# **TECHNICAL DATA SHEET**



Name Code

#### 34560 S3S FO SR **ZONDAS3**

Standard

**EN ISO Product Range** Weight Size range Mondopoint **Packaging** S3S F0 SR 420 grams 35 <> 48 10 pairs/carton 20345:2022 (1 shoe in size 42) (same size)



#### **TECHNICAL SPECIFICATIONS**



















**SOLE** 

#### **SOLE FEATURES**

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# MICROLIGHT

The MICROLIGHT® soles, which combine cutting-edge compounds for both the PU foam midsole and the compact PU outsole, excel in lightness, flexibility, and elasticity, while offering exceptional stability and wear





**LINING** 



**FOOTBED** 



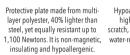


Safety toe cap made from composite

material, shielding toes from impacts up to 200 Joules and compressions

up to 15 kN. It is non-magnetic,







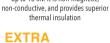
**UPPER** 

Hypoallergenic microfiber with high breathability, tear, rip, scratch, and friction resistance, plus fabric, this lining offers excellent breathability and moisture water-repellent and stain-resistant wicking. It features SANITIZED® treatment to suppress microorganism growth and prevent odours.



Antistatic and anti-odour removable insole with SANITIZED® technology ensuring hygiene and a fresh feeling all day.

**SANITIZED®** 



Requirement





**Test Result** 









## SAFETY TECHNICAL SPECIFICATIONS

Description

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|--|-----------------|------------------|-------------|
| TOE CAP: Impact resistance                         | mm              | ≥ 14             | 15,5        |
| TOE CAP: Compression resistance                    | mm              | ≥ 14             | 16,5        |
| ANTI-PUNCTURE PLATE: Penetration resistance        | N               | ≥ 1.100          | -           |
| FOOTWEAR: Antistatic properties (in wet condition) | МΩ              | ≥ 0,1            | 8           |
| FOOTWEAR: Antistatic properties (in dry condition) | МΩ              | ≤ 1.000          | 104         |
| UPPER: Water vapour permeability                   | mg/cm2*h        | ≥ 0,8            | 0,9         |
| UPPER: Water vapour coefficient                    | mg/cm2          | ≥ 15             | 15,1        |
| UPPER: Water penetration after 60 min              | g               | ≤ 0,2            | 0           |
| UPPER: Water absorption after 60 min               | %               | ≤ 30             | 2,6         |
| INTERNAL LINING: Water vapour permeability         | mg/(cm2*h)      | ≥ 2,0            | 81,1        |
| INTERNAL LINING: Water vapour coefficient          | mg/cm2          | ≥ 20             | 1045,8      |
| OUTSOLE: Abrasion resistance                       | mm3             | ≤ 150            | 92          |
| OUTSOLE: Energy absorption of seat region (E)      | J               | ≥ 20             | 32          |
| OUTSOLE: Flexural resistance                       | mm              | ≤ 4              | 0           |
| OUTSOLE: Interlayer bond strength                  | N/mm            | ≥ 4              | 4           |
| OUTSOLE: Resistance to fuel oil (FO)               | %               | ≤ 12             | 1,6         |
|  |                 |                  |             |

**Measurement Unit** 

# **ADDITIONAL FEATURES**

| Measurement Unit | Requirement  | Results   |
|------------------|--|---|
| 110              |  |   |
| MΩ               | ≤ 100  | -   |
| -                | autsoles shall not melt and develop any cracks when bent | -   |
| °C               | ≤ 10   | -   |
| °C               | ≤ 22   | -   |
| cm2              | after 80 min.  | -   |
| MΩ               | ≤ 100  | -   |
|                  | °C<br>cm2  | - develop any cracks when bent  °C ≤ 10  °C ≤ 22  cm2 after 80 min. |

## **SOLE DESIGN AND PERFORMANCE**



ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA MINIMUM VALUE REQUIRED 20 TEST RESULT 45%

### **INDUSTRIES**



### STORAGE, CARE AND MAINTENANCE

- PANDA SAFETY footwear should be stored in original packaging, storage temperature should not exceed 35°C, humidity should be less than 80% and without the influence of direct sunlight.
- Sandals, shoes and boots should be cleaned after each use; dry off the shoes, not in proximity to or in direct contact with stoves or other sources of heat. • Carry out the periodic treatment of the uppers with suitable products containing wax, grease, silicone, etc.
- Avoid contact with aggressive chemicals and extreme temperatures.
- Verify the good state before each use.

