

K15



KSTOOLS®

**KS TOOLS®**

Innovation is
our mission!

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WORKWEAR / INDUSTRIAL SAFETY

Head protection



Eye protection



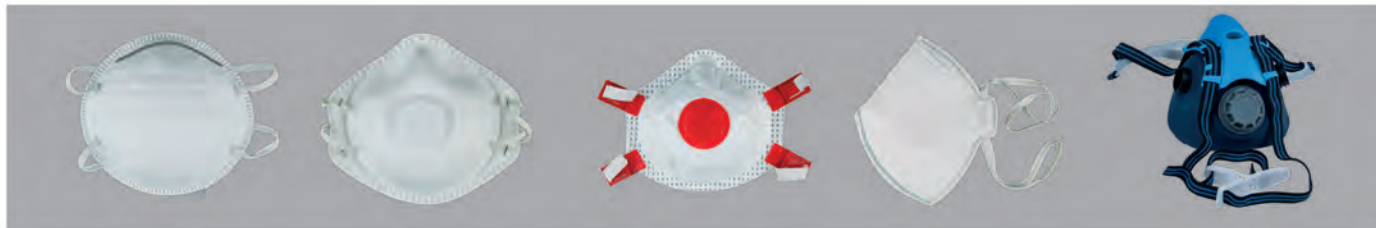
Hearing protection



Welding protection



Respiratory protection



Hand protection



Foot protection



Work garments



Perfect grip - perfect protection

Univesal gloves for occupation and leisure, particularly suitably for working in technical area, excellent comfot for working with small parts, dirt and humidity resistant material.



HEAD PROTECTION

Baseball cap - red-black

- One size - adjustable
- With buckle
- With embroidered patch racing logo

Material:
100 % Cotton



985.0003	Baseball cap - red-black	75

Baseball cap - red

- One size - adjustable
- With hook and loop fastener
- Embroidered logo

Material:
100 % Cotton



985.0012	Baseball cap - red	75

Baseball cap - black

- One size - adjustable
- With hook and loop fastener
- Embroidered logo

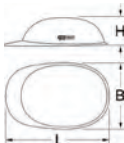
Material:
100% Cotton



985.0013	Baseball cap - black	75

Work protective hardhat

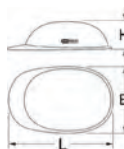
- DE EN397
- PP case
- 4-point suspension
- Buckle adjustment
- Lateral space for accessories
- Shock absorption (<5kn)
- Extremely flammable (>5 s)
- Temperature resistant (> -10 < 50)



Colour code	L mm	B mm	H mm	
985.0021	265.0	225.0	160.0	344

Work protective hardhat

- DIN EN 397
- Special plastic



	Colour code	L mm	B mm	H mm	
117.1608		290.0	225.0	175.0	370
117.1609		290.0	225.0	175.0	370
117.1610		290.0	225.0	175.0	370

Carrying bag for work helmet

- Made out of red leather
- With carrying strap



	B mm	H mm	
117.1612	500.0	480.0	500



EYE PROTECTION

Visor

- DE EN166
- Frame made from aluminium
- Visor material: PC
- Suitable for standard safety helmets
- Frame made from aluminium
- Size adjustment takes place using spring strip



	Total depth mm	
985.0024	200.0	280

Electrician's face shield

- DIN EN 166
- Fault arc tested to DGV GS-ET-29, test level W(LBP) = 318 kJ (corresponds to prospective test short-circuit current 7 kA/0.5 s) EN 166
- Personal eye protection equipment
- Also fault arc tested to ASTM F2178, ATPV: 7.0 cal/cm²
- Natural rendering of colours thanks to transparent, non-tinted visor
- Colour rendering index > 90%
- Light transmission > 70%
- Suitable for standard electrician's hardhat
- Anti-mist protective gel supplied



	Arc fault		
117.1796	class 2	1000V	475

Welders protective helmet

- Turns fully automatically from bright after dark as soon as the light arch is ignited
- Due to high quality solar cells battery replacement is no longer require
- Equipped with a sensitivity and delaying switch for switching between dark and light to prevent welders blindness when welding at high amp capacity
- Quick switching is possible when changing from seam to spot welding
- Selection switch for reaction time
- Robust multi positional head band
- Complete neck protection
- Face protection to EN 175 / eye protection to EN379 1/2/1



Technical data:

