



PRECISION TESTING LABORATORIES, INC.

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 www.precisiontesting.com

Laboratory Report No. 50036
 19-Jan-22

Page 1 of 2

Mr. Josele Olvera
 Calzado Industrial Duramax S.A. de C.V.
 Manuel Gutiérrez
 173 Javier Rojo Gómez,
 42030 Pachuca de Soto, Hgo., Mexico

Cc: n/a

PO #: n/a

Item: Three (3) pair of footwear and one and one-half pair of non metallic puncture resistant devices

Identification: Model: 2502 R
 Also Covers Style #: 2507 R, 2514 R, 2516 R, 2534 R (as stated by client)
 Size: US Size: 9 (as stated by client)
 Gender: Men's

Purpose: Impact Resistance, Compression Resistance, Electric Hazard Resistance, Puncture Resistance, ASTM F2412-18a/ASTM F2413-18

Test	Unit of Measure	Specimen Results			Average	Requirements	Pass / Fail	
Impact Resistance							Rating 75	
ASTM F 2412-18a							Male	
ASTM F 2413-18								
	Resistance, in.	0.521	0.516	0.506	0.514	0.500 min.	Pass	
	Velocity, in./sec	118.5	118.5	118.5	118.5	117.9±2.4"sec.	Pass	
Compression Resistance								
ASTM F 2412-18a								
ASTM F 2413-18								
	Resistance, in.	0.738	0.806	0.708	0.751	0.500 min.	Pass	
Electric Hazard Resistance								
18kv for 1 minute								
ASTM F 2412-18a								
ASTM F 2413-18								
	Begin, mA.	0.14	0.14	0.16	0.15	1.0 mA max.	Pass	
	End, mA.	0.15	0.14	0.17	0.15	1.0 mA max.	Pass	
Puncture Resistant, lbf.								
ASTM F 2412-18a, Section 11.5								
ASTM F 2413-18, Section 5.8.7								
270 lbf applied		Pass	Pass	Pass				
		Pass	Pass	Pass				
		Pass	Pass	Pass	n/a		Pass	
<i>Requirement: The puncture resistant device shall pass if the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200 N (270 lbf)</i>								

Test Note: The test specimens were conditioned and tested in accordance with ASTM F2412-18a Standard Conditions of 22°C (± 2°C) and 50% RH (± 5%).

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tj

Signed: 
Eric Olson, President



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Laboratory Report No. 50037
 19-Jan-22

Page 1 of 2

Mr. Josele Olvera
 Calzado Industrial Duramax S.A. de C.V.
 Manuel Gutiérrez
 173 Javier Rojo Gómez,
 42030 Pachuca de Soto, Hgo., Mexico

Cc: n/a

PO #: n/a

Item: Three (3) pair of footwear and one and one-half pair of non metallic puncture resistant devices

Identification: Model: 2506 X
 Also Covers Style #: 2505 X, 2524 X, 2590 X (as stated by client)
 Size: US Size: 9 (as stated by client)
 Gender: Men's

Purpose: Impact Resistance, Compression Resistance, Electric Hazard Resistance, Puncture Resistance,
 ASTM F2412-18a/ASTM F2413-18

Test	Unit of Measure	Specimen Results			Average	Requirements	Pass / Fail	
Impact Resistance							Rating 75	
ASTM F 2412-18a							Male	
ASTM F 2413-18								
	Resistance, in.	0.579	0.521	0.527	0.542	0.500 min.	Pass	
	Velocity, in./sec	118.1	118.1	118.1	118.1	117.9±2.4"sec.	Pass	
Compression Resistance								
ASTM F 2412-18a								
ASTM F 2413-18								
	Resistance, in.	0.827	0.847	0.790	0.821	0.500 min.	Pass	
Electric Hazard Resistance								
18kv for 1 minute								
ASTM F 2412-18a								
ASTM F 2413-18								
	Begin, mA.	0.13	0.12	0.12	0.12	1.0 mA max.	Pass	
	End, mA.	0.13	0.13	0.13	0.13	1.0 mA max.	Pass	
Puncture Resistant, lbf.								
ASTM F 2412-18a, Section 11.5								
ASTM F 2413-18, Section 5.8.7								
270 lbf applied		Pass	Pass	Pass				
		Pass	Pass	Pass				
		Pass	Pass	Pass	n/a		Pass	
<i>Requirement: The puncture resistant device shall pass if the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200 N (270 lbf)</i>								

Test Note: The test specimens were conditioned and tested in accordance with ASTM F2412-18a Standard Conditions of 22°C (± 2°C) and 50% RH (± 5%).

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Signed: 
Eric Olson, President