



INTERTEK TEST REPORT

3933 US ROUTE 11

CORTLAND, NEW YORK 13045

REPORT NO.: G101526431CRT-001

RENDERED TO:

**PORTWEST, LLC
1272 OMEGA PARKWAY
SHEPERDSVILLE, KY 40165**

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STANDARDS USED:

ASTM F 2412 - *Standard Test Method for Foot Protection*- 2011 Edition: Impact and Compression, Static Dissipation and Puncture Resistance.

AUTHORIZATION:

The tests were authorized by Quote Numbers 500506590, 500541021, & 500534102 signed by Ray Carney and Robbie Irwin.

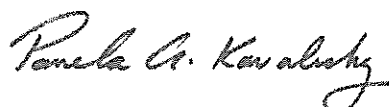
SPECIMEN DESCRIPTION:

The tests were performed on specimens identified by the client as Style F03 (Models UFW10, 13, 14, 19, 20, 21, 29 & 43), Style F06 (Models UFW71, 74, 75, 84, 94 & 95), Style F07 (Models UFW16, 17 & 18), Style 08 (Models UFW31 & 32), Style F10 (Models UFW80, 81, 82 & 83), Style F12 (Models UFW01, 02, 05, 15, 25, 60, 61, 63, 64, 69 & 88), Style F12TPU (Model UFW57), Style F15 (Models UFW33, 34, 38 & 39), Style F18 GD (Models UFD01 & 02), Style F19 (Models UFC60 & 61) and Style F21 (Models UFC10, 11, 12, 14, 21, 41, 44, 63, 64 & 65). The samples previously described, were received in pristine condition on 01/16/2014 and 03/14/2014 and evaluated between 02/12/2014 and 07/21/2014. The testing was performed at Intertek located in Cortland, NY and Precision Testing Laboratories, Inc. located in Nashville, TN.

CONCLUSION:

The samples submitted by Port West, LLC were evaluated in accordance with ASTM F 2412 - *Standard Test Method for Foot Protection*- 2011 Edition: Impact and Compression, Static Dissipation and Puncture Resistance. Test data sheets are attached as an appendix (11 pages following).

Report Prepared by:



Pam Kavalesky
Engineer
Performance Group

Report Approved by:



Rob Simmonds
Engineer
Performance Group

ASTM F 2412-2011
IMPACT & COMPRESSION

PRODUCT DESCRIPTION: Model FC-64

IMPACT:

SAMPLE NO.	GATE SPEED (ms)	GATE VELOCITY (in/sec)	CLEARANCE AFTER IMPACT (mm)
1	8.52	117.4	14.73
2	8.45	118.3	4.39
3	8.54	117.1	9.44

IMPACT: Retest

SAMPLE NO.	GATE SPEED (ms)	GATE VELOCITY (in/sec)	CLEARANCE AFTER IMPACT (mm)
1	8.43	118.6	17.33
2	8.43	118.6	17.02
3	8.39	119.2	17.06

COMPRESSION:

SAMPLE NO.	FORCE APPLIED (lbf)	CLEARANCE AFTER IMPACT (mm)
1	2500.6	17.37
2	2500.6	17.14
3	2500.6	20.75