

**Prod. Ref.** 85280-CUO  
**Safety feat.** Class 75, EH PR  
**Sizes range** 6 - 12  
**Weight (sz. 9)** 1.72 lb  
**Width** W

□ **Description:** Brown water repellent Pull-Up nubuck boot, **Cambrelle** lining, non metallic **APT Plate** midsole.  
**Special Technical features:** Polyurethane/rubber outsole, electrical hazard, padded collar.  
**Suggested uses:** Engineering jobs, store houses, maintenance jobs.  
**Care and maintenance:** Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. Avoid contact with aggressive chemicals or extreme temperature (T < 14 °F, T > 572 °F). Avoid immersion in sea water, lime water or cement mixed with water.



## MATERIALS / ACCESSORIES

- Complete shoe Toe cap:** steel made, varnished with epoxy resin, impact resistant until 125 J (92.2 ft lbs) **CAN/CSA Z195 M92** Impact resistance (Clearance)  
**§ 4.1**
- § 5.2** reach clearance of 12.7 mm)
- Puncture resistant:** multi-layers highly tensile fabric **ASTM F 2413-05** Perforation resistant N  
**§ 5.7**
- EH features:** the footwear is fit for electrical insulation **ASTM F 2413-05** Leakage current in excess:  
**§ 5.5**

## SAFETY TECHNICAL SPECIFICATIONS

Clause	Description	Unit	Cofra result	Requirement
	Impact resistance (Clearance)	mm <b>15</b>		≥ 12.7
	And compression resistant <b>ASTM F 2413-05</b> Compression resistance (minimum strength to lbs)		<b>5450</b>	≥ 2500
			<b>1600</b>	≥ 1200
	application of 14,000 V for 1 min mA		<b>0.220</b>	≤ 3.0

## COMFORT EXTRA TEST

- Upper**
- Energy absorption system:** polyurethane low density and heel profile  
Brown water repellent Pull-Up nubuck thickness 0.079 in
- Lining**
- **Cambrelle**, breathable, abrasion resistant, color brown thickness 0.059 in  
Polyurethane - rubber, directly injected in the upper:
- Sole**
- Outsole: black rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and hot resistant  
Midsole: black polyurethane low density, comfortable and anti-shock.

Shock absorption	J	<b>40</b>	
Water vapour permeability	oz/in h	<b>9.10 x 10</b>	
Permeability coefficient	oz/in	<b>8.88 x 10<sup>3</sup></b>	
Water resistance	Minutes	<b>&gt; 60</b>	
Water vapour permeability	oz/in h	<b>1.14 x 10</b>	
Permeability coefficient	oz/in	<b>9.10 x 10<sup>3</sup></b>	
Abrasion resistance (lost volume)	in <sup>3</sup>	<b>5.49</b>	
Flexing resistance (cut increase)	in	<b>0.04</b>	
Hot resistance (572 °F)	----		<b>any melting</b>
Interlayer bond strength Lbf/in		<b>28.55</b>	Hydrocarbons resistance (ΔV = volume increase) % + <b>2</b>