atlas welding blanket

400 x 300cm **56.50.18**

Atlas welding blanket 400 x 400cm

100 x 400cm 56.50.19

Width 100cm, part of a rol,

not lock stitched **56.50.05.1000**

Width 100cm, full roll 25m1

56.50.05.1025

56.50.16

Width 150 m, part of a rol,

not lock stitched **56.50.05.1500**

Width 150cm, full roll 50m1

56.50.05.1550

Made to size, lock stitched at the cutting borders **56.50.10**

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.

56.50.61
56.50.62
56.50.65
56.50.66
56.50.67
56.50.68

400 x 400cm **56.50.69**

Width 100cm, part of a rol, not lock stitched **56.50.06.1000**

Width 100cm, full roll 25m¹

Kronos welding blanket

56.50.06.1025

Width 150cm, part of a rol,

not lock stitched **56.50.06.1500**

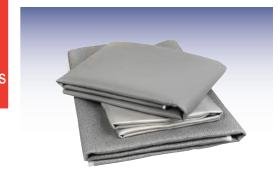
Width 150cm, full roll 50m1

56.50.06.1550

Made to size, lock stitched at the cutting borders **56.50.60**



SPARKS AND SPATTER Economy welding blankets



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



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











Economy welding blankets



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/m²

Athena welding blanket 100 x 100cm	56.52.21
Athena welding blanket 200 x 100cm	56.52.22
Athena welding blanket 200 x 200cm	56.52.25
Athena welding blanket 200 x 300cm	56.52.26
Athena welding blanket 300 x 300cm	56.52.27
Width 100cm, part of a rol, not lock stitched 56.5 2	2.02.1000
Width 100cm, full roll 50m ¹ 56.5	2.02.1050
Made to size, lock stitched a cutting borders	at the 56.52.20

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/m².

Width 100cm, full roll 50m1

56.50.02.1050

Ready-made blankets can be supplied on request

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/m².

Width 100cm, full roll 50m1

56.52.06.1050

Ready-made blankets can be supplied on request



SPARKS AND SPATTER Saturn welding blankets

SATURN WELDING BLANKETS

Saturn welding blankets have a very high peak temperature resistance and are relatively light-weight. With the addes 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.













SPARKS AND SPATTER Saturn welding blankets



CEPRO SATURN WELDING BLANKETS

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

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

ALLROUND BLANKET MADE FROM CARBON FELT

LIGHT-WEIGHT BLANKET MADE FROM CARBON FELT

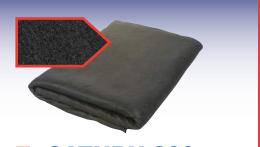


SATURN 420

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

Saturn welding blanket

56.57.12
t 56.57.15
t 56.57.16
56.57.01.2050
9 56.57.01.2010
56.57.01.2000



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	56.57.92
Saturn welding blanke 200 x 200 cm	t 56.57.95
Saturn welding blanke 200 x 300 cm	t 56.57.96
Saturn rol 200 cm wide roll length 50 meter	
Saturn rol 200 cm wide roll length 10 meter	
Saturn part of a roll 200cm wide	56.57.00.2000



Special blankets

CEPRO SPECIAL BLANKETS



FIRE BLANKETS

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



PROTECTION COVERS

• Suitable for maintenance to cars and trucks.



DOOR SLEEVE

- Suitable for cars and trucks.
- Glass fibre (filament)
- 1 side PU coating
- Temperature resistance 550 °C
- Material weight 690 gram/m².

Fire blanket in container 120 x 120cm 53.21.12 Fire blanket in container 180 x 120cm 53.21.14 Fire blanket in container 180 x 150cm 53.21.15

Fire blanket in container

180 x 180cm

53.21.16

Protection cover 200 x 200cm. glass fibre, including 10 magnets, material weight 690 gram/m²,

59.06.00.0007

Protection cover 180 x 200cm silica fibre, material weight 1.220 gram/m²

56.50.95

Door sleeve 150 x 125 cm

59.06.00.0001

SPARKS AND SPATTER Accessoiries



CEPRO ACCESSOIRIES



BRASS EYELETS

• Diameter eyelet 10mm Ø



VELCRO

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



MAGNETS

- Diameter magnet 45mm Ø
- Thickness 9mm

Brass eyelets, pressed into the fabric 50.01.10

Velcro, hook part stitched with Kevlar 50.05.20.9910 Velcro, hook part 50.05.20.0010 self adhesive Velcro, loop part stitched with Kevlar 50.05.20.9920 Velcro, loop part stitched with Kevlar 50.05.20.0020 Magnets, pressed into the fabric 50.10.09.0045



SPARKS AND SPATTER Insulation products

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.

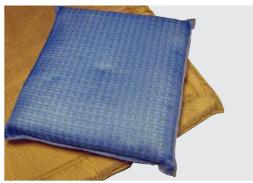
Technical information

- 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).













Insulation products



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



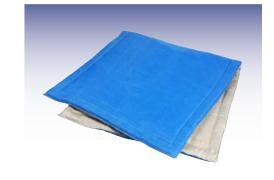
CEPRO INSULATION BLANKETS

 100 x 200cm, thickness 3cm
 57.50.23.10

 200 x 200cm, thickness 3cm
 57.50.23.20

 100 x 200cm, thickness 6cm
 57.50.26.10

 200 x 200cm, thickness 6cm
 57.50.26.20





SPARKS AND SPATTER Grinding curtains

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 1m²
- 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. 25m² (connectable for larger areas)
- · custom-made curtains are not returnable













Grinding curtains



▶ 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

	0.22 0.24 0.26 0.28
H. 300cm x 140cm 16.10. Custom-made curtain 16.10.	0.30





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.





SPARKS AND SPATTERS Grinding strips

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.













SPARKS AND SPATTERS Grinding strips



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

300 x 2mm cut to size and punched according to the CEPRO pattern minimum length 150cm 300 x 3mm cut to size and punched according to the CEPRO pattern minimum length 150cm

26.20.03.91





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.







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WELDING SCREENS



WELDING BOOTHS GRINDING BOOTHS



OUTDOOR **WELDING**

