TOWORKFOR®





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SIZES 36 - 47



NORMS EN ISO 20345:2011

CARBONLIGHT TOE CAP

\$3 - Closed heel area with the following characteristics:

- A Antistatic footwear
- E Heel energy absorption
- FO Resistance to fuel oil of the outsole
- P Penetration resistance sole
- WRU Water penetration resistant uppers

ADDITIONAL CHARACTERISTICS:

SRC - Slip resistance on ceramic + sodium lauryl sulfate and steel + glycerin

HRO - Resistance to hot contact of the outsole

ADVANTAGES

RESISTANCE TO WATER ABSORPTION

Breathable | Comfortable | Excellent anti-slip features | Water-resistant materials | Non-metallic

WORKING ENVIRONMENT

100% NON METALLIC

MECHANIC | CONSTRUCTION | ENGINEERING | OIL PLATFORMS OUTDOOR JOBS





NITRILE RUBBER









PAG. 2/2 CERTIFICATION NUMBER



TECHNICAL INFORMATION

MATERIALS S	TANDARDS	DESCRIPTION	UN.	RESULTS	REQ. EN ISO 20345:2011
UPPER - BLACK FLOATER - PRINTED LEATHER - Long lasting, flexit breathable, and water resistannt materials.	6.3 6.13	WATER VAPOUR PERMEABILITY COEFFICIENT OF PERMEABILITY TEARING STRENGTH TRANSMITED WATER AFTER 60 MIN ABSORVED WATER 60 MIN	mg/cm² mg/cm² N g %	9,7 83,4 321 0 4.5	min. 0,8 min. 15 min. 120 max. 0,2 max. 30
UPPER LINING POROMAX - Innovative technology due to the structure of the internal chambers that removes hot and moist air from the top of the shoe and facilitates the uniform distribution of temperature inside the shoes.	6.6+6.8	WATER VAPOUR PERMEABILITY COEFFICIENT OF PERMEABILITY TEARING STRENGTH	mg/cm ² mg/cm ² N	120,4 963,0 41,9	min. 2,0 min. 20 min. 15
HEEL LINING CAMBRELLE - Offer a combination of abrasion resistance and moisture management to keep feet cool, dry, and comfortable even in extreme conditions.	5.5.1 6.12	TEARING STRENGTH ABRASION RESISTANCE (DRY) ABRASION RESISTANCE (WET)	N - -	18 approved approved	min. 15 51.200 25.600
INSOLE Q-FLEX - Anti-perforation, non-metallic and anti-static insole.	6.2.1.1	PERFORATION RESISTANCE	N	approved	no perforation
INSOCK BIORELAX - Anti-fatigue , antibacterial and 100% breathable	5.5.2 7.2	ABRASION RESISTANCE (DRY) ABRASION RESISTANCE (WET) WATER DESORPTION WATER ABSORPTION	cycles cycles % mg/cm2	approved approved - -	25.600 12.800 min 80 min 70
SOLE MICHELIN NORTH NITRILE RUBBER - The Michelin North sole it's multifunctional, designed for all outdoor work activities allowing full control.	8.2 8.3 8.4 8.6	TEARING STRENGTH ABRASION RESISTANCE BENDING RESISTANCE OIL RESISTANCE VOLUME VARIATION OIL RESISTANCE INCREASED TOUGHNESS	N/mm mm³ mm % Shore A	9,8 100 - 2,1 <10	min. 4,0 max. 150 max. 4 max 12 max 10
FULL SHOE	5.11 5.4 5.5 5.14 5.2	SLIP RESISTANCE IN CERAMIC WITH WATER AND DETERGENT SLIP RESISTANCE IN STAINLESS WITH GLYCERINE IMPACT RESISTANCE COMPRESSE STRENGTH SHOCK ABSORPTION (HEEL) ADHESION STRENGTH SOLE/CUT	flat heel flat heel mm mm J N/mm	0,38 0,34 0,20 0,16 21,0 20,0 101 6,2	min. 0,32 min. 0,28 min. 0,18 min. 0,13 min. 14,0 min. 14,0 min. 20 min. 4,0

SHOE WEIGHT (SIZE 42): 674g

