

Documentation No.: *_GRILL GLOVES / GZ600*

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TECHNICAL FILE

PROTECTIVE GLOVES AGAINST MECHANICAL RISKS

EN 388:2016+A1:2018

**Protective gloves and other hand
protective equipments against
thermal risks (heat and/or fire)**

(EN 407:2020)

EN ISO 21420: 2020+A1:2024

Technical File to comply with the requirements of the Personal Protective Equipment
Regulation (EU) 2016/425

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SECTION 2 MANUFACTURER/SUPPLIER & PRODUCT GENERAL INFORMATION

1. Manufacturer and Supplier General Information

Product:	GRILL GLOVES
Model:	GZ600
Trademark:	
Certificate holder / Manufacturer:	Company Name: Linder Exclusiv GmbH Address: Mackstraße. 42, 88348 Bad Saulgau, Germany
Applied standard(s) and/or technical specification(s):	EN 388: 2016+A1:2018 EN 407:2020 EN ISO 21420: 2020+A1:2024
Performance level(s):	3243X 413XXX
Risk category:	Category II
Supplier Name	Hangzhou Linde Trading Co., Ltd
Supplier Address	6th Floor, Building 1, Yuhang Third Exhaust Testing Station, Industrial Road, Jinxing Industrial Park, Yuhang Street, Yuhang District, Hangzhou City, Zhejiang Province, China

2. Product General Information

Description of products	GRILL GLOVES
Description standard	EN 388: 2016+A1:2018; 3243X
Class	EN 407:2020; 413XXX EN ISO 21420: 2020+A1:2024
Product style/order No.	GZ600
Product colors	Yellow
Size(s) range	UNISIZE
Destination Country	Europe
Brand name (if any)	/
Brand Owner Name	/
Brand Owner Address	/

SECTION 3 PRODUCT SPECIFICATIONS

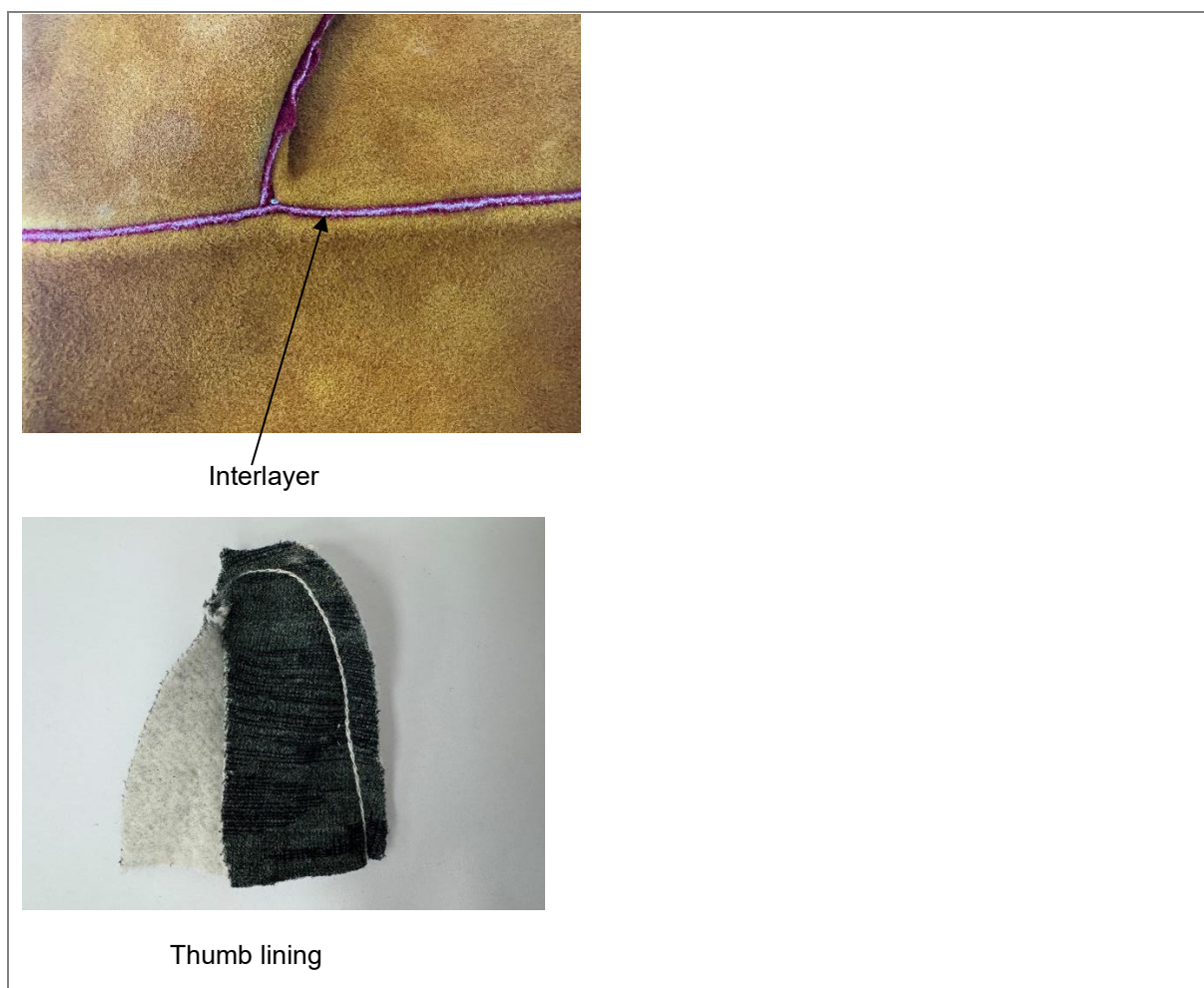
1. Picture(s) of the product(s)

