ACCESSORIES

44-3006LB, 44-3006LB/PR

- High heat reflective handshield
- Split cowhide leather back with ***aluminized PFR front***
- Also available in pairs (44-3006LB/PR)

KEVLAR® 5 ply

15 cm. 20 cm.

All handshields:
EN ISO 11611:2015
TÜV 60353593-002

CE

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44-3008LB

- High heat reflective handshield
- Split cowhide leather back with ***fiber glass front***
- Extra heat resistant

15 cm. 20 cm.

KEVLAR® 5 ply

44-3009BF

- High heat reflective handshield
- ***Black coated fiber glass back with fiber glass front***
- Heavy duty handshield for the toughest applications

15 cm. 20 cm.

KEVLAR® 5 ply

10-1099

- TIG finger
- For extra protection
- For extra stability in position welding
- Silica fabric
- With hook and loop

KEVLAR® 3 ply

∅ 3,5 cm. 16 cm.

10-1911/UL

Glove Medic™

- **10-1911/UL**
  Repair & reinforcement kit for unlined gloves such as TIG welding, drivers and mechanic gloves.

- **10-2911/LI**
  Repair & reinforcement kit for lined gloves such as stick or MIG welders, heavy duty work, heat resistant gloves.

Caution: *For certified gloves, check ratings before operation. For non-certified gloves, owner is responsible to ensure proper protection before operation.*

10-2911/LI

WELDING PILLOWS

44-7900

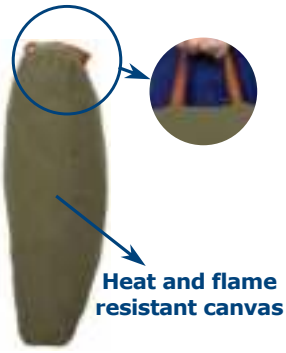
- 50 x 50 x 8 cm.
- KEVLAR® 3 ply

44-7905

- 39 x 33 x 3 cm.
- KEVLAR® 3 ply

44-7910

- 50 x 50 x 8 cm.
- KEVLAR® 3 ply

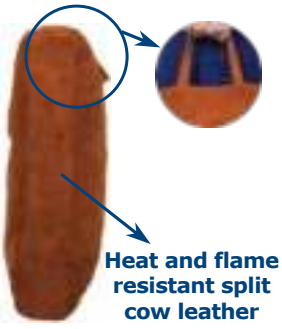


44-7915

- 39 x 33 x 3 cm.
- KEVLAR® 3 ply

44-7920

- 50 x 50 x 8 cm.
- KEVLAR® 3 ply



44-7925

- 39 x 33 x 3 cm.
- KEVLAR® 3 ply

PYTHONrap™ CABLE COVERS

T = Tube

44-xxxxT

44-1022T	22 mm dia	1 m length lightbrown leather cable cover
44-1027T	27 mm dia	1 m length lightbrown leather cable cover

V = Hook and loop

44-xxxxV

44-0550V	50 mm dia	5 m length lightbrown leather cable cover
44-1050V	50 mm dia	10 m length lightbrown leather cable cover

44-5030V/MTR	30 mm dia	Lightbrown leather cable cover PER METER
		1 roll = 50 mtr.
44-5050V/MTR	50 mm dia	Lightbrown leather cable cover PER METER
		1 roll = 50 mtr.

Z = Zipper

44-xxxxZ

44-3001Z	22 mm dia	1 m length lightbrown leather cable cover
44-3010Z	22 mm dia	3 m length lightbrown leather cable cover
44-3022Z	22 mm dia	6,7 m length lightbrown leather cable cover
44-3922Z	22 mm dia	3,9 m length lightbrown leather cable cover
44-3928Z	28 mm dia	3,9 m length lightbrown leather cable cover
44-7922Z	22 mm dia	7,9 m length lightbrown leather cable cover
44-7928Z	28 mm dia	7,9 m length lightbrown leather cable cover
44-4001Z	32 mm dia	1 m length lightbrown leather cable cover
44-4525Z	37 mm dia	2,5 m length lightbrown leather cable cover
44-4535Z	37 mm dia	3,5 m length lightbrown leather cable cover

