



PRODUCT SHEET

TIGROTTO 90090 O2 CI SRC



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|-----------------|----------------------|
| Product Code | 90090 |
| EN Standard | EN ISO 20347:2012 |
| Safety Category | O2 CI SRC |
| Range of Sizes | 36 - 48 |
| Wide | 11 |
| Packaging | 6 pairs of same size |

DESCRIPTION

Boots realized in genuine waterproof leather with reflecting elements and PU additional scuff protection. The ankle collar and the tongue are soft padded for a higher comfort; the internal faux fur lining grants an optimal cold insulation. The sole is provided with anti-slip, anti-static, anti-torsion, anti-abrasion and shock absorbing properties/features.

MATERIALS

| | |
|--------|---|
| Upper | Waterproof genuine leather |
| Lining | Faux fur (cotton fibres) |
| Sole | Midsole in low density polyurethane Outsole in double-density polyurethane |

SAFETY TECHNICAL SPECIFICATIONS

| Description | Measurement Unit | EN ISO 20345:2011 | | Test Result | Description | Measurement Unit | EN ISO 20345:2011 | | Test Result |
|---------------------------------------|------------------|-------------------|-------------|-------------|---------------------------------------|------------------|-------------------|-------------|-------------|
| | | Clause | Requirement | | | | Clause | Requirement | |
| Impact resistance | mm | 5.3.2.3 | ≥ 14 | - | Upper: water penetration after 60 min | g | 6.3 | ≤ 0,2 | 0 |
| Compression resistance | mm | 5.3.2.4 | ≥ 14 | - | Upper: water absorption after 60 min | % | 6.3 | ≤ 30 | 11 |
| Penetration resistance | N | 6.2.1.1 | ≥ 1100 | - | Lining: water vapour permeability | mg/(cm2*h) | 5.5.3 | ≥ 2,0 | 22 |
| Antistatic footwear: in wet condition | MΩ | 6.2.2.2 | ≥ 0,1 | 30 | Lining: water vapour coefficient | mg/cm2 | 5.5.3 | ≥ 20 | 176,5 |
| Antistatic footwear: in dry condition | MΩ | 6.2.2.2 | ≤ 1000 | 335 | Outsole: abrasion resistance | mm3 | 5.8.3 | ≤ 150 | 73 |
| Energy absorption of seat region (E) | J | 6.2.4 | ≥ 20 | 38 | Outsole: flexing resistance | mm | 5.8.4 | ≤ 4 | 0 |
| Water vapour permeability | mg/cm2*h | 5.4.6 | ≥ 0,8 | 1,4 | Outsole: interlayer bond strength | N/mm | 5.8.6 | ≥ 4 | 4,6 |
| Water vapour coefficient | mg/cm2 | 5.4.6 | ≥ 15 | 26,7 | Outsole: hydrocarbons resistance | % | 5.8.7 | ≤ 12 | 2,5 |

SLIP RESISTANCE SPECIFICATIONS

| Friction coefficient | Clause | Requirement | Test Result | Excess |
|------------------------------------|---------|-------------|-------------|--------|
| Ceramic tile floor with NaLS (7°) | 5.3.5.2 | ≥ 0,28 | 0,34 | 21,4% |
| Ceramic tile floor with NaLS | 5.3.5.2 | ≥ 0,32 | 0,39 | 21,9% |
| Steel floor with glycerine (7°) | 5.3.5.3 | ≥ 0,13 | 0,2 | 53,8% |
| Steel floor with glycerine | 5.3.5.3 | ≥ 0,18 | 0,21 | 16,7% |

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 influence of direct sunlight. Footwear should be cleaned after each use; dry off the shoes not in proximity or in direct contact with stoves or other sources of heat. Carry out the periodic treatment of the uppers with adequate products containing wax, grease, silicone, etc. Avoid contact with aggressive chemicals and extreme temperatures. Verify the good state before each use.

The data indicated in this sheet are subject to modification without notice in case of evolution in materials.

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Italian Style at work