MANUAL

This product is in compliance with the regulation (EU) 2016/425

WELDAS PRODUCT: 23-6630

EN ISO 11611:2015, Class 2/A1+A2

EN ISO 11611:2015 is a harmonized standard according to the official EU journal

Clothing type: Hoods

Size: see imprint on the product

Intended use:

General:
This product is intended to be used for all arc welding processes like MMA, MIG/MAG, TIG, micro plasma, spot and gas welding as well as plasma and oxygen cutting, gouging, brazing and thermal arc spraying. Because applications vary, it is the user's responsibility to identify the right product for each application.

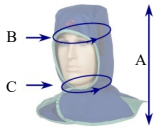
Identified hazards:
With the welding processes of intended use the following hazards are indentified: flames, spatter of molten material, radiant heat as well as short term electrical shock.

High voltage:
This product protects against short term electrical shock and not against long term high voltages! Welding and cutting machines can cause these so follow the safety instructions of the machines used as well! When there is an increased risk of shock or electrical live parts additional electrical isolation will be required as is indicated under 6.10 of the EN11611 for protection against live electrical conductors up to 100 V = (DC).

Body protection in all positions:
This product protects in certain positions of working and welding. It could be possible that extra protection products are required. It is the responsibility of the user to identify that.

Additional garments:
Additional garments shall meet at least Class 1 of the EN11611.

Sizing according to: EN ISO 13688 (in CM).



	A	B	C
23-6630L	41	64	42-53
23-6630XL	44	68	52-65

Improper use:

Level of protection:
The level of protection will be reduced if the welders protective clothing is contaminated with flammable materials.

Level of oxygen:
Increase of oxygen in the air will reduce considaribly the protection of the welders protective clothing against flame. Care should be taken when welding in confined places. Air enriched with oxygen will be dangerous!

Electrical isolation:
The electrical isolation provided by the clothing will be reduced when the clothing is wet, dirty or soaked in sweat.

Use of 2-piece clothing:
When 2-piece clothing is used both items shall be worn together to provide the specified level of protection

Additional body protection during welding:
Additional body protection used with this product during welding must meet the appropriate EN standard for welding hazards.

Limitations for use:
This flame retardant cotton / leather work clothing to be used for general labour activities as well as welding. User has to see to it that all closures are closed specially for use with welding applications and the choice of the right size. If molten metal stick to the clothing, the user needs to remove the clothing immediately. If the user observes symptoms similar to sunburn, UV radiation come through the product. In that case, the product needs to be repaired or replaced. The user should think about it that there might be more protective layers needed in the future.

Materials used:
3 ply KEVLAR® for manufacturing this product and hook and loop fastening materials for the closures.
Side split cowhide in combination with 520 gr/m² flame retardant fabric.

Health information: The pH, Chromium (VI) and PCP levels of all materials have been tested and meet CE health standards. Coloring: coloring is done by using natural materials

Washing, drying and ironing: No washing, tumble drying and ironing is allowed.

Storage:
Store dry, dark and at temperatures between 10° and 20° Celcius. Do not stack higher than 5 cartons on 1 pallet.

Ageing:
changing of the product performance over time during use or storage
Note 1 to entry: Ageing is caused by a combination of several factors, such as the following:
- cleaning, maintenance, or disinfecting process;
- exposure to visible and/or ultraviolet radiation;
- exposure to high or low temperatures or to changing temperatures;
- exposure to chemicals including humidity;
- exposure to biological agents such as bacteria, fungi, insects, or other pests;
- exposure to mechanical action such as abrasion, flexing, pressure, and strain;
- exposure to contaminants such as dirt, oil, splashes of molten metal, etc.;
- exposure to wear and tear.

Each product contains a label with a unique code for traceability of the production process.

Warrantee:
This product is warranted against manufacturing defects.
If the product can be repaired, it needs to be done by the manufacturer.

Remove:
Once this product can't be used anymore, it is the responsibility of the user to remove this product in an environmental way. Disposal according to local regulations.

Durability: The service life depends on the degree of wear and use intensity in the respective application areas. Temporal information is therefore not possible.

Climate according to clause 6.10:
Conditioning and testing of the samples was carried out at a temperature of (20 ±2) °C and relative humidity of (85 ± 5) %.

The following explains the pictogram marked on this product:

General safety requirements

Subclause	Requirement	Class 1	Class 2
6.2	Tensile strength: woven outer textile material Tensile strength: leather	400 N 80 N	400 N 80 N
6.3	Tear strength: woven outer textile material Tear strength: leather	15 N 15 N	20 N 20 N
6.4	Burst strength: test area of 7,3 cm^2 Burst strength: test area of 50 cm^2	200 kPa 100 kPa	200 kPa 100 kPa
6.5	Seam strength: textile material Seam strength: leather	225 N 225 N	225 N 225 N
6.6	Dimensional change of woven textile materials Dimensional change of knitted textile materials	≤ ± 3 % ≤ ± 5 %	≤ ± 3 % ≤ ± 5 %
6.7	Flame spread Procedure A - mandatory Procedure B - optional	ISO 15025, Procedure A (surface ignition) ISO 15025, Procedure B (edge ignition) No specimen shall permit any part of the lowest boundary of any flame to reach the upper or either vertical edge. No hole formation [a] No flaming or molten debris Mean afterflame ≤2 s Mean afterglow ≤2 s	ISO 15025, Procedure A (surface ignition) ISO 15025, Procedure B (edge ignition) No specimen shall permit any part of the lowest boundary of any flame to reach the upper or either vertical edge. No hole formation [a] No flaming or molten debris Mean afterflame ≤2 s Mean afterglow ≤2 s
6.8	Impact of spatter	15 drops	25 drops
6.9	Heat transfer (radiation)	RHTI 24 W ≥ 7,0	RHTI 24 W ≥ 16,0
6.10	Electrical resistance	> 10^5 Ω	> 10^5 Ω
6.11	Requirements for leather: fat content	≤ 15 %	≤ 15 %

[a] For ISO 15025:2000, Procedure B, this requirement is not applicable

Attention: Declaration of conformity, test report, certificate, manual: www.weldas-ce.com

Weldas gloves and clothing have been tested and certified at TÜV Rheinland LGA Products GmbH, Germany (EU no. 0197).

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