



HOT STORM

Ref : PHST3

EN ISO 20345 : 2022
SB PL AN WPA E FO LG SR



LONG LASTING - ECO-FRIENDLY

For more than 110 years, Gaston MILLE has been improving safety footwear by limiting its impact on the environment and by choosing quality materials that are more sustainable and eco-responsible.

UPPER

Full grain leather (2 to 2.2mm thick), water and oil repellent, strong, supple and long lasting - all our leathers are selected with great care.
Tongue with waterproof gussets to prevent dust and liquids from entering.
No side stitches for greater sturdiness.
Cushioned and soft upper for more flexibility and comfort to avoid overheating.
Protective padding at the Achilles tendon.
Retroreflective strip for better visibility on construction sites and roadsides.
Protection of the ankles.
Rear grip loop for easy on and off.
Protective PU granite reinforcement at the front and back of the shoe to protect the leather from scratches => abrasion resistance of external reinforcements

LARGE PROTECTIVE TOE CAP

Fiberglass (10% lighter than steel with superior strength), athermic & non-magnetic. Comfort skirt: plastic extension to avoid feeling the toe cap when bending the foot.

ANTI-PUNCTURE SOLE

Kevlar® textile, non-magnetic, athermic (non-conductive of heat and cold), sewn directly onto the upper and covering 100% of the sole of the foot for complete protection
Ultra-light, soft and flexible => does not interfere with the natural rolling of the foot.

LINING

Sanitized® lining => the Sanitized hygiene function protects from the formation of fungi and provides long-lasting protection.
Fast evaporation, allowing to feel drier and cooler, with temperature regulation.
Good resistance to abrasion.
Back reinforcement: avoids overheating due to friction.

REMOVABLE & ANATOMICAL INSOLE

Mille Soft®, ultra thick PU foam (1.5 cm) for optimum comfort, ergonomic, moisture absorption, good breathability, anti-abrasion and anti-fungal, washable at 30°C.
Arch support, shock absorption in the heel area, soft optimal comfort.
Possibility to insert an **orthopedic insole**.

EXTRA-LARGE STUDED OUTSOLE

PU/Insulating Nitrile - excellent shock absorb + grip on all types of ground, optimal stability, abrasion resistance of external toe cap reinforcements (stone guard)

METAL FREE

Without metal => non magnetic (no interference with metal detectors)

CLOSURE

Laces + zip for a faster and easier removal of the shoes

UPPER HEIGHT

25 cm - 10 in

WEIGHT

1,660 Kg (net for 1 pair size 43)

ITEM CODE - SIZES

PHST3 - from 39 to 48 - US sizes 6 to 13

RANGE

1912 - This reference is designed to stand the test of time **in the respect of the normative requirements and comfort**.

USE

Personnel exposed to electrical risks, protection of operators working on the ground against the risk of electrification (step voltage)
Extreme and difficult conditions, hot and risky industrial environments (steel industry, mines),
Outdoor, construction, agriculture, green spaces, special hazards, heavy industry (oil platform), harsh outdoor environments (specific soils; metal chips, ballast, glass...)



HOT STORM



COMFORT SOLE FUSIONGRIP®

Ultra-light Polyurethane with high energy return (64%) - High Rebound.

OUTSOLE FUSIONGRIP®

Insulating Nitrile - 4 mm outsole resistant to abrasion, cuts, hydrocarbons, chemicals and acids. Electric shock resistance up to 18 kV / 60 Hz during 1mn owing to ASTM F2413-18 standard
Sharp studs to improve grip on all types of ground - rough, rocky, unsteady, muddy or slippery surfaces.

- (1) Liquid evacuation on the sides to prevent aquaplaning
- (2) 1 cm deep for better grip on ladder rungs
- (3) Turbo Flex System® : anti-torsion arch support
- (4) Shock Absorb® : shock absorption in the heel to protect the back and joints - anti-fatigue effect
- (5) 7 mm high profiled studs for better grip
- (6) Ridges on the front and back to prevent slipping
- (7) Large, spaced, flexible studs to prevent grit from getting stuck - self-cleaning sole
- (8) Flex zone - no discomfort to the natural rolling of the foot

SPECIFICATIONS

Large contact area for improved stability and maximum grip.
Generous, wide fit for long-lasting comfort.

COMPLIANCE

- SB** Exigences fondamentales (innocuité, confort, résistance écrasement et chocs au niveau des orteils). Protection des orteils testée avec un impact de 200 J et une compression de 15 kN.
- E** Energy absorption in the heel region
- FO** Fuel Oil resistant sole
- WPA** Water Penetration & Absorption Resistant
- PL** Penetration resistant sole, non metallic
- AN** Ankles protection
- LG** Grip on ladders
- SR** High performance grip. Slip Resistant outsole on ceramic tile wet with glycerol (oil)

ASTM F2413-18 M I/C/EH/PR

Insulating sole against electrical risks (electrical insulation up to 18 kV according to ASTM F2413-18 standard)

The properties of the product remain unchanged only if insoles the manufacturer's recommended are used.

Mille SAS reserves the right to modify the manufacturing characteristics of its products without notice. Document and photos are not contractual.