

COMFOflex®

WELDING GLOVES



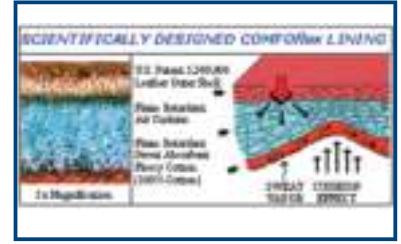
Cotton lining



Foam lining



COMFOflex® lining

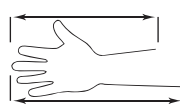


COMFOflex®

10-2000



S, L, XL, XXL
LH
L/18"



35 cm.

46 cm. (L/18")

- A-grade cow split leather
- Hand COMFOflex® lined
- Cuff cotton lined
- Wide body model
- Size L also available in Left Hand only pairs (LH) and 18" (46 cm.)



95%

KEVLAR® 4 ply + 5 ply

COMFOflex®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60153044 0001
TÜV 60399937 003

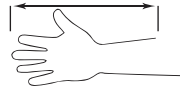


Ω ELECTROSTATIC TESTED Ω

10-2178



L



35 cm.

- Same features like the 10-2000 glove
- One finger model



95%

KEVLAR® 4 ply

COMFOflex®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60153044 0002
TÜV 60399937 003

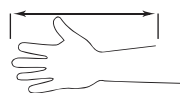


Ω ELECTROSTATIC TESTED Ω

10-2087



L, XL



35 cm.

- A-grade cow shoulder split leather
- Hand full COMFOflex® lined
- Cuff cotton lined
- Wide body model



95%

KEVLAR® 4 ply + 5 ply

COMFOflex®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152704 0001
TÜV 60400422 002

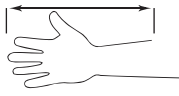


COMFOflex® WELDING GLOVES

10-2900-A



L, XL



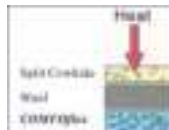
36 cm.

- A-grade cow split leather
- Hand COMFOflex® and wool lined
- Cuff flame retardant lined
- Wide body model



70%

KEVLAR® 4 ply + 5 ply



STEERSOtuff®

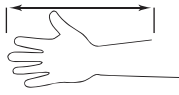
EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152711 0001
TÜV 60400498 002



10-2655



M, L, XL, XXL



37 cm.

- Hand bison leather
- Cuff split cowhide
- Inner back of the hand COMFOflex® lined
- Cuff flame retardant lined
- **CHROMIUM < 2 mg./kg.**



30%

KEVLAR® 4 ply + 5 ply



ThunderingBison™

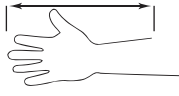
EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152714 0001
TÜV 60403193 003



10-2850



L, XL



36 cm.

- Grain and split deerskin
- Backhand COMFOflex® lined and inner cuff flame retardant lined
- Highest comfort level



30%

KEVLAR® 4 ply + 5 ply



DEERSOsoft®

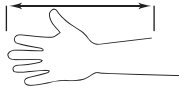
EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152709 0001
TÜV 60400523 002



10-2050



S, M, L,
XL, XXL



34 cm.

- Hand made of white grain cowhide and black split cowhide
- COMFOflex® lining at the back of the glove
- Flame retardant fabric 520 gr./m² for the cuff
- This glove is sewn with 3 ply Dupont™ KEVLAR®



20%

KEVLAR® 3 ply



Arc Knight®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152673 0001
TÜV 60403196 002



NEW

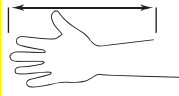
COMFOflex®

WELDING GLOVES

10-2750



L, XL, XXL



36 cm.

- A-grade cow grain leather
- Backhand **COMFOflex**® lined and cuff cotton lined
- Back palm reversed grain (suede)
- Oil and water resistant
- Excellent quality and comfortable to wear



30%

KEVLAR® 4 ply + 5 ply



STEERSOtuff®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152710 0001
TÜV 60400759 002



Ω ELECTROSTATIC TESTED Ω

10-2755



L, XL



36 cm.

- Combined features:
- on the back of our 10-2385
- and the innerhand of the 10-2750 with extra comfort padges
- Oil and water resistant
- Excellent quality and comfortable to wear



30%

KEVLAR® 4 ply + 5 ply



COMFOflex®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152707 0001
TÜV 60403152 003



10-2385



L, XL, XXL



35 cm.

