



## SPORT Line S1 PS FO SR ESD

EN ISO 20345:2022 + A1:2024

SIZES\* 35-48  
STOCK\*\* 35-47  
FIT 12  
WEIGHT\*\*\* 520 g



65% ECO PU  
ECO BOX  
+25% LIGHT  
20% ENERGY  
ECO FACILITIES

ECO RELEASE AGENT  
VEGAN FRIENDLY



<b>UPPER</b>	Grey/orange MESH in technical fabric and blue SAFETY NUBUCK. Lightweight and breathable, ensuring maximum ventilation
<b>LINING</b>	100% polyester honeycomb releases quickly moisture, keeping the foot dry.
<b>INSOLE</b>	SPORT-LITE, anatomical, antistatic, antibacterial and ESD, 65% recycled
<b>SOLE</b>	certified non-slip dual-density polyurethane, flex- and abrasion-resistant, oil-resistant, ESD
<b>TOE CAP</b>	THIN CAP composite toe cap: lighter than metal it is thermal shock free (does not conduct heat/cold).
<b>MIDSOLE</b>	Non-metallic anti-perforation insole HRP INSOLE, light and flexible
<b>PLUS</b>	<ul style="list-style-type: none"> <li>• <b>Seamless construction:</b> Interior without overlapping pieces to eliminate pressure points</li> <li>• <b>Ankle area:</b> increased padding in soft materials</li> <li>• <b>Heel insert:</b> high-resistance anti-slip</li> <li>• <b>Shock Absorber:</b> variable geometry heel to reduce the impact on the spine</li> <li>• <b>Flex support:</b> for unparalleled comfort and high performance walking</li> <li>• <b>HIGH-TEX inserts:</b> high tenacity nylon resistant to abrasion and tearing</li> </ul>

\*CE certified sizes  
\*\*available from stock  
\*\*\*Approximate weight of half a pair in size 42 (±10%)

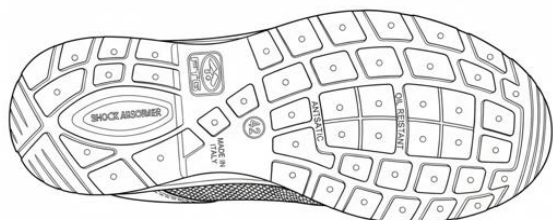
# RUN – TECHNICAL SPECIFICATIONS

## Area of use:

Light work, mechanics, Logistics/Packaging, Professionals/Craftsmen, Cooperatives, Electronics, Electrical Engineering, Construction, Carpentry

## Maintenance tips:

Periodically clean the grooves of the sole and the upper with non-aggressive materials that could compromise the quality, safety and durability of the shoe.  
Do not dry near or in direct contact with heat sources.  
Do not keep store in direct sunlight.



## PERFORMANCE AND REGULATORY REQUIREMENTS EN ISO 20345:2022 + A1:2024

COMPLETE FOOTWEAR	STANDARD POINT	DESCRIPTION	UNITS	REQUIREMENT	RESULT
<b>Toe cap:</b>	<b>5.3.2.6</b>	Impact resistance	mm	≥ 14	<b>14</b>
	<b>5.3.2.7</b>	Compressive strength	mm	≥ 14	<b>16,5</b>
<b>Antiperforation insole:</b>	<b>6.2.1</b>	Single puncture resistance	N	≥ 950	<b>1361</b>
	<b>6.2.1</b>	Medium puncture resistance	N	≥ 1100	<b>1455</b>
<b>Insole:</b>	<b>6.2.1</b>	Water absorption	mg/cm <sup>2</sup>	≥ 70	<b>N.A.</b>
	<b>5.7.3</b>	Water desorption	mg/cm <sup>2</sup>	≥ 80%	<b>N.A.</b>
<b>ESD footwear:</b>	<b>EN IEC 61340-5-1</b>	Electrical resistance for ESD footwear	Mohm	< 100	<b>93,6</b>
<b>Upper:</b>	<b>5.4.6</b>	Water vapour permeability	mg/cm <sup>2</sup> · h	≥ 0.8	<b>32,1</b>
	<b>5.4.6</b>	Water vapor coefficient	mg/cm <sup>2</sup>	≥ 15	<b>257</b>
	<b>5.4.3</b>	Tear resistance	N	≥ 60	<b>239</b>
<b>Lining:</b>	<b>5.5.4</b>	Water vapour permeability	mg/cm <sup>2</sup> · h	≥ 2	<b>38,7</b>
	<b>5.5.4</b>	Water vapor coefficient	mg/cm <sup>2</sup>	≥ 20	<b>309,6</b>
	<b>5.5.2</b>	Tear resistance	N	≥ 15	<b>53</b>
	<b>5.5.3</b>	Abrasion resistance (dry)	cycles	25.600	<b>25.600</b>
	<b>5.5.3</b>	Abrasion resistance (wet)	cycles	12.800	<b>12.800</b>
<b>Sole:</b>	<b>6.2.4</b>	Heel energy absorption	J	≥ 20	<b>28</b>
	<b>5.8.3</b>	Tear resistance	kN/m	≥ 8	<b>18,8</b>
	<b>5.8.4</b>	Abrasion resistance	mm <sup>3</sup>	≤ 150	<b>39</b>
	<b>5.8.5</b>	Resistance to bending	mm	≤ 4	<b>0</b>
	<b>5.8.6</b>	Hydrolysis	mm	≤ 6	<b>0</b>
	<b>6.4.2</b>	Hydrocarbon resistance	%	≤ 12%	<b>2,9</b>
	<b>5.3.5.2</b>	Slip resistance on ceramics with NaLS - forward heel 7°	-	≥ 0.31	<b>0,46</b>
	<b>5.3.5.2</b>	Slip resistance on ceramics with NaLS - 7° backward point	-	≥ 0.36	<b>0,50</b>
	<b>6.2.10</b>	Slip resistance on ceramics with glycerin (SR)- 7° forward heel	-	≥ 0.19	<b>0,28</b>
	<b>6.2.10</b>	Slip resistance on ceramics with glycerin (SR)- 7° back point	-	≥ 0.22	<b>0,24</b>

In the model and its components, the presence of hazardous substances indicated in Annex XVII of Regulation 1907/2006/EC has not been detected and subsequent amendments and additions.