

■ TEGERA® PRO 9180

Vibrothan® foam technology for optimal anti-vibration protection. Excellent durability and grip performance thanks to Microthan® synthetic leather.
SIZES 7, 8, 9, 10, 11, 12



■ TEGERA® PRO 9125

Ergonomic, synthetic glove with Microthan+® and reinforced safety features. Long lasting thanks to the durable Microthan®+ synthetic leather.
SIZES 7, 8, 9, 10, 11, 12, 13



■ jalas® ZENIT EVO 7158

EN ISO 20345:2011 S1, P, SRC
A comfortable safety shoe with colorful sport-inspired design, BOA® Fit System and high-quality protection.
SIZE RANGE 35-48



■ jalas® ZENIT EVO 7168

EN ISO 20345:2011 S3, SRC
A new designed lightweight safety shoe with knitted textile upper and BOA® Fit System. Outstanding ergonomics, padded Memory foam and water repellency means day-long safety and comfort.
SIZE RANGE 35-48



■ jalas® ZENIT EVO 7178

EN ISO 20345:2011 S3, SRC
A mid-cut lightweight safety shoe with ankle support, knitted textile upper and BOA® Fit System. Outstanding ergonomics and water repellency means day-long safety and comfort.
SIZE RANGE 35-48



■ TEGERA® INFINITY 8811

Dexterous 15 gg knitted glove with long cuff and CRF® cut resistant technology for fine assembly work. Palm dipped with super soft nitrile foam, provides excellent grip on dry surfaces.
SIZES 5, 6, 7, 8, 9, 10, 11



EXPLANATION OF SYMBOLS, PROTECTIVE FOOTWEAR



Aluminium toecap



Steel toecap



Composite toecap



Nail protection in steel



Nail protection in plasma-treated composite (PTC) textile



Winter model



Waterproof



Water repellent



Oil-resistant outsole



Heat-resistant outsole



Wide fit



Ergothen Shock Absorption System



Shock absorbing



ProNose toe reinforcement



Heat-resistant upper



Zipper



Stabilizer



Anti-static properties



ESD

REGULATIONS AND STANDARDS

SAFETY FOOTWEAR

TABLE ACCORDING TO STANDARD EN ISO 20345:2011

CLASS		Toecap (200 J/15000 N)	Closed seat region (fully enclosed heel)	A Electrical resistance (0.1-1000 MΩ)	E Energy absorption in the heel area (20 Joules)	WRU Water-repellent upper	Cleated outsole	P Penetration- resistant outsole
I, II	SB	●						
I	S1	●	●	●	●			
I	S2	●	●	●	●	●		
I	S3	●	●	●	●	●	●	●
II	S4	●	●	●	●	●		
II	S5	●	●	●	●	●	●	●

OCCUPATIONAL FOOTWEAR

TABLE ACCORDING TO STANDARD EN ISO 20347:2012

CLASS		Closed seat region (fully enclosed heel)	A Electrical resistance (0.1-1000 MΩ)	E Energy absorption in the heel area (20 Joules)	WRU Water-repellent upper	Cleated outsole	P Penetration- resistant outsole
I, II	OB						
I	O1	●	●	●			
I	O2	●	●	●	●		
I	O3	●	●	●	●	●	●
II	O4	●	●	●	●		
II	O5	●	●	●	●	●	

S Shoes marked S have toecaps which will withstand 200 J of impact energy and 15 kN of pressure.

O Shoes marked with an O are not equipped with a protective steel toecap but meet the basic requirements for work shoes.

Class I Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear.

Class II All-rubber (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded) footwear.

P Penetration-resistant outsole.

HRO Heat-resistant outsole compound tested at 300°C.

WR Water-resistant footwear.

WRU Water-repellent upper.

CI Cold insulation.

HI Heat insulation.

HI3 Heat insulation performance level 3.

Type 2 All fire suppression and rescue interventions where protection against penetration, and toe protection are needed, no protection against chemical hazards.

ESD Electrostatic Discharge.

ESD IEC 61340-5-1 Electrostatic Discharge resistance below 35 MΩ.

SRA Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution.

SRB Slip-resistance on steel floor with glycerol.

SRC SRA + SRB.