GZ600



Lining at the palm/back

Lining at the cuff



2.Parts List

	Colour/ composition	Supplier name
Shell	Color: yellow Material: 100% cow leather Weight: 325±5 g/pair Leather thickness:1.5±0.1mm	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China
Lining at the palm/back	Color: white Material: 100% polyester	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China
Lining at the cuff	Color: black Material: 100% cotton	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China

Lining at the thumb	Color: white/grey/black Material: 100% polyester	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China
Sewing threads	Color: yellow Material: 100% aramid	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China
Interlayer (Same as the shell of sample C in the report SL22502354225401TX)	Color: red Material: 100% cow leather	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China
Wash label	Color: white Material: 100% Polyester	Linyi Tianyi International Trade Co., Ltd. No. 6-7, West Side Street, Hedong Electric Appliances Market, Yujiuqu Community, Jiuqu Sub-district, Hedong District, Linyi City, Shandong Province, China

3.Product(s) Dimension

Size	One free size
Glove length (A)	346 mm
Hand length (B)	209 mm
Width of the glove (20 mm from the crotch between thumb and index finger) (C)	142 mm
Width of the cuff (D)	180 mm
tolerance	± 10 mm



SECTION 4 MANUFACTURE INFORMATION

1. Sequence of Manufacture

Sequence No.	Manufacture Description
1	Raw materials reception and quality inspections
2	Dyeing leather
3	Cutting the leather and lining
4	Sewing the gloves and washing labels at the inside of the bottom of the glove, additionally, sewing the shell and lining of the glove together at the top of fingers. Printing Logo.
5	After the gloves are completed, overlapping and quality checking
6	The final gloves is packed, the user information is given to each individual package
7	Outgoing inspections

2. Quality Control Procedure

No.	Procedure	Quality Control
1	Raw material control	The 3rd party testing under EN 407, EN 388, EN ISO 21420 report should be submitted including related materials. Supplier should also submit the "Declaration of Innocuousness" of raw materials. Bulk production products will be sent to 3rd party lab to retest EN 407, EN 388, EN ISO 21420 from batch to batch/year to year to ensure performance. Rework the problem goods. Make sure all the goods are in good quality.
2	In house lab testing	The appearance, sizing and physical performance will be checked by own lab. Reject the raw materials if they cannot meet the minimum requirement.
3	Cutting	Cutting the leather and lining
4	Sewing	Sewing the gloves and washing labels at the inside of the bottom of the glove. Printing Logo. After sewing, Online QC will pick up 1 sample per batch to check the dipping evenness.
5	Labeling/Marking	The care label should be stitched at the inside edge and marking should be printed at the back of gloves. The label/markings must be visible & legible.
6	Ergonomics	The QC will carry out the fitting test for the final gloves 1 sample per batch. Make sure the size is correct.
7	Packing	The final glove is packed, the user information is given to each individual package. Make sure all the packages are correct and in good quality.