Switching timed:	1/25,000 s
	0.6 s delay
Window:	98 x 40 mm (3.7/8" x 1.5/8")
Cassette size:	110 x 90 x 9 mm (4.3/8" x 3.1/2" x 0.35")
Power requirement:	lithium battery + solar cells
UV / IR protection:	according to EN169 / to DIN 16
Colour selection:	variable adjustment from DIN 9-13
	standard light adjustment DIN 3 (4)
Working temperature:	-5° to +55°C
Storage temperature:	-20° up to +70°C

	L mm	B mm	H mm	
310.0180	330.0	200.0	200.0	480

Glasses - blue

- Blue shading for comfortable and relaxed viewing
- Suitable for long duration usage
- With UV protection
- Sporting design
- Extremely substantial frame
- Offer protection in machining operations
- Optimal design
- Polycarbonate lens



310.0160	Glasses - blue	30	

Glasses - yellow

- Yellow shading to increase contrast
- With UV protection
- Sporting design
- Extremely substantial frame
- Offer protection in machining operations
- Optimal design
- Polycarbonate lens



310.0165	Glasses - yellow	30	

Glasses - black

- Glasses grey tinted
- With UV protection
- Sporting design
- Extremely substantial frame
- Offer protection in machining operations
- Optimal design
- Polycarbonate lens



310.0170	Glasses - black	30	

Glasses - transparent

- Glasses clear
- With UV protection
- Sporting design
- Extremely substantial frame
- Offer protection in machining operations
- Optimal design
- Polycarbonate lens



310.0175	Glasses - transparent	30	

Glasses - transparent

- EN 166
- Practical for spectacle wearers
- With ventilation holes for clear visibility
- With firm frame
- With ear clip
- Polycarbonate lens



310.0110	Glasses - transparent	45	

Goggles with elastic headband - transparent

- EN 166
- Practical for spectacle wearers
- With ventilation holes for clear visibility
- With adjustable headband
- With soft PVC frame
- Polycarbonate lens



310.0120	Goggles with elastic headband - transparent	75	

Goggles with elastic headband - transparent with ventilation

- CE EN 166
- With 4 vent holes
- Practical for spectacle wearers
- With ventilation holes for clear visibility
- Adjustable elastic band
- With soft PVC frame
- Polycarbonate lens



310.0112	Goggles with elastic headband - transparent with ventilation	75	

EAR PROTECTION
Ear plugs PU, without cord

- 20 pairs
- CE / EN 352-2
- Made from 100% PU
- Without cord
- Sound level reduction: 33 dB



985.7050	20 pairs	200	

Ear plugs PU, with cord

- 20 pairs
- CE / EN 352-2
- Made from 100% PU
- With cord
- Sound level reduction: 33 dB



985.7051	20 pairs	200	

Ear plugs PU, with cord and mushroom head

- 20 pairs
- CE / EN 352-2
- Made from 100% PU
- With cord
- With mushroom head
- Sound level reduction: 33 dB



985.7055	20 pairs	200	

Padded ear defenders with headband - red

- CE / EN 352-1
- With adjustable and padded ear shells for comfortable wear
- Ear shells with stepless fast adjustment
- Sound level reduction: 19 dB



310.0130	Padded ear defenders with headband - red	200	

Padded ear defenders with headband - blue

- CE / EN 352-1
- With adjustable and padded ear shells for comfortable wear
- Ear shells with stepless fast adjustment
- Sound level reduction: 25 dB



310.0131	Padded ear defenders with headband - blue	200	

Electronic padded ear protection with headband - black

- With integrated microphone
- Protects against duration noise and impulse sounds over 85 dB
- Perception of warning signals through microphone possible
- Volumes regulation through adjusting button



310.0135	Electronic padded ear protection with headband - black	250	

WELDING PROTECTION

Welding coat

- Double leather closure, front
- With hook and loop fastener
- Adjustable cuffs
- Lined collar and with hook and loop fastener for additional protection
- Inner pocket



	Size mm	
985.7000	L	1.80
985.7001	XL	1.80
985.7002	XXL	1.82
985.7003	XXXL	1.82

Welding apron

- Made from leather
- Adjustable in length
- Size of the waist adjustable
- Breast pocket



	Size mm	L mm	
985.7019	L	910.0	775
985.7020	XL	1080.0	775

Leather sleeves

- Dark brown
- Made from leather
- Ends with elastic band



	L mm	Content	
985.7021	400.0	2	320

Leather sleeves

- Light brown
- Made from leather
- Ends with elastic band



	L mm	Content	
985.7022	400.0	2	335

Welding leather gloves

- Made from leather
- Good, comfortable wear
- Can be used for applications with heat
- With open sleeves



