



TITAN X VW256.02

Safety Specification

EN ISO 20345:2022+A1:2024 S5 FO SR



TOECAP



PUNCTURE-
RESISTANT
(METAL)



WATERPROOF



FUEL OIL-
RESISTANT



ANTI-
STATIC



ENERGY
ABSORPTION

Size

Available in sizes:
3 - 13 (36 - 48)

Weight

1,115g
based on a size 8 (42)

Description

- A durable safety wellington with a comfort toecap and protective midsole
- Grip and stability assured with a high-performing slip-resistant tread
- Comfort and durability from a flexible PVC and Nitrile Rubber construction
- Feet given further protection as this boot is resistant to several contaminants
- Upper can be cut down to 3 different heights for wearer convenience

Toecap

Feet are kept safe and comfortable with a generous-fit steel toecap which is corrosion-resistant and tested to 200 Joules.

Protective midsole

Feet are kept safe from sharp items entering underfoot with a flexible corrosion and pierce-resistant steel midsole, tested to 1,100N.

Sole

Slip safety is assured through a reinforced red PVC/Nitrile rubber sole. featuring a tread pattern to ensure excellent grip on wet and muddy terrain.

Upper

A black rubber upper with reinforced mouldings and toe bumper, internal trouser grips and heel kick off spur. For comfort and convenience, the upper can be cut down to three heights.

Footbed

Feet are supported with a moulded foam insole with a hard-wearing top fabric to increase durability.

Lining

Long-lasting comfort with a durable polyester lining.

EN ISO 20345:2022 standards for general purpose safety footwear, plus additional (optional) safety features.

Features	Test Performed	Safety Classifications													
		SB	S1	S2	S3	S3L	S3S	S4	S5	S5L	S5S	S6	S7	S7L	S7S
	Slip resistance now seen as mandatory, so no symbol given	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SB	Safety toecap protection only, tested with 200 J impact and 15 kN compression force	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A	Anti-static: electrical resistance between foot and ground of between 0.1 and 1,000 mega ohms*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E	Energy absorption of the seat region: energy absorbed to be not less than 20 J		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA	Water penetration and absorption (water-resistant and breathable)			✓	✓	✓	✓					✓	✓	✓	✓
WR	Water-resistant footwear (waterproof membrane)											✓	✓	✓	✓
P	(Metal insert type P) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N				✓				✓				✓		
PL	(Non-metal insert type PL) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N and no separation of the layers shall occur during all tests					✓				✓				✓	
PS	(Non-metal insert type PS) Penetration-resistant outsole: Average penetration value shall not be less than 1,100 N with no single value shall be lower than 950 N						✓				✓				✓

Additional Safety Features

HRO	Heat-resistant outsole compound: shall withstand 300°C for 60 seconds
FO	Resistance to fuel oil
LG	Ladder grip
SC	Scuff cap abrasion resistance
CR	Cut-resistant upper: cut-resistant index to exceed 2.5
M	Metatarsal protection 100 J impact energy
SR	Slip test will feature glycerine on ceramic tile surface
C	Partially conductive footwear. The electrical resistance shall not be greater than 0.1 mega ohms between foot and ground*
CI	Insulation against the cold: 30 minutes at -17°C, the decrease shall not be more than 10°C
HI	Insulation against heat: 30 minutes at 150°C, the rise shall not be higher than 22°C
AN	Ankle protection: 10 N impact mean transferred force shall not exceed 10 kN and no single value shall exceed 15 kN

FOOT HEALTH

For foot health advice, scan the QR code.



BOOT CARE

For boot care advice, scan the QR code.

