





PPRODUCT : Safety Shoe

REF. NO. : FS 20#N(FWSAM)

REVISION	00
DATE	04/.07.2020

DOC. NO.	QF/RD/05	
ISSUE	01	



Protection Class:

S1, CI, SRC

SL. No.	CLAUSE	DESCRIPTION	SPECIFICATION
1	Design	Construction	Specially Injection Moulded Construction for enhanced strength.
	111	Seat Region	Closed
		Height of Upper	Less than 113 mm.
2	Toe Protection	General	Toe-Caps are incorporated in such a way that they cannot be removed. Footwear is lined in the Toe Section. The lining at the edge of the toe caps extends to more than 5 mm beneath it, and more than 10 mm behind it.
	//	Construction	Made from Fiber/Composite Toe
		Internal Length of To	
	7	Impact Resistance	When tested at an impact energy of 200 Joules, the clearance under the toe caps at impact is - Above 14.0 mm.
		Compression Resistance	When tested at a compression load of 15 kN, the clearance under the toe caps at impact is - Above 14.0 mm







_	11	Canadanadian	Made from Dive SIVAIST. Selvie Hanen
3	Upper	Construction	Made from Blue FLYNET Fabric Upper
		Tear Strength	Above 60 N
		Water Vapour	Above 2.0 mg/cm²/h.
	1	Permeability	(R)
	/	Materia	
		Water Vapour coefficient	Above 20 mg/cm ²
	//	pH Value	NA
		Chrome VI Content	NA
4	Tongue	Tear Strength	Above 18 N
5	Vamp	Tear Strength	Above 15 N.
	Lining	Construction	Non-Woven Fabric
	11	Martindale Abrasion	The lining does not develop holes when exposed to
		Resistance	25,600 dry cycles, and 12,800 wet cycles
		Water Vapour Permeability	Above 2.0 mg/cm²/h.
	11 /	Water Vapour	Above 20 mg/cm ²
	11 /	coefficient	1 11
6	Shoe Lining	Construction	Soft Red Spacer Lining
		Tear Strength	Above 15 N.
		Martindale Abrasion	The lining does not develop holes when exposed to
		Resistance	25,600 dry cycles, and 12,800 wet cycles
		Water Vapour Permeability	Above 2.0 mg/cm ² /h.
		Water Vapour	Above 20 mg/cm ²
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7	Insole	Construction	Insole is incorporated in such a way that it can not be
•	III.GGIG	Contraction:	removed.
		Thickness	Minimum 2.0 mm.
	1	Water Absorption an	d Above 70mg/cm²
	- 11	Desorption	Above 80%
		Abrasion Resistance	No damage to the insole when exposed to 400 cycles.
8	Insock	Material & Colour	Soft Moulded In-Socks & laminated with Fabric
	- 11	Thickness	Above 2 mm
		Abrasion Resistance	The lining does not develop holes when exposed to
		Tuning ii C	25,600 dry cycles, and 12,800 wet cycles
			2
9	Outsole	Construction	Single Density Polyurethane
	11 3	Colour	Black in Colour
	11/2	Thickness	Above 4 mm.
		Tear Strength	More than 5 kN/m.
		Abrasion Resistance	Volume loss is below 250 mm³.
		Flexing Resistance (30,000 cycles)	Cut growth is below 4 mm.
		Hydrolysis	Cut growth is below 6 mm.
		(150,0 0 cycles)	//
		Upper to Sollwond Strength	Above 4 N/mm
	1	Resistance to Fuel C	iBelow 12%.



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Cleated Outsole More than 45% of fore-part covered with cleats. More than 25% of heal portion is covered with Cleats. 10 After conditioning in a dry and wet atmosphere, the electrical Antisattic resistance is above 100 K ohms and below 1000 M ohms **Property** 11 Energy Above 20 joules. **Absorption** of Seat Region 12 **Anti Slip** Co-efficient of friction is more than 0.28 for heel region & more **Property** than 0.32 for flat region 13 Heat Below 220 C. (The insulation cannot be damaged without insulation damaging the footwear) of sole complex Cold 14 Below 10° C. (The insulation cannot be damaged without insulation damaging the footwear) of sole complex 15 HOT No damage to PU sole when exposed to a temperature of 120° C for 1 minute. CONTACT (PU SOLE)