44-xxxxZ

44-3601Z	22 mm dia	1 m length black grain leather cable cover
44-3628Z	28 mm dia	1 m length black grain leather cable cover

44-xxxxZ

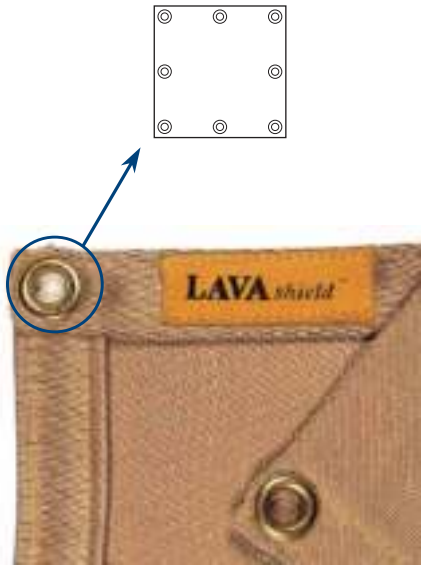
44-4023Z	23 mm dia	4 m length black flame retardant nylon cable cover
44-4028Z	28 mm dia	4 m length black flame retardant nylon cable cover
44-8023Z	23 mm dia	8 m length black flame retardant nylon cable cover
44-8028Z	28 mm dia	8 m length black flame retardant nylon cable cover

KEVLAR® 3 ply

Other length / diameter combinations on request

LAVAshield® WELDING BLANKETS

50-1866



- Silica fabric
- 174 x 174 cm.
- ± 1000°C
- ± 600 gr./m²
- KEVLAR® 3 ply

50-2368/2468

- Black fiberglass
- Neoprene / neoprene coating
- 174 x 234 cm.
- ± 550°C
- ± 800 gr./m²
- KEVLAR® 3 ply

50-3068

- Gold fiberglass
- Acryl / neoprene coating
- 174 x 234 cm.
- ± 550°C
- ± 1000 gr./m²
- KEVLAR® 3 ply

50-2472 Per meter

- Black fiberglass
- Neoprene / neoprene coating
- Not locked stitched
- Without grommets
- Width ± 183 cm.
- Total roll length ± 45 mtr.
- ± 550°C
- ± 800 gr./m²

50-3072 Per meter

- Gold fiberglass
- Acryl / neoprene coating
- Not locked stitched
- Without grommets
- Width ± 183 cm.
- Total roll length ± 45 mtr.
- ± 550°C
- ± 1000 gr./m²

LAVAshield®

ISO 9150:1988-12

TÜV 21278287 001

CE

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LAVAshield® WELDING SCREENS

55-6166 Orange/Red 1.74 x 1.74 mtr.

Fits within frame 1.8 x 1.8 mtr.

- Heat sealed seams and grommets
- Nylon ties are furnished for convenience and secure fastening to the quick connection Weldas® *COMBOframe*™: 55-8668

28 pcs. plastic grommets

LAVAshield®

DIN EN ISO 25980:2015-01
13821-PZA-17

CE

www.weldas.com

55-6168 Orange/Red 1.74 x 2.34 mtr.

Fits within frame 1.8 x 2.4 mtr.

- Heat sealed seams and grommets
- Nylon ties are furnished for convenience and secure fastening to the quick connection Weldas® *COMBOframe*™: 55-8668

32 pcs. plastic grommets

LAVAshield®

DIN EN ISO 25980:2015-01
13821-PZA-17

CE

www.weldas.com

55-7166 Green 1.74 x 1.74 mtr.

Fits within frame 1.8 x 1.8 mtr.

- Heat sealed seams and grommets
- Nylon ties are furnished for convenience and secure fastening to the quick connection Weldas® *COMBOframe*™: 55-8668

28 pcs. plastic grommets

LAVAshield®

DIN EN ISO 25980:2015-01
13822-PZA-17

CE

www.weldas.com

55-7168 Green 1.74 x 2.34 mtr.