	Size mm	
985.7034	M	365
985.7035	L	365
985.7036	XL	365
985.7037	XXL	365

Welding leather gloves, long

- Made from leather
- Extra long
- Good, comfortable wear
- Can be used for applications with heat
- With open sleeves



	Size mm	
985.7038	M	495
985.7039	L	495
985.7040	XL	495
985.7041	XXL	495

Flame proof mats

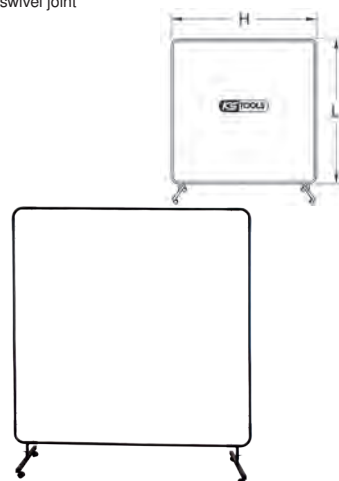
- Asbestos free
- Reduced fire risk
- Very flexible
- Good formability



	B mm	L mm	max. °C	
610.3350	330.0	500.0	700	330
610.3351	460.0	800.0	700	650
610.3399	1500.0	2000.0	600	2110

Frame for welding protection screen

- Very stable frame made from steel tubing
- With direct rolls
- With 360° swivel joint



	L mm	H mm	
985.7026	1780.0	1780.0	4.50

Welding protection awning

- Resistant against UV rays, flames and wear
- Edges with eyelets at 30cm intervals
- Without frame



	Colour code	L mm	H mm	
985.7027	Yellow	1740.0	1740.0	1.72
985.7028	Red	1740.0	1740.0	1.72
985.7029	Green	1740.0	1740.0	1.72

RESPIRATORY PROTECTION

Particle filter type	Retention capacity (half/quarter mask)	Material group
P 1 FFP1 R oder NR	Low (up to 4 times the general limit value*)	Fine dusts, fumes and aerosols on a water and oil basis Against non-toxic powders, e.g. aluminium oxide, bauxite, borax, brick dust, cellulose, pulp, cement, coal dust, plaster, limestone, pollen, sugar.
P 2 FFP2 R oder NR	Medium (up to 10 times the general limit value*)	Against harmful and cancer causing dusts on a water and oil basis As for FFP1 but up to a higher concentration, plus brake dust, calcium oxide, concrete dust, cotton dust, granite, hay, lead dust and fumes, welding fumes, silicon, sodium, wood dust, zinc oxide fumes.
P 3 FFP3 R oder NR	High (up to 30 times the general limit value*)	Against harmful and cancer causing dusts on a water and oil basis As for FFP2 but up to a higher concentration, plus ceramic fibres, chromate, chromium, cobalt, nickel, micro-organisms, radioactive and biochemically active aerosols.

FFP = Filtering face piece **MNS** = Mouth and nose protection **AGW** = General limit value

Mouth protection mask FFP1 without valve

- FFP1
- Without breathing apparatus
- Made from cotton



Class	Content	Icon
985.1110	FFP1	20 100

Fine dust filter mask FFP1 with valve

- FFP1
- With breathing apparatus
- With valve
- Made from cotton



Class	Content	Icon
985.1114	FFP1	20 300

Fold flat dust mask FFP1 without valve

- FFP1
- Without breathing apparatus
- Made from cotton



Class	Content	Icon
985.1112	FFP1	20 200

Fine dust filter mask FFP1 without valve

- FFP1
- Without breathing apparatus
- Made from cotton



Class	Content	Icon
985.1113	FFP1	20 200

Fine dust filter mask FFP2 with valve

- FFP2
- With breathing apparatus
- With valve
- Made from cotton



Class	Content	Icon
985.1115	FFP2	20 200

Half mask

- Double cartridges
- Breathing resistance: 0.5 mbar at 30l/min and 1.3 mbar at 95l/min
- Gas: A1; B1; E1; K1; A1E1; ABEK1
- Material: Silicon
- Supplied without gas and combination filter



Replacement	Icon
985.1117 985.1118 - 985.1123	120

Mouth protection mask FFP1 with valve

- FFP1
- With breathing apparatus
- With valve
- Made from cotton



Class	Content	Icon
985.1111	FFP1	20 200

Fine dust filter mask FFP3 with valve

- FFP3
- With breathing apparatus
- With valve
- Made from cotton



Class	Content	Icon
985.1116	FFP3	20 400

Filter for half mask

- Filter for half mask 985.1117
- Gas: A1; B1; E1; K1; A1E1; ABEK1
- Gas and combination filter
- Breathing resistance: 1 mbar at 15l/min



Class	Icon
985.1118 A1	60
985.1119 B1	60
985.1120 E1	60
985.1121 K1	60
985.1122 A1E1	60
985.1123 ABEK1	60

Specifications and rules for hand protection

In order to find the correct protective glove safely and quickly which is suitable for your work area, our products are divided into categories. This means you can find the glove that meets your requirements reliably:

I - low risk of injury

basic, mechanical protection against welding, fingerprints, etc.