- A-grade cow side split leather
- Hand full **COMFOflex**® lined and cuff full flame retardant lined
- Wide body model
- Aluminized back is designed to reflect radiant heat and has a layer of split deerskin in between the back and **COMFOflex**® lining



35%

KEVLAR® 4 ply



COMFOflex®

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152705 0001
TÜV 60400780 002



+



=



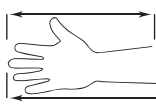
44-3006LB, 44-3008LB, 44-3009BF:
see page 39

COTTON LINED WELDING GLOVES

10-2392



S, L, XL, XXL,
XXXL, LH/L,
LH/XL
L/18"



34 cm.

46 cm. (L/18)

- Cow shoulder split leather
- Full cotton lined
- Straight thumb helps the user to handle a mig gun a lot better
- Size L also available in 18" (46 cm.)
- Size L and XL also available in Left Hand only pairs (LH)



95%

KEVLAR® 3 ply

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60153042 0001
TÜV 60400826 002



41324X



3243X



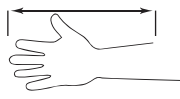
KAT II

Ω ELECTROSTATIC TESTED Ω

10-2392 MIT



L



34 cm.

- One finger model of glove 10-2392
- Cow shoulder split leather
- Full cotton lined



95%

KEVLAR® 3 ply

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60153042 0001
TÜV 60400826 002



41324X



3243X



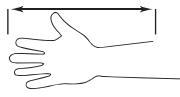
KAT II

Ω ELECTROSTATIC TESTED Ω

10-2392GB



L, XL



34 cm.

- Same as glove 10-2392, but *Golden Brown™* model
- Cow shoulder split leather
- Full cotton lined
- Straight thumb helps the user to handle a mig gun a lot better



95%

KEVLAR® 3 ply

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60153042 0001
TÜV 60400826 002



41324X



3243X



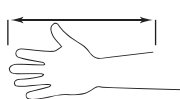
KAT II

Ω ELECTROSTATIC TESTED Ω

10-2150



L, XL



36 cm.

- Innerhand is made of cow grain leather to make it oil and water resistant
- All other parts of the glove are made of cow split leather
- Full cotton lined



95%

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152708 0001
TÜV 60403114 003



413X4X



3233X



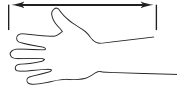
KAT II

COTTON LINED WELDING GLOVES

10-2101



S, L, XL, XXL
LH/L, LH/XL



34 cm.

- The 10-2101 is our general purpose glove of the range
- Cow shoulder split leather
- Full cotton lined
- Size L and XL also available in Left Hand only pairs (LH)



90%

EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152715 0001
TÜV 60400835 002



10-2101GB



L, XL



34 cm.

- Same as glove 10-2101, but *Golden Brown™* model
- Cow shoulder split leather
- Full cotton lined



90%

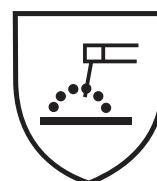
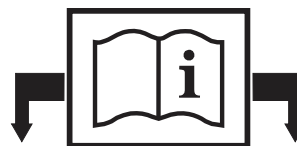
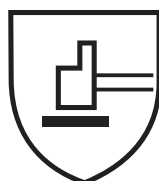
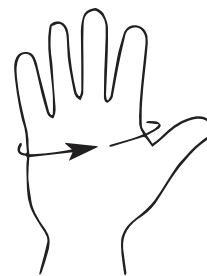
EN 12477 (2001+A1:2005) TYPE A
TÜV BP 60152715 0001
TÜV 60400835 002



Weldas sizing incorporates EN 420 size standards, the lining and the intended use
(EN 420)

GLOVE AND HAND SIZE REFERENCE

Hand Size Index	7½	8½	9	9½	10½	11½
Weldas Size Label	S	M	L	XL	XXL	XXXL
Measurement mm	190	216	229	241	267	293
Minimum length in mm	310	320	330	340	350	360



WWW.WELDAS-CE.COM

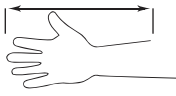
SOFTouch™

TIG WELDING GLOVES

10-1003



M, L, XL, XXL



35 cm.

