

# WELDAS®

The Professional's Choice



## DEERSOsoft®

### Part # 10-2850

Deerskin offers best comfort and pliability. All prestigious gloves feature sweat and heat absorbent **COMFOflex®** lined back, reinforced thumb and palm patch, 4-ply Kevlar® stitching minimizing burnout, and an unlined palm for maximum dexterity.



### Applications

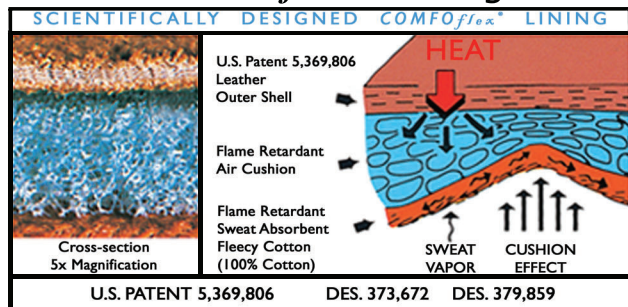
Medium / Heavy Duty Welding & Cutting

### Testing



Meets  
ANSI/AWS Z49.1

#### COMFOflex® Lining



#### Flame Retardant Lining



### Features & Benefits

- U.S. Patent 5,369,806, DES. 373,672
- Flame Retardant Air-Cushioned Lining (Back of hand)
- Material: Flexible Grain/Reverse Deerskin Heavy Duty Cowhide cuff, FR cotton lined **COMFOflex®** Lining back of hand 4 ply Kevlar® Sewn
- Other Features: Continuously leather welted seams minimize burnout, unlined palm for superior precision

Part #	Size	UPC
10-2850S	Small	726223128506
10-2850M	Medium	726223228503
10-2850L	Large	726223328500
10-2850XL	XLarge	726223428507
10-2850XXL	XXLarge	726223528504



MANUAL

WELDAS PRODUCT:  
10-2850

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

EN12477:2001+A1:2005, Type A

Glove type: welding glove

Trade mark: **DEERSOsoft**® **COMFOflex**®

Size: see imprint on glove

**Sizing according to EN420 : 2003 + A1 : 2009**

Hand Size Index	9	9½
Weldas Size Label	L	XL
Measurement in mm	229	241
Total length of glove in mm	330	340



**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

**Instruction for use:**

This glove is intended to be used as a welding glove for MIG/MAG as well as electrode welding.  
There is no standardised test method at present for detecting U.V. penetration of materials for gloves but the current methods of construction of protective gloves for welders do not normally allow penetration of U.V. radiation.  
With arc welding installations, it is not possible to protect all parts conducting the welding voltage against direct contact for operational reasons.  
The service life depends on the degree of wear and use intensity in the respective application areas. Temporal information is therefore not possible.  
This glove should not be worn when there is a risk of entanglement by moving parts of machines.

**Warranty:**

This product is warranted against manufacturing defects.  
Because applications vary, it is the user's responsibility to identify the right product for each application.

**Washing, drying and ironing:**

No washing, tumble drying and ironing is allowed.

**UV:**

Within this norm there is no test method indicated on UV radiation but, normally, this will give no problem with these materials used.

**Electrical danger:**

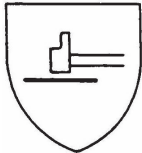
When gloves are intended for arc welding; these gloves do not provide protection against electric shock caused by defective equipment or live working, and the electrical resistance is reduced if gloves are wet, dirty or soaked with sweat, this could increase the risk.

**Materials used:**

This glove is made of grain/split deerskin which is pliable and stretchable.  
The palm is constructed with the grain side facing the palm and the suede side facing outward for maximum sensitivity and grip.  
The glove back is lined with a layer of split deerskin and the **COMFOflex**® lining.  
This glove is sewn with 4 and 5 ply Dupont KEVLAR®.  
The cuff is made of puncture resistant split cowhide and the inner cuff is lined with flame retardant fabric for safety.

**The following explains the pictograms marked on the glove:**

**Mechanical risks: EN 388:2016 + A1 : 2018**



2143X

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 (N)	A	B	C	D	E
		2	5	10	15	22
						F
						30

**Thermal risks: EN 12477 : 2001+A1 : 2005**



413X4X

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		

If indication on product is "X": than the indicated position has not been tested

**EN12477 : 2001 + A1 2005: Protective gloves for welders (minimum requirements)**

Requirements	EN	Type A		Type B	
		Minimum Rating	Minimum Rating	Minimum Rating	Minimum Rating
Electrical Insulation	pr1149-2		R≥10 <sup>6</sup> Ω		R≥10 <sup>5</sup> Ω
Abrasion Resistance	EN388	2	500 cycles	1	100 cycles
Blade Cut Resistance	EN388	1	Index 1,2	1	Index 1,2
Tear Resistance	EN388	2	25 N	1	10 N
Puncture Resistance	EN388	2	60 N	1	20 N
Burning Behaviour	EN407	3		2	
Contact Heat Resistance	EN407	1	100 C	1	100 C
Convective Heat Resistance	EN407	2	HTI≥7	0	
Small Molten Splash Resistance	EN407	3	25 Droplets	2	15 Droplets
Dexterity (pick up of rod dia.)	EN420	1	≤11mm	4	≤6,5mm

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

- 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.

DuPont™ and KEVLAR® are trademarks or registered trademarks of E.I.duPont de Nemours and Company, **COMFOflex**® and **DEERSOsoft**® are registered trademarks of Weldas company

**Storage:** Store dry and at temperatures over 5° Celcius. Do not stack higher than 5 cartons on 1 pallet

**Caution:** Weldas gloves and clothing have been tested and certified at TÜV Rheinland LGA Products GmbH Tillystraße 2, D-90431 Nürnberg, Germany (EU no. 0197).  
For more information on EN standards, testing methods, test reports, product certifications, and other products, please e-mail us at: [europa@weldas.eu](mailto:europa@weldas.eu) or visit our web site: [www.weldas.com](http://www.weldas.com)  
Declaration of conformity, test report, certificate, manual: [www.weldas-ce.com](http://www.weldas-ce.com)

**Address information Weldas:**

Weldas Co. 128 Seaboard Lane Franklin, TN 37067 U.S.A. e-mail: [info@weldas.com](mailto:info@weldas.com) 1-800-524-0162