II - specific risk of injury

excellent protection against mechanical exposure

III - irreversible damage and risk to life

highest protection against chemical, bacterial, thermal and static exposure



Fully adequate chemical protection (EN 374)



Basic chemical protection (EN 374)
for waterproof gloves with low protection against chemical substances



Protection against the cold (EN 511)



Protection against mechanical dangers (EN 388)
applies for the following physical and mechanical exposure:



Protection from heat and fire (EN 407)



Protection from ionising radiation (EN 421)



Protection from radioactive contamination (EN 421)



Bear the information brochure in mind (EN 420)



Suitable for processing foodstuffs

- **Wear resistance**
number of cycles required for the glove to wear through
- **Cut resistance**
number of cycles required to cut through the glove
- **Tear resistance**
force required to rip through the glove
- **Penetration resistance**
force required to puncture the glove

Vinyl single-use glove, transparent

- Only for use with minimal risks
- Made from vinyl
- Without powder coating
- Very comfortable design and fit
- Supple and comfortable
- Can be used for applications with foodstuffs, in hospitals and in laboratories



	Size mm	Content	KS TOOLS
310.0485	S	100 pcs	0.80
310.0486	M	100 pcs	0.90
310.0487	L	100 pcs	1.00
310.0488	XL	100 pcs	1.10

Vinyl single-use gloves, blue

- Only for use with minimal risks
- Made from vinyl
- With powder coating
- Very comfortable design and fit
- Supple and comfortable
- Can be used for applications with foodstuffs, in hospitals and in laboratories



	Size mm	Content	KS TOOLS
310.0465	S	100 pcs	0.80
310.0466	M	100 pcs	0.90
310.0467	L	100 pcs	1.00
310.0468	XL	100 pcs	1.10

Micro fine woven gloves - white

- CE / EN 388 [1131]
- Very comfortable design and fit
- Especially breathe able fabric
- With PU reinforced gripping palm
- Ideal for working with small parts
- Printed logo



	Size mm	Content	KS TOOLS
310.0450	L	12 pair	385
310.0455	XL	12 pair	435
310.0460	XXL	12 pair	482

Micro fine woven gloves - black

- CE / EN 388 [1131]
- Very comfortable design and fit
- Especially breathable fabric
- With PU reinforced gripping palm
- Ideal for working with small parts
- Printed logo



	Size mm	Content	
310.0470	L	12 pair	420
310.0475	XL	12 pair	430
310.0480	XXL	12 pair	445

Anti-slip gloves

- CE / EN 388 [4142] / EN 1149-5
- With PU coating
- Very comfortable design and fit
- Ideal for working with small parts
- Especially slip-proof
- With elasticated wrist band



	Size mm	
310.0426	M	40
310.0427	L	45
310.0428	XL	50

Chemical protection gloves

- CE / EN 388 [4232] / EN 374 GKL
- Made from nitrile
- Lined with jersey
- Can be used for heavy and dangerous work
- Suitable for work with chemicals, oils and greases
- With open sleeves



	Size mm	
310.0421	M	140
310.0422	L	155
310.0423	XL	165

Gloves

- CE / EN 388 [3142]
- Glove exterior surface made from polyester
- Glove interior made from nitrile
- Very comfortable design and fit
- Especially breathable fabric
- Good to wear



	Size mm	
310.0416	M	60
310.0417	L	65
310.0418	XL	70

Gloves, cut resistant

- CE / EN 388 [4343]
- With PU coating
- Especially cut resistant
- Ideal for working with small parts
- Very comfortable design and fit
- With elasticated wrist band
- With hook and loop fastener



	Size mm	
310.0441	M	60
310.0442	L	65
310.0443	XL	70

Winter gloves

- CE / EN 388 [2142] / EN 511 12X
- Made from latex and synthetic material
- Very comfortable design and fit
- Especially breathable fabric
- Good to wear
- Ideal for the winter
- Ideal for working with cold
- With hook and loop fastener



	Size mm	
310.0411	M	110
310.0412	L	120
310.0413	XL	135

Gloves

- CE / EN 388 [2142]
- Made from nitrile
- With silicone gel padding in the palm area
- Good to wear
- With elasticated wrist band