- Oil and abrasion resistant
- Reversed (suede) grain pig leather
- Seamless index finger

KEVLAR® 3 ply

SOFTouch™

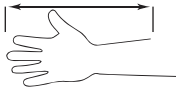
EN 12477 (09.2005) TYPE A/B
TÜV BP 60017622 0003
TÜV 21128415 002



10-1004



S, M, L, XL, XXL
RH/XL



35 cm.

- Hand made of goatskin
- Double leather in the palm
- Very soft and excellent feeling
- Cuff made of grey flame retardant fabric
- Size XL also available in Right Hand only pairs (RH)

KEVLAR® 3 ply

SOFTouch™

EN 12477 (2001 + A1 : 2005)
TYPE B
TÜV BP 60118529 0001
TÜV 21264046 002



10-1005



S, M, L, XL, XXL



35 cm.

- Very smooth and pliable
- Calfskin grain leather
- Seamless index finger

KEVLAR® 3 ply

SOFTouch™

EN 12477 (09.2005) TYPE A/B
TÜV BP 60017622 0003
TÜV 21128415 002

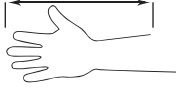


Ω ELECTROSTATIC TESTED Ω

10-1007



M, L, XL



35 cm.

- Goatskin palm
- Cow split leather back and cuff

KEVLAR® 3 ply

SOFTouch™

EN 12477 (09.2005) TYPE B
TÜV BP 60017622 0003
TÜV 21128415 002



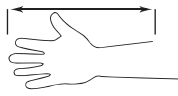
SOFTouch™

TIG WELDING GLOVES

10-1009



M, L, XL, XXL



35 cm.

- Hand made of goatskin
- Very soft and excellent feeling
- Cuff made of split cow leather
- Seamless index finger

KEVLAR® 3 ply

SOFTouch™

EN 12477 (09.2005) TYPE B
TÜV BP 60017622 0004
TÜV 21128415 002

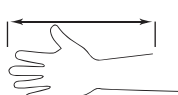


Ω ELECTROSTATIC TESTED Ω

10-1050



M, L, XL, XXL



32 cm.

- Outer hand made of soft black grain cow leather
- White grain goat leather spacers on the sides of the fingers
- Curved cuff made of supple split cow leather trimmed at the edge with white grain goat leather
- Thin fleecy, flame retardant lining at the back of the hand
- Seamless index finger

KEVLAR® 4 ply

SOFTouch™

EN 12477 (2001 + A1 : 2005)
TYPE B
TÜV BP 60123577 0001
TÜV 21276706 001



10-2304



M, L, XL, XXL



32 cm.

- Hand made of deerskin
- Very soft feeling
- Cuff made of split cow leather

KEVLAR® 3 ply



DEERSOsoft®

EN 12477 (09.2005) TYPE A/B
TÜV BP 60017622 0004
TÜV 21128415 002



10-2644



M, L, XL, XXL



32 cm.

- Hand bison leather
- Cuff split cowhide
- **CHROMIUM < 2 mg./kg.**



KEVLAR® 3 ply



ThunderingBison™

EN 12477 (09.2005) TYPE A/B
TÜV BP 21146065 001
TÜV 556-10-0071/01

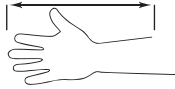


WORKING GLOVES

10-2670



M, L, XL, XXL



23 cm.

- Work glove designed for general purpose applications
- Grain goat leather with stretchy spandex glove back
- Wrist closable with a hook and loop closure for good fit of the glove

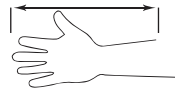
Not to be used in an industrial environment



10-1206



L



29 cm.

- Cow split leather
- Cotton lined
- Rubberized safety cuff

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO

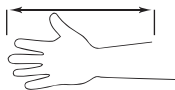


WORKING GLOVES

10-2806



L



25 cm.

- Cow split leather
- Double leather in the palm
- Cotton lined
- Rubberized safety cuff

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2209



S, M, L, XL, XXL



26 cm.

- A-grade cow split leather
- Cotton lined
- Rubberized safety cuff

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2209LB



L, XL



26 cm.

- A-grade cow split leather
- Cotton lined
- Rubberized safety cuff
- *Lava Brown™* model

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2207



L, XL



25 cm.

- Cow split leather
- Cotton lined
- Safety cuff

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO

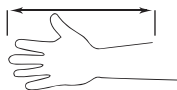


DRIVER GLOVES

10-2064



L, XL



24 cm.

- Durable split cow leather

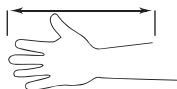
EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2336



M, L, XL



24 cm.

