



TECHNICAL DATA

FOOTWEAR REQUIREMENTS NFPA 1971, 2018 EDITION

ITEM	DESIGN REQUIREMENT
Components	Must consist of sole with heel; Upper with lining; Puncture resistant device; Insole; Ladder Shank or whole sole equivalent; Impact & compression-resistant toecap
Sizing	Available in male sizes 5 – 16 and female sizes 5-10, including half sizes and a minimum of 3 widths. Full & half sizes accomplished by individual & unique male and female lasts. Dual sizing for both men & women not permitted.
Height	Height of thermal, physical and moisture protection no less than 250 mm (9.84"). Removable insoles shall not be removed prior to measurement; protection continuous to within 2" of footwear top with exception of ½" around pull up holes that penetrate footwear from outside to inside.
Width of Heel	Footwear heel width shall be equal or > than width of sole at intersection of heel breast & sole bottom, excluding any calendar roll where present
Footwear Heel Breast	Heel breast not less than 13 mm (1/2") or not more than 25 mm (1"). Angle not less than 90° or more than 135°; edges must measure 13 mm (1/2") minimum from upper at any point.
Puncture Resistant Device	Must cover maximum area of insole as specified in Section 3.3 of CSA Z195
Thread	Inherently flame resistant
Hardware and External Fittings	Free of rough spots; metal parts shall not penetrate from outside into liner or insole. No metal shall be used in construction or attachment of sole with heel to puncture-resistant device, insole, or upper