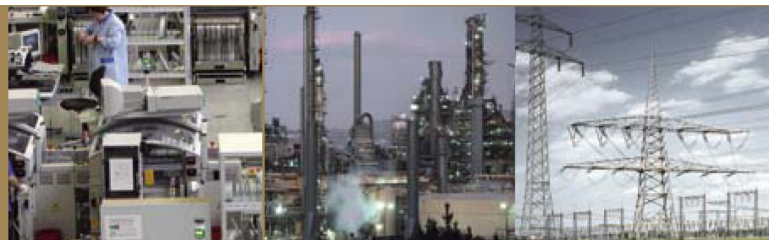


More choices

French designed, latest European style, two colors and multiple-functions at your option



Grey color + suede
+ permeable mesh

Order No.	Style	Product Name
SP2010901	Grey color	Lancer S1 anti-static, toe-protection safety shoes
		Lancer S1P anti-static, toe-protection, puncture-proof safety shoes
		Lancer CEI electric insulation, toe-protection safety shoes

Sizes: 35 - 47

Protecting toes

Conforming to GB21148-2007, the polycarbonate cap have good anti-smashing performance, so as to protect toes better.

Better electric insulation property

There're no metal parts anywhere in the shoes, making the electric insulation shoes safer.

Never getting rusty

'Non-metal' can virtually eliminate the rust issue that is making trouble to conventional safety shoes.

Stable performance

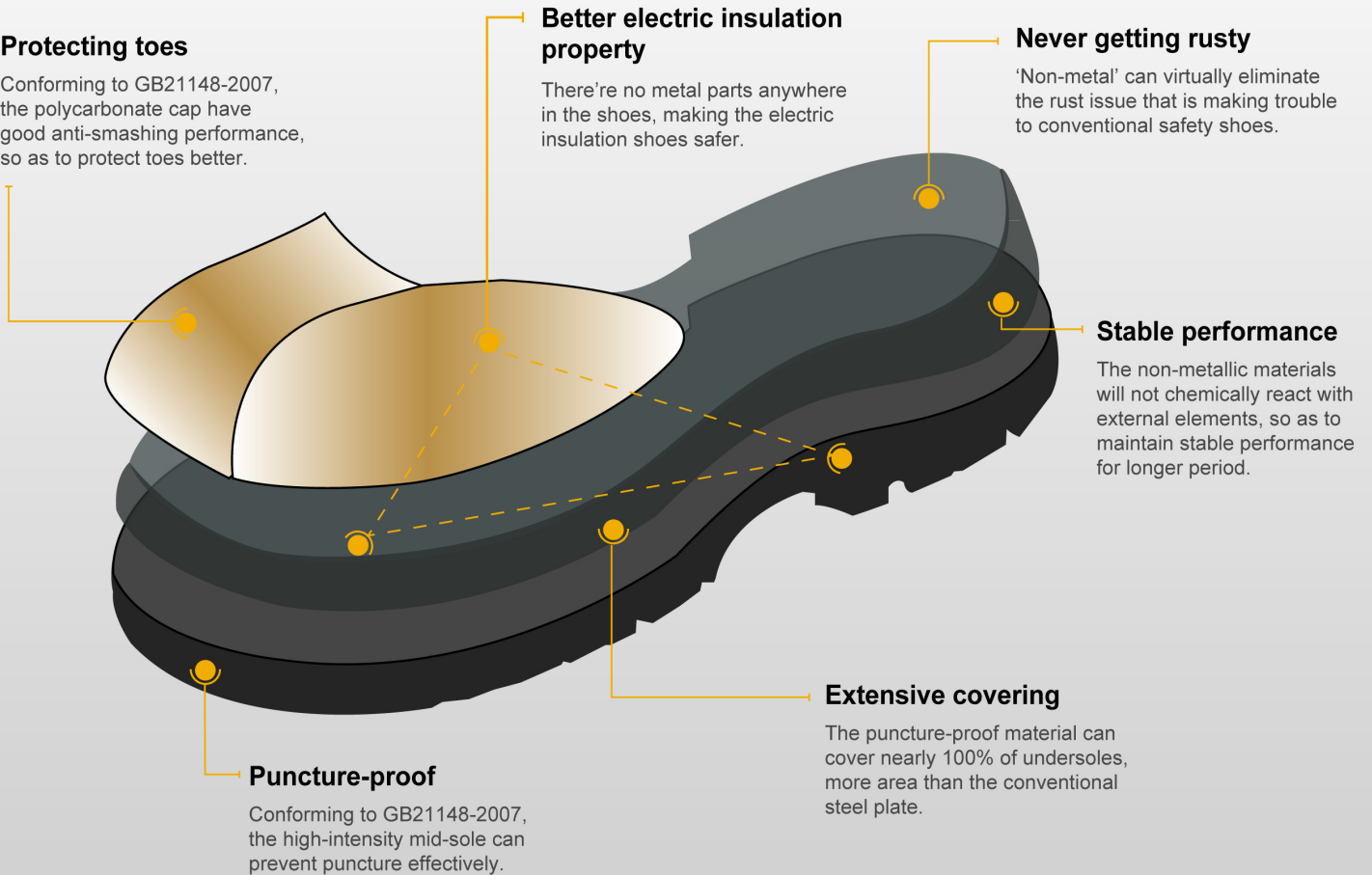
The non-metallic materials will not chemically react with external elements, so as to maintain stable performance for longer period.