	Size mm	
310.0431	M	60
310.0432	L	65
310.0433	XL	70

Gloves, extremely cut resistant

- CE / EN 388 [3542]
- Glove exterior with PU coating
- Glove interior made from glass fibre
- Extremely cut resistant
- Ideal for working with small parts
- Very comfortable design and fit
- Good to wear
- With elasticated wrist band



	Size mm	
310.0446	M	100
310.0447	L	110
310.0448	XL	125



Welding leather gloves

- Made from leather
- Good, comfortable wear
- Can be used for applications with heat
- With open sleeves



	Size mm		
985.7034	M	365	
985.7035	L	365	
985.7036	XL	365	
985.7037	XXL	365	

Welding leather gloves, long

- Made from leather
- Extra long
- Good, comfortable wear
- Can be used for applications with heat
- With open sleeves



	Size mm		
985.7038	M	495	
985.7039	L	495	
985.7040	XL	495	
985.7041	XXL	495	

Leather mechanic glove

- CE / EN 388 [2112]
- Universal use for work and leisure
- Ideal for working with small parts secure grip
- Inner palm - synthetic material leather
- With anti-vibration protection
- With elasticated wrists
- With hook and loop fastener



	Size mm		
310.0250	L	95	
310.0255	XL	95	
310.0260	XXL	100	

Leather mechanic gloves displays

- CE / EN 388 [2112]
- Universal use for work and leisure
- Ideal for working with small parts secure grip
- With anti-vibration protection
- With elasticated wrists
- With hook and loop fastener



	Content L	Content XL	Content XXL		
310.0250D	20			2.67	
310.0255D		20		2.72	
310.0260D			20	2.73	
310.0240D	10	10	10	3.99	

Mechanic gloves

- CE / EN 388 [2112]
- Universal use for work and leisure
- Ideal for working with small parts secure grip
- With silicone gel padding in the palm area
- With elasticated wrists
- With hook and loop fastener



	Size mm		
310.0350	L	85	
310.0355	XL	90	
310.0360	XXL	95	

Mechanic gloves displays

- CE / EN 388 [2112]
- Universal use for work and leisure
- Ideal for working with small parts secure grip
- With silicone gel padding in the palm area
- With elasticated wrists
- With hook and loop fastener



	Content L	Content XL	Content XXL		
310.0350D	20			2.49	
310.0355D		20		2.36	
310.0360D			20	2.64	
310.0340D	10	10	10	3.73	

Insulated electrician's protective gloves made from natural latex

- Dielectric latex gloves
- Insulated to DIN EN 60903
- With anatomical fit
- Anti-allergy treated
- With straight edge
- UV-resistant packaging

The use of glove liners is recommended for absorbing skin moisture and for better ventilation.

Attention: Over-gloves are necessary for mechanical protection!



	Thickness mm	Size mm	Electrosafe Class	L mm			
117.1762	2,0	10	0	410,0			470

Insulated electrician's protective gloves made from natural latex

- Dielectric latex gloves
- Insulated to DIN EN 60903
- With anatomical fit
- Anti-allergy treated
- With straight edge
- UV-resistant packaging

The use of glove liners is recommended for absorbing skin moisture and for better ventilation.

Attention: Over-gloves are necessary for mechanical protection!



	Thickness mm	Size mm	Electrosafe Class	L mm			
117.1756	1,0	9	00	410,0			196
117.1757	1,0	10	00	410,0			196

Insulated electrician's protective gloves made from natural latex

- Dielectric latex gloves
- Insulated to DIN EN 60903
- With anatomical fit
- Anti-allergy treated
- With straight edge
- UV-resistant packaging

The use of glove liners is recommended for absorbing skin moisture and for better ventilation.

Attention: Over-gloves are necessary for mechanical protection!



	Thickness mm	Size mm	Electrosafe Class	L mm			
117.1132	2,0	10	1	360,0			250
117.1133	2,0	10	3	410,0			690
117.1134	2,5	10	4	410,0			890

FOOT PROTECTION

Symbol	Properties	S1	S1P	S2	S3	S4
	Toe protection cap made from steel or plastic	✓	✓	✓	✓	✓
	Oil, hydrocarbon and solvent resistant sole	✓	✓	✓	✓	✓
	Anti-static shoe	✓	✓	✓	✓	✓
	Energy absorption in the heel area	✓	✓	✓	✓	✓
	Anti slip safety sole	X	X	X	✓	X
	Constancy against through arch repeated > 60.000	✓	✓	✓	✓	✓
	Resistant against water	X	✓	✓	✓	✓
	Insole and through sole insert	X	✓	X	✓	X

