HONEYWELL COCOON EVO SHELL

Extended Lifespan. Quick Wear off Notice.

The most important thing about safety shoes is the woman who wears them. Starting from this thought, Honeywell has designed Cocoon Evo, a line of women's work footwear that respects ladies' needs. Take your walking experience further and benefit from an extended lifespan. Be fully aware of how long Cocoon Evo shoes offer you the safety you deserve with their wear off indicators, a unique feature in their class. Providing improved comfort, strong safety performances, electrostatic discharge (ESD) protection, lightness, breathability as well as a modern design, Cocoon Evo safety shoes totally adapt to a lady's requirements. There are many pairs of safety shoes in the market. Meet the right one. Honeywell has put safety and convenience at ladies' feet.







SHELL
S3 HI CI SRC ESD

- 100% non-metallic toecap
- Low-cut style
- Nubuck leather upper
- 3D mesh with foam lining
- Textile anti-perforation interlayer
- EVA/TPU sole
- HI and CI markings: resistance to inimical environments – heat insulation and cold insulation of the sole complex
- ESD marking: electrical resistance
- ESD (EN 61340:5-1:2016) S3 HI CI SRC ESD

BEYOND COMPLIANCE, ABOVE YOUR EXPECTATIONS

Tests have shown that Shell performs beyond certification levels, providing ladies with safety and comfort that exceed their requirements*:

MORE PROTECTION

- **34%** more impact resistance than the standard requirements. Shell has an impact resistance amounting to 18.75, compared to the required level of ≥ 14 mm.
- **31%** more slip resistance (flat position) than SRA**requirements. Shell recorded a value of 0.42, up against the required level of ≥ 0.32.
- **68%** more slip resistance (heel area) than SRA requirements. Shell provides a figure amounting to 0.47, up against the required level of ≥ 0.28.

MORE DURABLE LINING

- **467%** more tear strength against standard requirements. Shell recorded a value of 87 N, exceeding the standard requirement of ≥ 15 N.
- **1,880%** more water permeability than standard requirements. Shell provides a water permeability index of 39.6 mg/ (cm^2.h), exceeding the required level of ≥ 2 mg/ (cm^2.h).

MORE BREATHABLE UPPER

- **663%** more water permeability than the standard requirements. Shell has an average value of 6.1 mg/(cm^2.h), up against the level of ≥ 0.8 mg/cm^2.h), required by the standard.
- **296%** more water vapor permeability and absorption. Shell recorded a water coefficient of 59.35 mg/cm^2, up against the standard requirement of ≥ 15 mg/ cm^2.

*) The values reflect the ESD (EN 61340:5-1:2016) standard test results for the Honeywell Cocoon Evo range performed on EU size 42 samples.
**) Slip resistance on floors with ceramic tiles wetted with sodium lauryl ether sulfate (SLS) solution.

Honeywell

THE FEATURES THAT MAKE THE DIFFERENCE

TOECAP

- Non-metallic material

SOLE - TECHNICAL DATA

- Textile anti-perforation interlayer
- 3 wear-off indicators on the outer layer
- Heel shock absorption system
- EVA midsole, comfort layer
- TPU outsole skin
- TPU wear-off indicator inserts
- Wide, deep and self-cleaning relief providing anti-slip resistance
- Adhesion coefficient compliant with ESD (EN 61340:5-1:2016)
- On steel floor:
- Heel: 0.24 (minimum standard 0.13)
- Flat: 0.18 (minimum standard 0.18)
- On ceramic floor:
- Heel: 0.47 (minimum standard 0.28)
- Flat: 0.42 (minimum standard 0.32)
- Energy absorption capacity: >20 J
- Abrasion resistance: loss in volume <150 mm^3 (under a 10 Newtons (1 kg) load)
- Elongation at break: 650%
- Resistance to repeated flexion optimized: >30,000
- Flexometer tested-standard: >30,000
- Enhanced hydrocarbon resistance
- Resistance to acids and bases: limited to low concentration

TECHNICAL SPECIFICATIONS AND STANDARDS:

- European Regulation: (EU) 2016/425*
- Standard: ESD (EN 61340:5-1:2016)**
- Quality assurance: ISO 9001 Version 2015***
- Marking: S3 HI CI SRC ESD
- Average weight for 1 shoe 42 size: 565 g

*) https://osha.europa.eu/en/safety-and-health-legislation
**) https://www.iso.org/home.html
***) https://group.bureauveritas.com/

OUTSOLE SLIP RESISTANCE PERFORMANCE

MARKING	SURFACE	LUBRICANT	FRICTION FACTOR: FLAT
SRA	Ceramic plates	Sodium lauryl sulfate	0.42 (minimum requirement 0.32)
SRB	Steel	Glycerol	0.18 (mimimum standard 0.18)
SRC	Meets requirements of the above 2 tests (SRA plus SRB)		

ORDERING INFORMATION

DESCRIPTION	REF.	SIZE
Shell S3 HI CI SRC ESD	65 516 14	35-42

For More Information

www.honeywellsafety.com

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