Puncture-proof

Conforming to GB21148-2007, the high-intensity mid-sole can prevent puncture effectively.

Extensive covering

The puncture-proof material can cover nearly 100% of undersoles, more area than the conventional steel plate.



Reduced temperate change inside shoes

Since the thermal conductivity of polycarbonate and high-intensity material is far smaller than that of metal, therefore, the new-type shoes can effectively reduce the influence of external temperature change on the temperature inside shoes.

Sweat absorbing

High quality permeable mesh lining can perform well in absorbing sweat, so that the shoes will not feel stuffy and have unpleasant smell.

Better fitting the foot shape

The puncture-proof mid-soles are flexible and easy-to-bend, so as to better fit the foot shape.

Permeability

Holed + suede (cream) and suede + permeable mesh (grey) designs can enhance permeability and comfortability

Wider cap

The non-metal cap is specially designed to be wider to better fit the foot shape of the Orientals and avoid squeezing feet.



Product Technical Standard

Static-pressure withstanding test

Standard No.: GB21148-2007
Main testing equipment: pressure tester
Use 15kN pressure to test for one minute; the distance from undersole to plasticine for test shall be longer than 12.5 – 15 mm

Puncture-proof

Standard No.: GB21148-2007
Conduct the puncture-proof test on four points of each shoe; the force to puncture through undersole shall not be less than 1100N

Anti-static

Standard No.: GB21148-2007
After being adjusted in dry and humid environments respectively, the resistance shall remain at between 100 kΩ and 1000 MΩ

Electric insulation

Standard No.: LD12011-2009
When the power-frequency test voltage is maintained at 6kV for 1 min, the leaked current shall be less than 1.8 mA

Impact resistance test

Standard No.: GB21148-2007
Testing equipment: impact tester
Use 23kg percussion hammer to impact from 90cm height; the distance from undersole to plasticine for test shall be longer than 12.5 – 15 mm

Min. space in the protection cap after impact	
Length of safety shoes (cm)	Min. space (mm)
≤ 225	≥ 12.5
230 ~ 240	≥ 13.0
245 ~ 250	≥ 13.5
255 ~ 265	≥ 14.0
270 ~ 280	≥ 14.5
≥ 285	≥ 15.0

European standard for antiskid test

Personal protective equipment — Test methods for footwear

Standard No.: EN ISO 20334:2004/ A1:2007

Testing Environment	Coefficient of Friction		Standard
	Front Sole	Heel	
Ceramic tile + SL	≥ 0.28	≥ 0.32	SRA
Steel plate + glycerol	≥ 0.13	≥ 0.18	SRB

Since having passed the tests of two environments, the safety shoes are considered conforming to SRC, the most stringent standard for antiskid performance.

Non-metal means **more convenience**

Since non-metallic material is free from magnetism, you don't have to take off safety shoes when passing security-check.



**You don't
need to take
off non-met-
al safety
shoes.**



**‘Non-metal’ means being
more comfortable
to wear**

As technicians and managers,
we need to get ready and work in different places as required,
such as meeting room, workshop, warehouse and R&D center...

「We all need a pair of safety shoes that suit various environments.」

**‘Non-metal’
means being
safer**

15KN 静压

**Non-metal means
lighter weight**

Non-metal cap and mid-sole contribute to superlight weight, over 20% lighter than conventional safety shoes.

> > >

Lancer Non-metallic Safety Shoes

Lancer Non-metal Safety Shoes



has formally
changed its
name to

Honeywell