Declaration and construction of the EN safety classes

EN Europe standard	20345 Standard no.	S1 Safety class (see table)	CI Additional designation: • CI (cold insulation) • HRO (resistance against heat) • P (perforation protection)
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EN 20345 safety boots, energy absorption of the toe protection cap 200 joules

Comfort foot bed inlay

- To maintain the anatomical bone position
- For correction of the body plumb line
- Comfortable, support and weight distributing
- Edgeless cushion, anatomically formed
- Made from materials used in orthopaedic shoe technology
- Active basis of the ligamentous and support apparatus of the whole body
- Impact absorbing function

Material:

Cotton mixed fabric (perspiration-absorbing, anti-bacterial, washable)


Safety shoes

- DIN EN ISO20345:2004 S1P + SRC-09
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000


Safety shoes

- DIN EN ISO20345:2011 S1P + SRC Class 2
- Extremely breathable
- Very light
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	g
310.1500	37	38
310.1505	38	38
310.1510	39	40
310.1515	40	40
310.1520	41	42
310.1525	42	45
310.1530	43	50
310.1535	44	50
310.1540	45	50
310.1545	46	50
310.1550	47	52

	Size mm	kg
310.0500	37	1.14
310.0505	38	1.19
310.0510	39	1.24
310.0515	40	1.30
310.0520	41	1.36
310.0525	42	1.42
310.0530	43	1.48
310.0535	44	1.54
310.0540	45	1.60
310.0545	46	1.66
310.0550	47	1.72

	Size mm	kg
310.1400	37	1.15
310.1405	38	1.19
310.1410	39	1.24
310.1415	40	1.27
310.1420	41	1.30
310.1425	42	1.35
310.1430	43	1.41
310.1435	44	1.48
310.1440	45	1.54
310.1445	46	1.54
310.1450	47	1.60

Safety boots, blue

- DIN EN ISO20345:2011 S1P + SRC Class 2
- Very modern style
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.2000	37	1.15
310.2005	38	1.19
310.2010	39	1.24
310.2015	40	1.27
310.2020	41	1.30
310.2025	42	1.35
310.2030	43	1.41
310.2035	44	1.48
310.2040	45	1.54
310.2045	46	1.54
310.2050	47	1.60

Safety shoes

- DIN EN ISO20345:2011 S1P + SRC Class 2
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.0800	37	1.42
310.0805	38	1.55
310.0810	39	1.46
310.0815	40	1.57
310.0820	41	1.58
310.0825	42	1.58
310.0830	43	1.58
310.0835	44	1.85
310.0840	45	1.88
310.0845	46	1.85
310.0850	47	1.88

Safety boots with air cushions, white

- DIN EN ISO20345:2011 S1P + SRC Class 2
- With air cushions
- Very sporty style
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.1900	37	1.15
310.1905	38	1.19
310.1910	39	1.24
310.1915	40	1.27
310.1920	41	1.30
310.1925	42	1.35
310.1930	43	1.41
310.1935	44	1.48
310.1940	45	1.54
310.1945	46	1.54
310.1950	47	1.60

Safety boots, beige

- DIN EN ISO20345:2011 S1P + SRC Class 2
- Very modern style
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.2100	37	1.15
310.2105	38	1.19
310.2110	39	1.24
310.2115	40	1.27
310.2120	41	1.30
310.2125	42	1.35
310.2130	43	1.41
310.2135	44	1.48
310.2140	45	1.54
310.2145	46	1.54
310.2150	47	1.60

Safety boots with air cushions, blue

- DIN EN ISO20345:2011 S1P + SRC Class 2
- With air cushions
- Very sporty style
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.1200	37	1.15
310.1205	38	1.19
310.1210	39	1.24
310.1215	40	1.27
310.1220	41	1.30
310.1225	42	1.35
310.1230	43	1.41
310.1235	44	1.48
310.1240	45	1.54
310.1245	46	1.54
310.1250	47	1.60

Safety boots with air cushions, red

- DIN EN ISO20345:2011 S1P + SRC Class 2
- With air cushions
- Very sporty style
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces



	Size mm	kg
310.1600	37	1.15
310.1605	38	1.19
310.1610	39	1.24
310.1615	40	1.27
310.1620	41	1.30
310.1625	42	1.35
310.1630	43	1.41
310.1635	44	1.48
310.1640	45	1.54
310.1645	46	1.54
310.1650	47	1.60

Safety boots

- DIN EN ISO20345: 2011 S3 + SRC Class 2
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces


