



TECHNICAL SHEET

ALUMINIZED GAITERS

HKAL30B (H.TKAL30B) – HKAL42B (H.TKAL42B)

Gaiters made of 540 g/m² aluminized aramid fiber fabric. Velcro side fastening. All seams in 50/3 Kevlar yarn. Snap fasteners compatible with POSEIDON/B and APOLLO/B shoe models.

SIZES:

One size – mod. S (38-41)

One size – mod. M (42-45)

One size – mod. L (46-48)

HEIGHT HKAL30B: 30 cm

HEIGHT HKAL42B: 42 cm

Rev. 00/2023

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BEST PROTECTION

FROM HEAT:



EN ISO 11611:2015

Protective clothing for welding and allied processes

Little splashes of molten metal and radiant heat
CLASSE 2
Resistance to surface flame A1
Resistance to edge flame A2



EN ISO 11612:2015

Protective clothing against heat and flame

Limited flame spread A1+A2
Convective heat B1
Radiant heat C3
Molten aluminium splashes D3
Molten iron splashes E2
Contact heat F1

PPE CATEGORY: III

HKAL30B (H.TKAL30B) – HKAL42B (H.TKAL42B)

EU DECLARATION OF CONFORMITY:

Manufacturer, **IDEE COCCO ITALIA srl - Via Spinino 11/1 - 36050 Montorso Vicentino (VI)**

declares under his sole responsibility that the following personal protective equipment (PPE) is in conformity with the safety and health requirements of the EU Regulation 2016/425 Annex II and with harmonized standards listed below, and declares that it is identical to PPE object of the EU Type Examination Certificate (Module B) issued by the Notified Body RICOTEST Srl n°0498

Code and Product name	Description	Reference standard	Notified body	Certificate n°
H.TKAL30B	Aluminized gaiters with button	EN ISO 11611:2015 EN ISO 11612:2015	0498	166234202/OI
H.TKAL42B	Aluminized gaiters with button	EN ISO 11611:2015 EN ISO 11612:2015	0498	166234203/OI

The present PPE is subject to the conformity to type based on internal production control plus supervised product checks at random intervals (Module C2) under the supervision of the Notified Body RICOTEST Srl n°0498.

Montorso Vicentino, 16.10.2023

The legal representative
Valentino Cocco



COVAL SAFETY

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Cod.Fisc. e P.Iva IT00525590246
Ischr. REA VI 134781 AIA 0039197
Registro imprese 131094/1997



Class: S3 M HRO SRC
 Sizes: 38-48
 Instep: 12
 Weight(±10%):700 gr. (*)

TECHNICAL SHEET ART. APOLLO

Description High shoe in smooth grain leather water-repellent, black color, with quick release and metatarsal protection, black colour, 100% polyester lining, non-metallic insole lining HRP INSOLE, Light & Soft insole, antistatic and breathable, bi-component sole (rubber-polyurethane) abrasion resistant, oil resistant, antistatic and heat resistant
Suggested sectors of usage Steel industries/Foundries, mechanical industry, naval industry, mineral industry
Care and maintenance Clean periodically the outsole and the upper with non aggressive substances which could compromise quality, safety and durability of the shoe, do not dry close to direct heat source



Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirements
Toe cap: Top Composite toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	15,0	>= 14
	5.3.2.4	Compression resistance	mm	14,5	>= 14
Midsole: non metallic HRP Insole with high tenacity fibres layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
Antistatic footwear: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	75,6	>= 0,1
		- Dry	Mohm	233	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	35,0	>= 20
Upper: smooth grain leather water-repellent, black color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,0	>= 0,8
		Coefficient of permeability	mg/cmq	16,8	>= 15
	5.4.3	Tearing Strength	N	199	>= 120
Vamp lining: non woven textile for toe cap, grey color	5.5.3	Water vapour permeability	mg/cmq h	3,4	>= 2
		Coefficient of permeability	mg/cmq	30,2	>= 20
	5.5.1	Tearing Strength	N	30	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, red colour	5.5.3	Water vapour permeability	mg/cmq h	6,8	>= 2
		Coefficient of permeability	mg/cmq	54,4	>= 20
	5.5.1	Tearing Strength	N	25	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
Insole lining: textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm ²	78	>= 70
		Ability to release water		99%	>= 80%
Sole: nitril rubber outsole applied to a polyurethane midsole with low density and completely injected; abrasion resistant, oil resistant, antistatic and heat resistant	5.8.2	Tearing Strength	kN/m	8,4	>= 8
	5.8.3	Abrasion resistance	mm ³	137	<= 150
	5.8.4	Bending resistance	mm	2,0	<= 4
	6.4.2	Hydrolysis	%	5%	<= 12%
	5.11	Hydrocarbons resistance (volume increase)	flat	0,45	>= 0,32
		Slip resistance on ceramic floor with water and detergent	inclined	0,32	>= 0,28
	Slip resistance on steel floor with glycerine	flat	0,22	>= 0,18	
		inclined	0,13	>= 0,13	

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + 14362-3:2012 - Textile)

(*) = Indicative weight that refers to ½ pair in size 42

Class: S3 HRO SRC
 Sizes: 38-48
 Instep: 12
 Weight(±10%): 660 gr. (*)

TECHNICAL SHEET ART. POSEIDON

Description High shoe in smooth grain leather water-repellent, black color, 100% polyester lining, non-metallic insole lining HRP INSOLE, Light & Soft insole, antistatic and breathable, bi-component sole (rubber-polyurethane) abrasion resistant, oil resistant, antistatic and heat resistant
Suggested sectors of usage Building/construction, utilities, steel industry/foundries, mechanical industry, farming/zootechnics, petrochemical industry, oil & gas industry, naval industry, mineral industry
Care and Maintenance Clean periodically the outsole and the upper with non aggressive substances which could compromise quality, safety and durability of the shoe, do not dry close to direct heat source



Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirement
Toe cap: Top Composite toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,5	>= 14
	5.3.2.4	Compression resistance	mm	14,0	>= 14
Midsole: non metallic HRP Insole with high tenacity fibres layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
Antistatic footwear: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	524	>= 0,1
		- Dry	Mohm	947	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	38,0	>= 20
Upper: smooth grain leather water-repellent, black color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,0	>= 0,8
		Coefficient of permeability	mg/cmq	16,8	>= 15
	5.4.3	Tearing Strength	N	199	>= 120
Vamp lining: non woven textile for toe cap, grey color	5.5.3	Water vapour permeability	mg/cmq h	3,4	>= 2
		Coefficient of permeability	mg/cmq	30,2	>= 20
	5.5.1	Tearing Strength	N	30	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, red color	5.5.3	Water vapour permeability	mg/cmq h	6,8	>= 2
		Coefficient of permeability	mg/cmq	54,4	>= 20
	5.5.1	Tearing Strength	N	25,0	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
	Abrasion resistance (wet)	cycles	no rupture	25.600	
Insole lining: textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm ²	82	>= 70
		Ability to release water		97%	>= 80%
Sole: nitril rubber outsole applied to a polyurethane midsole with low density and completely injected; abrasion resistant, oil resistant, antistatic and heat resistant	5.8.2	Tearing Strength	kN/m	8,4	>= 8
	5.8.3	Abrasion resistance	mm ³	137	<= 150
	5.8.4	Bending resistance	mm	2,0	<= 4
	6.4.2	Hydrocarbons resistance (volume increase)	%	5,0%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,45	>= 0,32
		Slip resistance on steel floor with glycerine	inclined	0,32	>= 0,28
		flat	0,22	>= 0,18	
		inclined	0,13	>= 0,13	

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + 14362-3:2012 Textile)
 (*) = Indicative weight that refers to ½ pair in size 42