LIGHTWEIGHT SAFETY WORK BOOTS



PRODUCT FEATURE

- Made by the most cutting-edge Injection Molding Technology
- Whole boots seamless and waterproof
- Ultra-lightweighting and durable, easy clean
- Steel safety toe
- CUS Kevlar protective midsole
- Built-in EVA cushion layers and removable PU insoles for maximum comfort
- Breathable and antibacterial lining
- Highly wear resistant outsole
- ASTM 2413-24 I/C/PR/SD, GB 21148-2020

FIELD OF APPLICATION

Applicable to all kinds of mining, coal, oil, steel and other industries

TECHNICAL INFORMATION

Technology	Transfer Molding	**Construction**	Seamless
Certification	ASTM 2413-24 I/C/PR/SD GB 21148-2020	**Waterproof**	Yes
Style Number	ERB-015	**Size Run**	6#-13#
Basic Material	Natural Rubber	**Color**	Black
Boot Height	15''	**Boot Weight (Per piece)**	1000g
Surface Finish	Matt Finish	**Case Pack**	6 Pairs / Carton
Manufacturer	East Rock	**Country Of Origin**	China
Function	Waterproof, Impact resistant, Compression resistant, Puncture resistant, Anti-static		

PERFORMANCE TEST DATA

ASTM 2413-24

Test Item	Test Requirement	Test Result	Pass / Fail
Protective Toe Impact Resistance (I)	≥ 12.7 mm	18.8 mm	PASS
Protective Toe Compression Resistance (C)	≥ 12.7 mm	19.9 mm	PASS
Puncture Resistance (PR)	≥ 1200 N	Did Not Penetrate	PASS
Static Dissipative (SD)	SD 35 : 1×10^6 Ω ~ 3.5×10^7 Ω	1×10^6 Ω ~ 3.5×10^7 Ω	PASS
Flex Resistance For Puncture Resistant Devices	No Signs Of De-lamination Of Layers Or Cracking After 1.5×10^6 Flexes.	No Signs Of De-lamination Of Layers Or Cracking After 1.5×10^6 Flexes.	PASS
Corrosion Resistance For Puncture Resistant Plates	No Sign Of Corrosion, De-lamination, Or Deterioration.	No Sign Of Corrosion	PASS

GB 21148-2020

Chinese National Compulsory Standard for Personal Protective Equipment - Safety Footwear

Test Item	Test Requirement	Test Result	Pass / Fail
Protective Toe Impact Resistance (I)	≥ 13.0 mm	14.0 mm	PASS
Protective Toe Compression Resistance (C)	≥ 13.0 mm	14.52 mm	PASS
Puncture Resistance (PR)	≥ 1100 N	1700 N	PASS
Protective Toe Corrosion Resistance	No more than three corroded areas permitted	No visible corrision	PASS
Heel Area Energy Absorption	≥ 20 J	22 J	PASS
Outsole Abrasion Resistance	≤ 250 mm^3	68 mm^3	PASS
Upper Flex Durability	No cracks after 125,000 Cycles	No cracks after 125,000 Cycles	PASS

GB 21148-2020

Chinese National Compulsory Standard for Personal Protective Equipment - Safety Footwear SLIP RESISTANCE TEST

Conditions	Modes	Friction Coefficient Test Requirement	Results
Ceramic tile surface with detergent solution	Forward Heel Slip	≥ 0.28	0.32
	Slide horizontally forward	≥ 0.32	0.34