Safety boots

- DIN EN ISO20345: 2011 S1P + SRC Class 2
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- With replacement shoelaces


KS Tools safety boot

- Safety boot S3 with steel toe cap
- Resistant against water and moisture
- In addition with steel inserted sole
- For use in dangerous areas stops sharp objects entering the sole



	Size mm	kg
310.1300	37	1.15
310.1305	38	1.19
310.1310	39	1.24
310.1315	40	1.27
310.1320	41	1.30
310.1325	42	1.35
310.1330	43	1.41
310.1335	44	1.48
310.1340	45	1.54
310.1345	46	1.54
310.1350	47	1.60

	Size mm	kg
310.0900	37	1.42
310.0905	38	1.55
310.0910	39	1.42
310.0915	40	1.55
310.0920	41	1.85
310.0925	42	1.88
310.0930	43	1.85
310.0935	44	1.88
310.0940	45	1.88
310.0945	46	1.88
310.0950	47	1.88

	Size mm	kg
310.0700	37	1.52
310.0705	38	1.58
310.0710	39	1.64
310.0715	40	1.70
310.0720	41	1.76
310.0725	42	1.82
310.0730	43	1.88
310.0735	44	1.94
310.0740	45	2.00
310.0745	46	2.06
310.0750	47	2.12

Safety shoe - ankle type

- DIN EN ISO20345:2004 S1P + SRC-09
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Anti-slip safety sole
- Constancy against through arch repeated > 60.000
- Resistant against water


Safety boots S3

- DIN EN ISO20345: 2011S3 + SRC Class 2
- Rubber safety sole
- Safety steel toe cap
- Energy absorption in the heel area
- Anti-static shoe
- Oil, hydrocarbon and solvent resistant sole
- Constancy against through arch repeated > 60.000
- Resistant against water
- With replacement shoelaces


Insulated safety rubber boots

- For working environment of voltages AC 1000 V and DC 1500 V
- In accordance with new standard EN 50321
- With steel bar



	Size mm	kg
310.0600	37	1.49
310.0605	38	1.55
310.0610	39	1.61
310.0615	40	1.66
310.0620	41	1.72
310.0625	42	1.78
310.0630	43	1.84
310.0635	44	1.90
310.0640	45	1.96
310.0645	46	2.02
310.0650	47	2.08

	Size mm	kg
310.2200	37	1.60
310.2205	38	1.15
310.2210	39	1.19
310.2215	40	1.24
310.2220	41	1.27
310.2225	42	1.30
310.2230	43	1.35
310.2235	44	1.41
310.2240	45	1.48
310.2245	46	1.54
310.2250	47	1.54

	Size mm	⚡ 1000V 1500V	kg
117.1613	39	1000V	3.00
117.1614	40	1000V	3.00
117.1615	41	1000V	3.00
117.1616	42	1000V	3.00
117.1617	43	1000V	3.00
117.1618	44	1000V	3.00
117.1619	45	1000V	3.00
117.1620	46	1000V	3.00
117.1621	47	1000V	3.00

Sales support for shoes

- Eyecatching presentation
- Supplied with 3 shelves a 400 x 280 mm
- Adjustable height
- Delivery without shoes



	L mm	B mm	kg
310.0990	2000.0	80.0	15.40


T-SHIRTS
T-Shirt

- With stretch collar
- Printed logo
- Washable up to 30°

Material:
100% Cotton



	Size mm	kg
985.0172	M	200
985.0173	L	210
985.0174	XL	225
985.0175	XXL	230

T-Shirt

- With stretch collar
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	kg
986.0011	S	200
986.0012	M	210
986.0013	L	225
986.0014	XL	240
986.0015	XXL	255

T-Shirt

- With stretch collar
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	kg
986.0021	S	195
986.0022	M	210
986.0023	L	225
986.0024	XL	240
986.0025	XXL	255

T-Shirt, red-black

- With stretch collar
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	kg
986.0131	S	210
986.0132	M	225
986.0133	L	240
986.0134	XL	250
986.0135	XXL	260

T-Shirt, white-black

- With stretch collar
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	kg
986.0141	S	210
986.0142	M	225
986.0143	L	240
986.0144	XL	250
986.0145	XXL	260

POLO SHIRTS
Polo shirt

- With 3 button fastening
- Reinforced double seams
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	kg
986.0031	S	210
986.0032	M	230
986.0033	L	245
986.0034	XL	260
986.0035	XXL	275

Polo shirt

- With 3 button fastening
- Reinforced double seams
- Embroidered logo
- Washable up to 35°