Fits within frame 1.8 x 2.4 mtr.

- Heat sealed seams and grommets
- Nylon ties are furnished for convenience and secure fastening to the quick connection Weldas® *COMBOframe*™: 55-8668

32 pcs. plastic grommets

LAVAshield®

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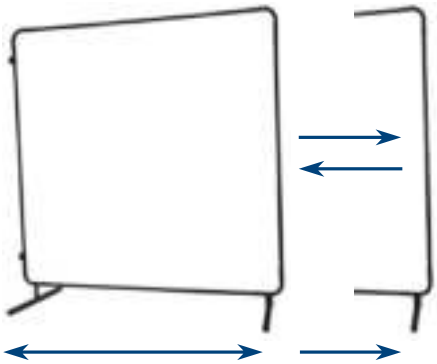
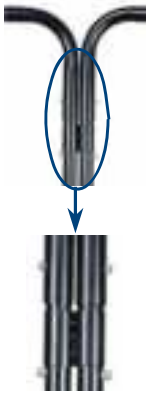
COMBOframe™ MODULAR FRAME

55-8668



1.8 x 1.8 mtr. 1.8 x 2.4 mtr.



55-8668	1.8 x 1.8 mtr. / 1.8 x 2.4 mtr.

- Weldas® *COMBOframe*™ suitable for the welding screens: 55-6166, 55-6168, 55-7166, 55-7168
- Will be delivered as only frame (incl. swivelset), without screens

COMBOframe™

LAVAshield® WELDING SCREENS PER METER

55-6166/MTR Orange/Red

- Heat sealed seam and grommets at one side
- Distance between grommets ± 20 cm.
- Will be delivered together with rings Ø 50 mm.
- Height ± 1.78 mtr.
- Total roll length ± 27 mtr.

LAVAshield®

DIN EN ISO 25980:2015-01
13821-PZA-17

CE

www.weldas.com

55-7166/MTR Green

- Heat sealed seam and grommets at one side
- Distance between grommets ± 20 cm.
- Will be delivered together with rings Ø 50 mm.
- Height ± 1.78 mtr.
- Total roll length ± 27 mtr.

LAVAshield®

DIN EN ISO 25980:2015-01
13822-PZA-17

CE

www.weldas.com

LAVAshield® ECONO STRIP SCREENS

55-6166/Strip Orange/Red

0.68 x 1.8 mtr.

- Will be delivered together with 5 rings Ø 50 mm.

LAVAshield®

DIN EN ISO 25980:2015-01
13821-PZA-17

CE

www.weldas.com

55-7166/Strip Green

0.68 x 1.8 mtr.

- Will be delivered together with 5 rings Ø 50 mm.

LAVAshield®

DIN EN ISO 25980:2015-01
13822-PZA-17

CE

www.weldas.com

LAVAshield® CONNECTABLE WELDING SCREENS

55-6218 Orange/Red

1.37 x 1.8 mtr.

- Connectable welding screen
- Heat sealed seams
- Will be delivered together with 9 rings Ø 50 mm.

LAVAshield®

DIN EN ISO 25980:2015-01
13821-PZA-17

CE

www.weldas.com

55-7218 Green

1.37 x 1.8 mtr.

- Connectable welding screen
- Heat sealed seams
- Will be delivered together with 9 rings Ø 50 mm.

LAVAshield®

DIN EN ISO 25980:2015-01
13822-PZA-17

CE

www.weldas.com

SELECTION CRITERIA

In order to make the right choice in a type and/or model of a personal protection product the user should make for himself selection criteria in order to come up with the best choice for his/her situation.
Weldas wants to help with that by giving you a number of selection criteria to start by making the right choice.
Please read for that the 2 following pages carefully.