The Third Party Tests

Material performance will be carried out by an external independent ISO 17025 accredited test house.
See Section 8: Test reports.

SECTION 5 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

In accordance with Personal Protective Equipment Regulation (EU) 2016/425 - Annex II

Regulation (EU) 2016/425 - Annex II	Conformity
1.2.1 Absence of inherent risks and other nuisance factors	EN 407: 2020 Clause 4.4.1
1.2.1.1 Innocuousness of PPE- suitable constituent materials	EN ISO 21420: 2020+A1:2024 Clause 4.2
1.2.1.3 Maximum permissible user impediment	EN ISO 21420: 2020+A1:2024 Clause 5.2
1.3.2 Lightness and strength	EN 407: 2020 Clause 4.3
1.4 Manufacturer's instructions and information	EN ISO 21420:2020+A1:2024, clause 7.3 EN 388:2016+A1 :2018, clause 7,8 EN 407 : 2020 Clause 8
2.4 PPE subject to ageing	EN ISO 21420:2020+A1:2024, clause 7.2.1.1 f) & 7.2.2 g)
2.5. PPE which may be caught up during use	EN ISO 21420:2020+A1:2024, clause 7.3.7
2.7 PPE intended for emergency use or rapid installation and/or removal	EN 407: 2020 Clause 4.4.1 and 8 i)
2.12 PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	EN ISO 21420:2020+A1:2024, clause 7.2.1.1 d) , 7.2.2 e) , 7.3.5 EN 388:2016+A1 :2018, clause 7 EN 407 : 2020 Clause 7
3.3 Protection against mechanical injuries	EN 388:2016+A1 :2018, clause 4.1
3.6 Protection against heat and/or fire	EN 407 : 2020 Clause 4.5

SECTION 6 MANUFACTURER'S INSTRUCTIONS AND INFORMATION

Sample Description: GRILL GLOVES

Product Style/Order No: GZ600


Product code/colour: yellow

Risks against which the PPE is intended to protect:

<p>The gloves are employed and intended to protective against mechanical risks of abrasion, blade cut, tear, puncture of palm in working environment.</p> <p>The gloves meet the requirement for resistance to puncture, may not be suitable for protection against sharply pointed objects such as hypodermic needles.</p> <p>The gloves are intended to protect the hands against heat and/or flames in one or more of the following forms: limited flame spread, contact heat, convective heat. The gloves can protect against fire in the following form: limited flame spread. Only the palm of gloves can protect against heat in the following form: contact heat. Only the palm and back of glove can protect against heat in the following form: convective heat.</p> <p>The gloves protect against contact heat at 100°C for not more than 15 seconds, tested as per EN ISO 12127-1:2015. The gloves with Level 1 rating for contact heat cannot be used for removing items from the oven. Maximum use till 100°C.</p> <p>The gloves are not to be used for chemical protection, electrical protection or use where a risk of entanglement by moving parts.</p> <p>The composition of gloves do not contain substances which are known to cause allergies.</p>		
Risk	Standard Clause	Assessment method
Abrasion	EN 388:2016+A1:2018 Clause 6.1	Abrasion resistance numbers of rubs
Blade cut	EN 388:2016+A1:2018 Clause 6.2	Blade cut resistance index
Tear	EN 388:2016+A1:2018 Clause 6.4	Tear resistance strength
Puncture	EN 388:2016+A1:2018 Clause 6.5	Puncture resistance strength
Limited flame spread	EN 407:2020 clause 4.5.2 & 6.2	Limited flame spread
Contact heat	EN 407:2020 clause 4.5.3 & 6.3	Contact heat: Contact temperature of at 100 degree C, the threshold time should be >=15s
Convective heat	EN 407:2020 clause 4.5.4 & 6.4	Convective heat performance, minimum Heat transfer index HTI>=10s

Pictograms and Performance Levels of certified gloves:


EN 388: 2016+A1:2018	Performance	Performance levels
	Abrasion resistance	Level 3

 3243X	Blade cut level	Level 2
	Cut resistance (EN ISO 13997)	Level X
	Tear resistance level	Level 4
	Puncture resistance	Level 3
	Impact protection	blank
X: indicates that the glove has not been submitted to the test or the test method appears not to be suitable for the glove design or material		

Interpretation of the levels of performance (according to EN 388:2016+A1:2018)