Material:
100 % Cotton



	Size mm	
986.0041	S	215
986.0042	M	235
986.0043	L	255
986.0044	XL	270
986.0045	XXL	285

SHIRTS
Business shirt

- Non iron
- With spread collar
- With breast pocket
- Long sleeve
- Embroidered logo
- Washable up to 45°

Material: 100% Cotton



	Size mm	
986.0051	S	280
986.0052	M	290
986.0053	L	300
986.0054	XL	310
986.0055	XXL	320

SOFTSHELLJACKETS
Softshellvest

- With antipilling fabric
- With zip fastener
- Embroidered logo
- Washable up to 45°

Material: 100% Polyester



	Size mm	
986.0091	S	730
986.0092	M	750
986.0093	L	770
986.0094	XL	790
986.0095	XXL	810

SWEATSHIRTS/SWEATERS
Sweatshirt

- With elastic cuffs
- Embroidered logo
- Washable up to 35°

Material:
80% Cotton
20% Polyester



	Size mm	
986.0071	S	490
986.0072	M	515
986.0073	L	530
986.0074	XL	550
986.0075	XXL	570

Sport shirt

- Non iron
- With spread collar
- With breast pocket
- Long sleeve
- Embroidered logo
- Washable up to 45°

Material: 100% Cotton



	Size mm	
986.0061	S	280
986.0062	M	290
986.0063	L	300
986.0064	XL	310
986.0065	XXL	320

Softshellvest

- With antipilling fabric
- With zip fastener
- Two full sized pockets with double seam
- Embroidered logo
- Washable up to 45°

Material: 100% Polyester



	Size mm	
986.0101	S	620
986.0102	M	640
986.0103	L	660
986.0104	XL	680
986.0105	XXL	700

Sweatshirt

- With elastic cuffs
- Embroidered logo
- Washable up to 35°

Material:
80% Cotton
20% Polyester



	Size mm	
986.0081	S	490
986.0082	M	515
986.0083	L	530
986.0084	XL	550
986.0085	XXL	570

Unisex Ultimate Precision shirt, black

- Easy care fabric
- Long sleeve
- Logo stitched and ironed
- Washable up to 30°

Material:
100% Cotton



	Size mm	
985.0751	S	290
985.0752	M	300
985.0753	L	310
985.0754	XL	320
985.0755	XXL	330

FLEECE JACKETS
Fleece jacket

- With antipilling fabric
- With zip fastener
- Two full sized pockets with double seam
- Embroidered logo
- Washable up to 35°

Material: 100% Polyester



	Size mm	
986.0111	S	525
986.0112	M	550
986.0113	L	570
986.0114	XL	590
986.0115	XXL	610

Fleece jacket

- With antipilling fabric
- With zip fastener
- Two full sized pockets with double seam
- Embroidered logo
- Washable up to 35°

Material: 100% Polyester



	Size mm	
986.0121	S	525
986.0122	M	550
986.0123	L	570
986.0124	XL	590
986.0125	XXL	610

TROUSERS

Work shorts

- With various universal pockets
- Embroidered logo
- Washable up to 60°

Material:
65% cotton
35% polyester



	Size mm	
985.0660	48	380
985.0661	50	405
985.0662	52	435
985.0663	56	470
985.0664	60	500

Work trousers

- With elasticated waistband inserts
- With hammer loop
- With various universal pockets
- Embroidered logo

Material:
65% cotton
35% polyester



	Size mm	
985.0670	48	660
985.0671	50	685
985.0672	52	705
985.0673	56	703
985.0674	60	750

Work dungarees

- With various universal pockets
- Adjustable strap with clip closures
- Adjustable drawstring on the leg
- Embroidered logo

Material:
65% cotton
35% polyester



	Size mm	
985.0650	48	880
985.0651	50	900
985.0652	52	915
985.0653	56	935
985.0654	60	955



WORK COAT

Smock - red-black

- With button fasteners
- With various universal pockets
- Embroidered logo
- Washable up to 60°

Material:
100% Diagonal-Cotton



	Size mm	
985.0741	L	600
985.0742	XL	640
985.0743	XXL	680

OVERALL

Overall - red-black

- With zip fastener
- With various universal pockets
- With padding
- Embroidered logo
- Washable up to 30°

Material:
35% Cotton
65% Polyester



	Size mm	
100391	M	1.03
100392	L	1.07
100393	XL	1.10
100394	XXL	1.16





KSTOOLS®

*Innovation is
our mission!*

**INDUSRIAL SAFETY/
WORKWEAR**

- Head protection
- Eye protection
- Hearing protection
- Welding protection
- Respiratory protection
- Hand protection
- Foot protection