- Palm made of cow grain side leather
- Back made of split cow leather
- Extra fingertip sensitivity

KEVLAR® 3 ply



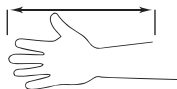
EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2633



M, L, XL, XXL



25 cm.

- Innerhand made of grain bison leather
- Back made of split cow leather
- CHROMIUM < 2 mg./kg.

KEVLAR® 3 ply



ThunderingBison™

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



10-2700



S, M, L, XL, XXL



26 cm.

- Cow grain side leather of the highest quality
- Oil and water resistant



STEERSOtuff®

EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO

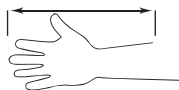


DRIVER GLOVES

10-9334



XL



26 cm.

- Palm made of cow grain side leather
- Back made of split cow leather

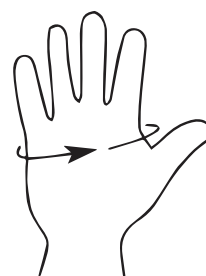
EN 388 (2016)
UL 0843-PPE-0115
UL NC29550-D1-EDO



(EN 420)

GLOVE AND HAND SIZE REFERENCE

Hand Size Index	7½	8½	9	9½	10½	11½
Weldas Size Label	S	M	L	XL	XXL	XXXL
Measurement mm	190	216	229	241	267	293
Minimum length in mm	310	320	330	340	350	360



ACCESSORIES

44-3006LB, 44-3006LB/PR



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

KEVLAR® 5 ply

15 cm. 20 cm.

All hand shields:
EN ISO 11611:2015
TÜV 60353593-002



44-3008LB



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

15 cm. 20 cm.

KEVLAR® 5 ply

44-3009BF



- High heat reflective hand shield
- **Black coated fiber glass back with fiber glass front**
- Heavy duty hand shield 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



- **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



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:

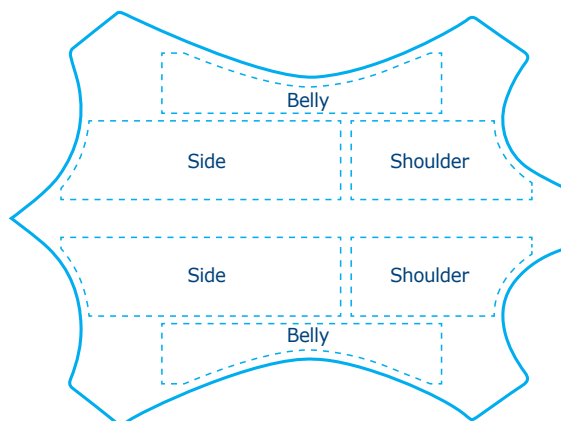
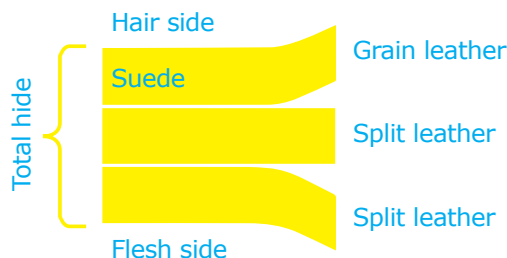
- Protection arguments: resistant to heat, flame, molten splashes, UV, electricity and punctures.
- Health arguments: values of pH, Chromium, PCP or other substances that needs to be within limits.
- Durability arguments: values of abrasion resistance, tensile strength, tear resistance, heat related 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 its catalog, website and other means of publication in order to help the user to make the right choice of product for its personal protection but it is and will always be the responsibility 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:

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

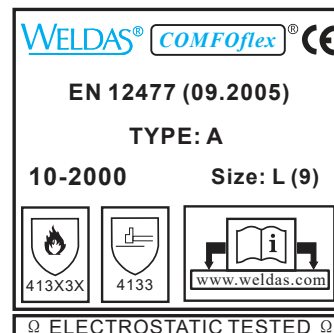
Category II includes risks other than those listed in Categories I and III;

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.

Example of imprint of a Weldas® certified glove:



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	B	C	D	E	F
		2	5	10	15	22	30

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 _z 10 ⁶ Ω	R _z 10 ⁵ Ω
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 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 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 ⁵ Ω	
Innocuousness	See 6.11	
Leather	Fat content: ≤ 15 %	