FO Oil-resistant outsole.

A Electrical resistance (0.1-1000 MΩ).

E Energy absorption in the heel area (20 Joules).

GLOVE SIZES: COLOUR CODING

4 3X-SMALL	5 XX-SMALL	6 X-SMALL	7 SMALL	8 MEDIUM	9 LARGE
10 X-LARGE	11 XX-LARGE	12 3X-LARGE	13 4X-LARGE	14 5X-LARGE	15 6X-LARGE

EXPLANATION OF SYMBOLS, PROTECTIVE GLOVES



EN 388:2016 + A1:2018
Protective gloves against mechanical risks.



EN ISO 374-1:2016 + A1:2018
Protective gloves against chemicals and microorganisms – Part 1: Terminology and performance requirements for chemical risks.



EN ISO 374-5:2016
Protective gloves against chemicals and microorganisms – Part 5: Terminology and performance requirements for microorganism risks.



EN 407:2004
Protective gloves against thermal risks (heat and/or fire)



EN 407:2020
Protective gloves against thermal risks (heat and/or fire)



EN 407:2020
Protective gloves against thermal risks (heat and/or fire). Without limited flame spread.

UPDATES FOR EN 407



EN 511:2006
Protective gloves against cold.



EN ISO 11393-4:2019
Hand-held chainsaw protective gloves.



EN 16350:2014
Protective gloves – Electrostatic properties.



Suitable for contact with foodstuffs.



NOT FOR FATTY FOOD
Suitable for contact with foodstuffs, except for fatty foods.



Information/UI



Waterproof membrane



Water repellent



Windproof



Breathable



Cut protection



Warm lining



ESD



Latex



For touchscreen

EN 388:2016 + A1:2018



EN 388:2016 + A1:2018

Protective gloves against mechanical risks

4 X 4 3 C P

- Impact protection (marking if passed requirements)
- ISO cut test/cut resistance (A-F or X)
- Puncture resistance (0-4)
- Tear resistance (0-4)
- Coup test/cut resistance (0-5 or X)
- Abrasion resistance (0-4)

Level of protection	1	2	3	4	5
a) Resistance to abrasion (No. of revolutions)	100	500	2000	8000	
b) Resistance to cutting (Index)	1.2	2.5	5.0	10.0	20.0
c) Tear resistance (N)	10	25	50	75	
d) Puncturing resistance (N)	20	60	100	150	

Level of protection	A	B	C	D	E	F
e) Cut resistance (N)	2	5	10	15	22	30

Level of protection	P
f) Impact protection, EN 13594:2015	Pass (Level 1 ≤ 9 kN)

EN ISO 374-1:2016

Type A, B, C



EN ISO 374-1:2016

Protective gloves against chemicals and microorganisms – Part 1:

ABCDEFGHIJKLMNPST Terminology and performance requirements for chemical risks.

Type A: Breakthrough time > 30 min for at least 6 chemicals in the new list
Type B: Breakthrough time > 30 min for at least 3 chemicals in the new list
Type C: Breakthrough time > 10 min for at least 1 chemical in the new list

Permeation level	1	2	3	4	5	6
Breakthrough time (min)	10	30	60	120	240	480

List of test chemicals

A Methanol	J n-Heptane
B Acetone	K Sodium hydroxide 40%
C Acetonitrile	L Sulphuric acid 96%
D Dichloromethane	M Nitric acid 65%
E Carbon disulphide	N Acetic acid 99%
F Toluene	O Ammonium hydroxide 25%
G Diethylamine	P Hydrogen peroxide 30%
H Tetrahydrofuran	S Hydrofluoric acid 40%
I Ethyl acetate	T Formaldehyde 37%

FOOTWEAR SIZE GUIDE

JALAS STANDARD SIZING	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Millimeter	228	235	242	249	256	262	269	276	282	289	296	302	309	316	323	329	336
UK	1½	2	3	4	5	6	6½	7	8	9	10	10½	11	12	13	14	15
US Male	2½	3½	4	5	5½	6½	7½	8	9	9½	10½	11	12	13	13½	14½	15½
US Female	3½	4	5	6	6½	7½	8½	9	10	11	11½	12	13	14	14½	-	-