

U GROUP SRL

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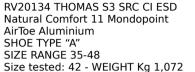
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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES























DESCRIPTION

Lightweight safety work shoes with upper in Nubuck-effect soft microfibre.

These **low work shoes**, with **AirToe Aluminium** light toe cap, ir **S3 SRC CI ESD** protection class, feature an **ultra-light sole** buil using a new generation **anti-abrasion**, **anti-oil**, **anti-slip** and **antistatic** PU compound.

The brand new **puncture-proof textile insole** makes these **work shoes lighter** than traditional models ensuring the protection of the sole of the foot.

The use of these **innovative materials** for the outsole and the anti-puncture system, together with the **Airtoe® aluminium tocap**, allow a **considerable reduction in the overall weight of the work footwear**, which greatly benefits the performance and well-being of the worker.

CI safety footwear, with special protection of the sole from th cold, ideal for: electricians, carpenters, craftsmen, warehouse workers, and for workers in the transport & logistics sector.

The **U-Power Original insole**, built using a light polyurethane compound ensures comfort and foot health thanks to its **antibacterial**, **anatomical** and **breathable characteristics**. **WingTex Air tunnel lining**.

Safety shoes for men and women.

	TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
	SAFETY TOE CAP "AirToe Aluminium"	20345:2011	RESULT
	Impact resistance. Free heights after collision mm	≥ 14	19,0
, in	Compressive strength. Free heights after compr. mm	≥ 14	19,5
uilt	INSOLE "Save & Flex Air"		
	Puncture resistance N	≥ 1100	Compliant
	ELECTRICAL RESISTANCE CATEGORY		
	Environmental class 1 - 12% humidity	10^5 Ω e 10^9 Ω (0,1 M Ω a 100 M Ω)	< 10 ⁸ Ohm
	Environmental class 2 - 25% humidity	$10^5 \Omega$ e $10^9 \Omega$ (0,1 MΩ a 100 MΩ)	$< 10^{8} \text{ Ohm}$
	Environmental class 3 - 50% humidity	$10^5 \Omega$ e $10^9 \Omega$ (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
9	UPPER DYNAMIC WATERPROOFING AFTER 60'		
:oe	Water absorption after 60'	≤ 30%	0
of	Water transmitted after 60'	≤ 0.2 gr	15.7
nd	Permeability to water vapor mg/(cm ² h)	≥ 0.8	1.5
_	Permeability coefficient mg/cm ²	≥ 15	15.1
the	VAMP LINING		
	Permeability to water vapor mg/(cm ² h)	≥ 2	96.3
	Permeability coefficient mg/cm ²	≥ 20	770.5
	Resistance to abrasion - DRY cycles	25600 cycles	No hole
	Resistance to abrasion - WET cycles	12800 cycles	No hole
	INSOLE		
	Abrasion resistance	≥ 400 cycles	No damage
	SOLE WEAR		
	Abrasion resistance (volume loss) mm ³	≤ 150	37
	Bending resistance mm	≤ 4	0,8
	Resistance to sole / midsole detachment N/mm	≥ 3	N.A.
	Hydrocarbons resistance (% volume variation)	≤ 12	2,1
	Heel energy absorption J	≥ 20	26
	Adherence coef. with EN 13207 SRB method	≥ 0.18	0,28
	Adherence coef. with EN 13207 SRA method	≥ 0.32	0,38