

## RIGEL 1090 S3L FO WPA SR TECHNICAL DATASHEET

Certification: ISO 20345:2022

Category: S3L FO SRC WPA

Toecap: Composite toecap (200 Joule)

Upper: 1.8 mm abrasion and water resistance onMicro®

Lining: 100% breathable 3D Air

Insole: R-Flow® insole

Anti Perforation: K18 kevlar midsole (1100N)

Outsole: PU/PU dual density, reflective, SRC

Available Sizes: 35-48 (EU)



**METAL FREE**

**K18**  
ANTI-PERFORATION  
MIDSOLE

**R** FLOW  
3D AIR

**on micro®**

**HUNTSMAN**  
Enriching lives through innovation

**S**

TOE PROTECTION  
(200J)

**E**

ENERGY  
ABSORPTION

**A**

ANTISTATIC

**PL**

PENETRATION  
RESISTANCE  
(Non Metallic)  
4.5mm

**FO**

FUEL & OIL  
RESISTANCE

**SR**

SLIP RESISTANCE  
(2022)

**WPA**

WATER  
PENETRATION &  
ABSORPTION  
(2022)



PU/PU Dual Density Outsole

- ✓ High Abrasion Resistance – Ensures long-lasting durability.
- ✓ Shock-Absorbing & Comfortable – Offers all-day comfort.
- ✓ Lightweight & Flexible – Reduces foot fatigue.
- ✓ Chemical & Oil Resistance – Ideal for tough working conditions.
- ✓ Superior Slip Resistance – Designed to meet SRC standards



- ✓ Its open-cell structure provides air circulation inside the shoe, therefore it keeps feet cooler.
- ✓ It absorbs the sweat produced by the foot. The sweat then gets released by POLYU® as vapor.
- ✓ Contains activated-carbon and biocides. Therefore it prevents foot odor and development of bacteria.
- ✓ Produced from %80 recycled material. It environmental friendly product.
- ✓ It absorbs the impact that happens during walking or exercising, and prevents back pain and joint injuries.
- ✓ It creates comfort by its excellent suspension.
- ✓ Covered with Hygienic fabric, washable and lightweight.



- ✓ Lightweight & Comfortable – Lighter than steel toe caps.
- ✓ Non-Magnetic & Airport Friendly – Ideal for airport and electronics industry workers.
- ✓ Non-Conductive Material – Safe for electrical work environments.
- ✓ Provides Heat & Cold Insulation – Protects feet in extreme temperatures.

**K18**  
ANTI-PERFORATION  
MIDSOLE

Our shoes feature Tessiltoschi K18™ series Kevlar midsoles, providing a lightweight, flexible, and highly puncture-resistant alternative to steel midsoles.

- ✓ High Puncture Resistance – Meets EN ISO 20345 standards.
- ✓ Lightweight & Flexible – More comfortable than steel midsoles.
- ✓ ESD Compatible – Provides electrostatic discharge protection.
- ✓ Comfort & Ergonomics – Ensures all-day comfort.