General selection criteria for leather products such as welding gloves and welding clothing

Choosing the right product is always important to make the workplace productive but also safe.
The factors to consider include one or more of the following arguments:

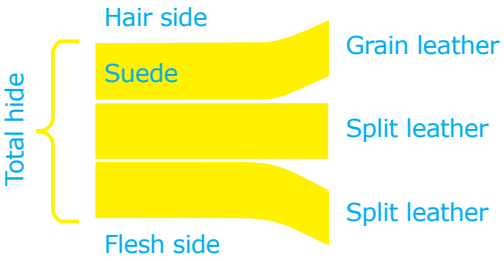
- Protection arguments: resistant to heat, flame, molten splashes, UV, electricity and punctures.
- Health arguments: values of pH, Chromium, PCP or other substances that needs to be within limits.
- Durability arguments: values of abrasion resistance, tensile strength, tear resistance, heat related dimensional change resistance, reinforced seams and stress points as well as thread strength and flame resistance.
- Comfort arguments: the right sizing and fit, dexterity, fingertip sensitivity, weight, sweat vapor transmission and absorption and climate and oil resistant.

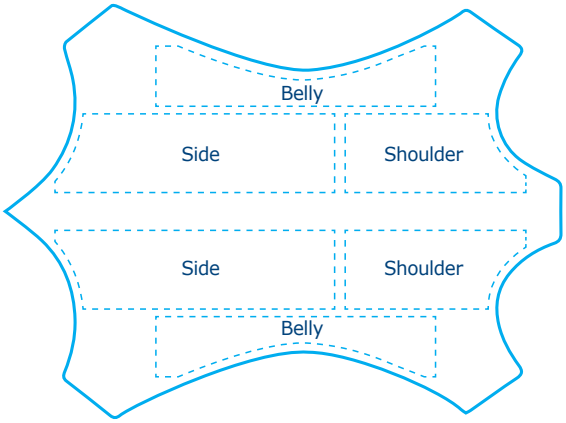
Type of leather selection criteria for leather products such as welding gloves and welding clothing:

Type of leather	*Features*
Split cow leather	Heat & flame resistant, material breaths because of open structure, also low priced
Grain cow leather	Pliable and strong, water and oil resistant
Suede (reversed) pig leather	Soft and comfortable and mostly lower priced than other leathers
Grain deer leather	Fit and dexterity and, with that, very good comfort as well as water and oil resistant
Grain goat leather	Fit and dexterity, light weight and very good comfort as well as water and oil resistant
Grain bison leather	Fit and dexterity, very good comfort, high mechanical value as well as water and oil resistant

Leather grades and terminology:

Different portions of the hide of an animal have different characteristics: the side offers the best strength and most constant quality, the shoulder offers good strength and pliability, the belly is the lowest in quality but also the most economical.





Choice of thumb design:

Straight thumb	*Wing thumb*	*Keystone thumb*
		
For extra sensitivity and/or extra welding gun grip	For seamless palm durability	For comfortable fit

Note on thumb/palm design: extra durability and/or cut resistance can be achieved by adding an extra reinforcement around thumb and/or on palm of the glove.

Remark: the choice of materials and design for welding gloves and clothing but also for other products out of the Weldas product program always depend on what the applicable European norm desires. For that reason our products are tested and certified by a, by the European Union approved, test and certification laboratory. All test reports and certificates can be found on our special CE website:

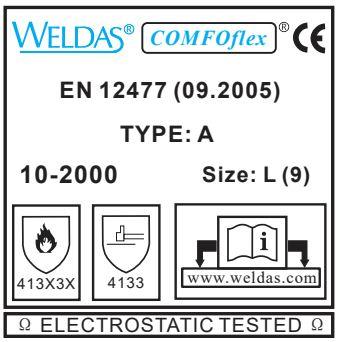
www.weldas-ce.com

Weldas offers a lot of information through it's catalog, website and other means of publication in order to help the user to make the right choice of product for it's personal protection but it is and will always be the responsability of the user what product he/she does choose.