Test	Level 1	Level 2	Level 3	Level 4	Level 5
6.1 Abrasion resistance (number of rubs)	100	500	2 000	8 000	-
6.2 Coupe test: Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0
6.4 Tear resistance (N)	10	25	50	75	-
6.5 Puncture resistance (N)	20	60	100	150	-
	Level A	Level B	Level C	Level D	Level E
6.3 TDM: cut resistance (N)	2	5	10	15	22

Pictograms and Performance Levels of certified gloves:

 <p>EN 407</p> <p>Limited flame spread — 4</p> <p>Contact heat — 1</p> <p>Convective heat — 3</p> <p>Radiant heat — X</p> <p>Small splashes of molten — X</p> <p>Large quantities of molten — X</p>	Limited flame spread (Class 4)	After Flame time: <=2s After glow time: <=5s
	Contact Heat Resistance (Class 1)	Contact temperature: 100°C Threshold time: >=15s
	Convective Heat Resistance (Class 3)	Heat Transfer Index >=10 s
	Radiant Heat (X)	"X" means not tested and the glove is not designed for the use covered by the corresponding test (Radiant Heat, Small splashes of molten metal, Large quantities of molten metal)
	Small splashes of molten metal(X)	
	Large quantities of molten metal(X)	

Limited flame spread (per Level)	Performance level	After flame time s	After glow time s
	1	≤ 15	no requirement
	2	≤ 10	≤ 120
	3	≤ 3	≤ 25
	4	≤ 2	≤ 5
Contact Heat Resistance (per Level)	Performance level	Contact Temperature T_c °C	Threshold time t_s s
	1	100	≥ 15
	2	250	≥ 15
	3	350	≥ 15
	4	500	≥ 15
Convective Heat Resistance (per Level)	Performance level	Heat transfer index HTI s	
	1	≥ 4	
	2	≥ 7	
	3	≥ 10	
	4	≥ 18	



This product has been labelled with a CE mark in conformity with the provisions of Module B of the Regulation (EU) 2016/425 Personal Protective Equipment as a Category II product, with the applicable standard (EN 388:2016+A1:2018, EN 407:2020, EN ISO 21420:2020+A1:2024)

Storage: Always store in clean, dry conditions. Do NOT store in places subject to direct, strong sunlight.

Available Sizes & Selection:

Fit according to hand size Allowance built in for comfort. Check the fit before using in working conditions. Dexterity of the gloves is level 3.

Size	One free size
Glove length (A)	346 mm
Hand length (B)	209 mm
Width of the glove (20 mm from the crotch between thumb and index finger) (C)	142 mm
Width of the cuff (D)	180 mm
tolerance	± 10 mm

Limitations of Use:

Safety required only if the right size of the gloves is used and applied. Please check any damage before using. The special features may be restricted or even lost if it is excessive dirty and damaged, please replace it with a new glove. The performance levels of EN 407 are only applicable to the whole product including all layers. The overall classification of EN 388 does not necessarily reflect the performance of the outermost layer for gloves with two or more layers. The life time of the gloves is 5 years.

Warning:

The gloves are not to be used for chemical protection, electrical protection or use where a risk of entanglement by moving parts. The gloves meet the requirement for resistance to puncture, may not be suitable for protection against sharply pointed objects such as hypodermic needles.

The gloves with Level 1 rating for contact heat cannot be used for removing items from the oven. Maximum use till 100°C. The gloves cannot be washed.

Disposal: Follow local disposal rule

Aftercare:



Manufacturer: Linder Exclusiv GmbH

Address: Mackstraße. 42, 88348 Bad Saulgau, Germany

EU declaration of conformity can be accessed at: <https://linder-exclusiv.com>

Detailed content of the Instructions and information notice is the responsibility for manufacture

Made in China

EU type-examination for Regulation (EU) 2016/425 by

Notified Body Number: 0598

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland.

SECTION 7 MARKINGS

1. Product marking

Sewing Label:



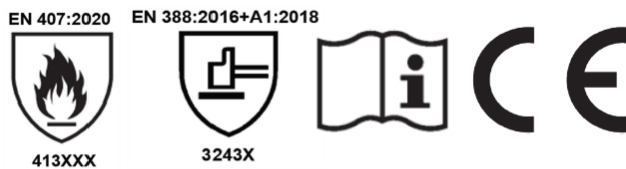
Composition: Shell: 100% LEATHER
Lining at the palm/back: 100% POLYESTER
Lining at the cuff: 100% COTTON

Hergestellt für/produced for:
LinderExclusiv GmbH | Mackstr.42
88348 Bad Saulgau | www.linder-exclusiv.de

Print on glove:










GRILL GLOVES
Art.Nr.: GZ600



SIZE: UNISIZE COLOR: YELLOW

Remark: Height of 'CE' is 5 mm.

