

THE SAFETY SHOES USER'S GUIDE

HOW TO CHOOSE THE RIGHT SAFETY SHOES?

Safety shoes are important PPE (Protective Equipment), they are even mandatory for some occupations.

They protect you during the course of your professional tasks. The shoes do not only have to comply with the requirements of your working environment, but they also have to be comfortable.

1 / ADVANTAGES

- Prevent accidents;
- Work more comfortably and more efficiently;
- Protect your feet from possible accidents;
- Respect the legal aspects;
- Resistant.

2 / CHOOSE BETTER : KNOW THE STANDARDS

Safety shoes are classified in several categories. They can be found under different safety classes:

S1 S1P S2 S3 S4 S5

✓ ✓ ✓ ✓ ✓ ✓



**ANTISTATIC
FEATURES**

✓ ✓ ✓ ✓ ✓ ✓



**SOLE RESISTANCE
TO OIL**

✓ ✓ ✓ ✓ ✓ ✓



**ENERGY
ABSORPTION HEEL**

✓ ✓ ✓ ✓



**ANTI PERFORATION
SOLE**

✓ ✓

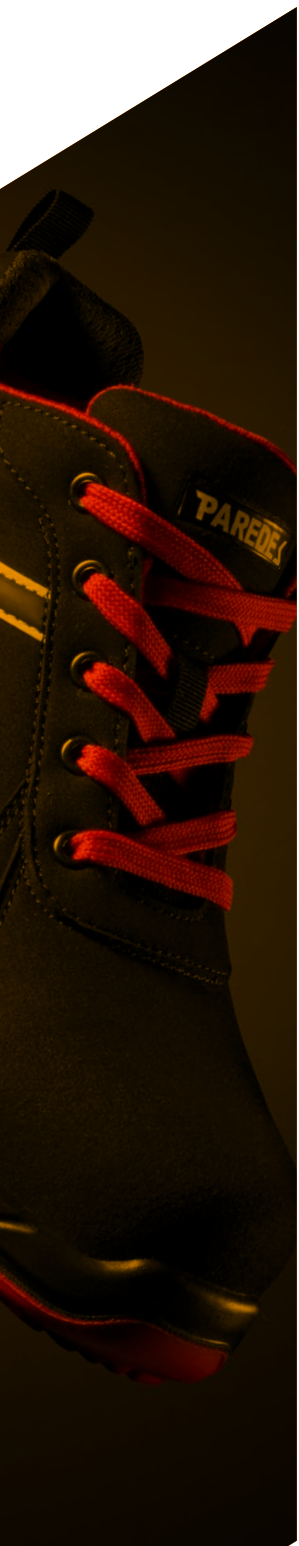


**ANTI-PENETRATION
MATERIAL**

✓ ✓ ✓ ✓



WATERPROOF



3 / USES

Safety shoes are great prevention tools against:

- Slips
- Crushings
- Lacerations
- False moves

To choose the right safety shoes, it is important to take into account the circumstances in which they will be worn:

- Weather conditions
- Incurred dangers
- Comfort

4 / OTHER CRITERIA

The safety toecaps are made of steel or composite material.

- **Metal safety toecap:** more classic and better resistance to direct impact.
- **Composite safety toecap:** Lighter than the standard steel toecap, regulating temperature (cooler in summer, warmer in winter), anti-magnetic and anti-static, non-detectable by metal detectors.

The anti-perforation midsoles are impenetrable midsoles that protect the feet against object penetrations. They come with or without metal:

- **metal insert-soles** are less vulnerable to sharp objects/dangers, but they do not cover the entire inferior part.
- **non-metal insert-soles** are lighter and more flexible. The penetration resistance depends on the sharp objects/dangers. The insert-soles cannot be traced by metal detectors and they provide a great thermal insulation and temperature regulation.

Antistatic shoes were designed to reduce electrostatic discharges.

The shoes only offer a limited protection to the substance and gas ignition and to electrical shocks due to some devices.

5 / WORKING ENVIRONMENT

| TYPE | WORK ENVIRONMENT | | | | |
|-------------------------------------|---------------------|----------------|-----------------------|-----------------------------|----------------------|
| | KNEELING DOWN TASKS | CLIMBING TASKS | WET ENVIRONMENT TASKS | WELDING AND SOLDERING TASKS | TASKS WITH CHEMICALS |
| SAFETY SHOES - LOW STYLE (LEATHER) | ✓ | | | | |
| SAFETY SHOES - HIGH STYLE (LEATHER) | | ✓ | | ✓ | |
| SAFETY BOOTS (LEATHER) | | | ✓ | | |
| SAFETY BOOTS (SYNTHETIC FABRIC) | | | ✓ | | ✓ |

TYPES OF SAFETY SHOES

| MODELES | WHEN | ADVANTAGES | DISADVANTAGES |
|--|--|---|---|
| SAFETY SHOES - LOW STYLE (LEATHER) | Fit for people who have to kneel regularly | The feet can easily move inside the shoes | Achilles tendon are less protected |
| SAFETY SHOES - HIGH STYLE (LEATHER) | Fit for heavy duty work | Sufficient support and protection for the achilles tendon | Feet cannot move easily inside the shoes |
| SAFETY BOOTS (LEATHER) | Fit for wet or humid environments | Possible lining = fit for cold environments | Require maintenance |
| SAFETY BOOTS (SYNTHETIC FABRIC) | Fit for wet environments and for hazardous tasks (chemicals) | Cheap and require low maintenance | Low insulation against cold - sensitive to heat |

DIFFERENT SECTORS OF ACTIVITIES

CONSTRUCTION INDUSTRY >>

S3 safety shoes - You will be protected from hydrocarbons or perforations. Styles that are antistatic, non-slippery and with a safety toecap.

HEALTHCARE >>

Easy to put on and take off, very light, they are practical to wear all day with a polyurethane sole, which offers unparalleled comfort and great cushioning. Moreover, this sole is removable and therefore very easily washable, just like the rest of the shoe made of microfibre, they are antistatic and waterproof.

FOOD-PROCESSING INDUSTRY

Non-slippery, waterproof and hard-toed shoes (one toecap for extra protection).

SERVICES >>

Non-slippery, water-resistant shoes with comfortable insoles.

MECHANICAL/PLUMBING INDUSTRIES >>

S3 safety shoes to prevent perforations and shocks. The protective shells will prevent any shocks in case of falling objects. It is a flexible sole that gives you extra comfort when working on your knees.

HANDLING >>

S1P safety shoes - You move around a lot and change positions, so you need flexible, lightweight shoes with anti-puncture soles. No metal, anti-static, shock absorbing heel, hydrocarbon resistant sole, anti-puncture and waterproof protection are its main assets.

SECURITY >>

Shoes with high or mid-high uppers: these uppers provide good support for the ankles. Shoes with reinforced soles or rubber soles: they cushion the shocks.

