



PRODUCT PERFORMANCE PASSION

Article	WELDER
Category	S3 HRO SRC
Sizes	38 - 47
Width	11
Weight (half pair, sz 42)	650 gr
Metal free	Yes
Certification	CE



**E·LITE**  
collection

<b>UPPER</b>	water resistant leather. Lacets protection with velcro binding
<b>LINING</b>	extremely breathable polyamide lining. It absorbs moisture quickly and ensures a greater comfort during the whole working day. Optimal resistance to abrasion and anti-bacterial
<b>TOE CAP</b>	non-magnetic toecap, from composite materials. 50% lighter than steel
<b>ANTI-PERFORATION MIDSOLE</b>	non-magnetic, perforation resistance composite fabric plate. It is 40% lighter and more flexible than steel plate and at the same time guarantees an optimal protection covering 100% of the foot surface. Certified EN 12568:2010
<b>FOOTBED</b>	insole PU 10mm expanded, covered with antibacterial fabric
<b>SOLE</b>	PU/Vibram® rubber, contact heat resistant up to 300 °C

	Requirements	Test Results
<b>UPPER</b>	<b>EN ISO 20345:2011</b>	
Water Vapour Permeability	mg/cmq*h ≥ 0,8	5,5
Water Vapour Coefficient	mg/cmq ≥ 15	49,7
<b>LINING</b>		
Water Vapour Permeability	mg/cmq*h ≥ 2	11,1
Water Vapour Coefficient	mg/cmq ≥ 20	97,7
<b>TOECAP</b>		
Impact resistance: clearence under the toecap	mm ≥ 14	15
Compression resistance: clearence under the toecap	mm ≥ 14	15,5
<b>ANTI-PERFORATION MIDSOLE</b>		
Penetration resistance (EN ISO 12568:2010)	N ≥ 1100	≥ 1100
<b>ELECTRICAL RESISTANCE</b>		
- wet condition (85% relative humidity)	MΩ ≥ 0,1	71
- dry condition (30% relative humidity)	MΩ ≤ 1000	450
<b>SOLE</b>		
Abrasion resistance: relative volume loss	mm' ≤ 150	50
Flexing resistance: cut growth	mm ≤ 4	1,5
Resistance to fuel oil: volume increase	% ≤ 12	1
Energy absorption of seat region	J ≥ 20	36
Slip resistance on steel ground with glycerine	7° Heel ≥ 0,13	0,15
	Flat ≥ 0,18	0,19
Slip resistance on ceramics ground with detergent	7° Heel ≥ 0,28	0,34
	Flat ≥ 0,32	0,46

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