2. Package marking

GRILL GLOVES	
Art Nr. /Art No.: GZ600	
Größe /size: ca.: UNISIZE	
VE: 12Paare/12PAIRS	
EAN: 4 039214 95254 2	
Chargen-No.: XXXXXX	
Shell: 100% leather	
Lining at the palm/back: 100% polyester	
Lining at the cuff: 100% cotton	
N.W.:	KGS
G.W.:	KGS
M.: X X	CM
   	
	
XX/XX/XXXX	XX/XX/XXXX
	
Company Name: Linder Exclusiv GmbH Address: Mackstraße. 42, 88348 Bad Saulgau, Germany	

Remark: Height of 'CE' is 5 mm.

SECTION 8 TEST REPORTS**EN ISO 21420**

Clause	Item	Test Report	Issue Date	Remark
4.2	Determination of pH value	SL22502354225401TX	2025.10.31	
4.2	Azo Dyes	SL22502354225401TX	2025.10.31	
4.2	Cr VI	SL22502354225401TX	2025.10.31	
5.2	Dexterity	SL22502354225401TX	2025.10.31	

EN 388

Clause	Item	Test Report	Issue Date	Remark
6.1	Abrasion resistance	SL22502354225401TX	2025.10.31	
6.2	Blade cut resistance	SL22502354225401TX	2025.10.31	
6.4	Tear strength	SL22502354225401TX	2025.10.31	
6.5	Puncture resistance	SL22502354225401TX	2025.10.31	

EN 407

Clause	Item	Test Report	Issue Date	Remark
4.3	Tear strength	SL22502354225401TX	2025.10.31	
4.5.2	Limited flame spread	SL22502354225401TX	2025.10.31	
4.5.3	Contact Heat	SL22502354225401TX	2025.10.31	
4.5.4	Convective Heat	SL22502354225401TX	2025.10.31	

Remark: The GRILL GLOVES is same as the sample A in the report SL22502354225401TX.

SECTION 9 EU DECLARATION OF CONFORMITY

Manufacturer

Name: Linder Exclusiv GmbH

Address: Mackstraße. 42, 88348 Bad Saulgau, Germany

declares that the new PPE described hereafter

PPE (GRILL GLOVES/GZ600)

Is in conformity with the relevant union harmonization legislation (EU) 2016/425 and and with relevant harmonized standards EN 388:2016+A1:2018, EN 407: 2020, EN ISO 21420: 2020+A1:2024 (for the PPE referred to in Annex I)

EU type-examination for Regulation (EU) 2016/425 by

Notified Body Number: 0598

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland.

performed the EU type-examination (Module B) and issued the EU type-examination certificate ?????

Done at Mackstraße. 42, 88348 Bad Saulgau, Germany

Date 2025.11.05

Linder-Exclusiv GmbH
Postfach 1324, 88342 Bad Saulgau
Mackstr. 42, 88348 Bad Saulgau
.....Tel. 0 75 81 / 48 30 50
Fax 0 75 81 / 48 30 69
Name Email: info@linder-exclusiv.de
www.linder-exclusiv.de
On behalf of **Company**

Section 10 DECLARATION OF MATERIAL INNOCUOUSNESS

The manufacturer or his authorized representative established in the Community:

Company Name: Linder Exclusiv GmbH

Address: Mackstraße. 42, 88348 Bad Saulgau, Germany

declares that the materials which are coming into contact with the human skin and body used on the new PPE described hereafter

Product description: GRILL GLOVES

Model No.: GZ600

Size: UNISIZE

are known not to undergo appreciable alteration from contact with sweat or with substances likely to be found in toiletries and are known not to cause any harm to human skin and body.

Done at Mackstraße. 42, 88348 Bad Saulgau, Germany

Linder-Exclusiv GmbH

Postfach 1324, 88342 Bad Saulgau


Mackstr. 42, 88348 Bad Saulgau

Tel. 0 75 81 / 48 30 50

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www.linder-exclusiv.de

2025.11.05 

Signature and date