INFORMATION ON EUROPEAN NORMS

In 1989 the council of the European community agreed on the directive 89/686/EEC which requires employers to use the appropriate personal protective equipment (PPE). As of April 21, 2018 the Regulation (EU) 2016/425 repealed the directive 89/686/EEC. All products used for personal protection must be marked with the appropriate basic CE marking and extended if the applicable norm does ask for it and according to it's intended use.
The regulation recognizes 3 levels of protection and the products to go with these levels:

Example of imprint of a Weldas® certified glove:



Category I
Category I includes exclusively the following minimal risks:
(a) superficial mechanical injury; (b) contact with cleaning materials of weak action or prolonged contact with water; (c) contact with hot surfaces not exceeding 50 °C;
(d) damage to the eyes due to exposure to sunlight (other than during observation of the sun);
(e) atmospheric conditions that are not of an extreme nature.

Category II
Category II includes risks other than those listed in Categories I and III;

Category III
Category III includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health relating to the following:
(a) substances and mixtures which are hazardous to health; (b) atmospheres with oxygen deficiency; (c) harmful biological agents; (d) ionising radiation; (e) high-temperature environments the effects of which are comparable to those of an air temperature of at least 100 °C;
(f) low-temperature environments the effects of which are comparable to those of an air temperature of – 50 °C or less;
(g) falling from a height; (h) electric shock and live working; (i) drowning; (j) cuts by hand-held chainsaws;
(k) high-pressure jets; (l) bullet wounds or knife stabs; (m) harmful noise.

Basic norms and pictograms used for personal protection:

EN 420 norm on sizing of gloves: see page 9 of this catalogue.

EN 388 norm on mechanical risks for gloves:

Digit	Test Resistance	Level 1	Level 2	Level 3	Level 4	Level 5	
1st	Abrasion (# cycles)	100	500	2000	8000	-	
2nd	Blade Cut (index)	1,2	2,5	5,0	10,0	20,0	
3rd	Tear (Newton)	10	25	50	75	-	
4th	Puncture (Newton)	20	60	100	150	-	
5th	TDM Cut resistance (Newton)	A 2	B 5	C 10	D 15	E 22	F 30

EN 407 norm thermal risks for gloves:

Digit	Test Resistance	Digit	Test Resistance
1st	Burning behaviour	5th	Small splashes of molten metal
2nd	Contact heat		
3rd	Convective heat	6th	Large quantities of molten metal
4th	Radiant heat		

EN 12477 norm on welding gloves and allied processes:

Minimum requirements	according to EN....	Type A Minimum Rating		Type B Minimum Rating	
Electrical Insulation	pr1149-2		R≥10^6Ω		R≥10^5Ω
Abrasion Resistance	EN 388	2	500 cycles	1	100 cycles
Blade Cut Resistance	EN 388	1	Index 1,2	1	Index 1,2
Tear Resistance	EN 388	2	25 N	1	10 N
Puncture Resistance	EN 388	2	60 N	1	20 N
Burning Behaviour	EN 407	3		2	
Contact Heat Resistance	EN 407	1	100° C	1	100° C
Convective Heat Resistance	EN 407	2	HTI≥7	0	
Small Molten Splash Resistance	EN 407	3	25 Droplets	2	15 Droplets
Dexterity (pick up of rod dia.)	EN 420	1	≤11mm	4	≤6,5mm

EN 11611 norm on welding clothing and allied processes:

Requirement(s)	Class 1	Class 2
Tensile strength — woven outer textile material — leather	400 N 80 N	
Tear strength	20 N	
Dimensional change of woven textile materials Dimensional change of knitted textile materials	≤ ± 3 % ≤ ± 5 %	
Flame spread [a] : For ISO 15025:2000, Procedure B, this requirement is not applicable.	ISO 15025:2000, Procedure A,(surface ignition) ; ISO 15025:2000, Procedure B, (edge ignition) No flaming to the top or either side edge; No hole formation a; No flaming or molten debris Mean afterflame ≤ 2 s; Mean afterglow ≤ 2 s	
Impact of spatter	15 drops	25 drops
Heat transfer (radiation)	RHTI 24 W 7	RHTI 24 W 16
Burst strength	200kPa	
Seam strength — textile material — leather	225 N 110 N	
Electrical resistance	>10^5Ω	
Innocuousness	See 6.11	
Leather	Fat content: ≤ 15 %	