

Manufacturer	Summit Glove	Test #	SM214-14
Product Name	CLG413		
Product Type	13g Gray High Performance Fiber w/ Steel		
Test Date	7/2/2014	Test Lab/Facility	R&D Laboratory
Temperature	72	Humidity	45%
		Operator	MP

Average Rating Force (gf)

1797
1 Samples Tested

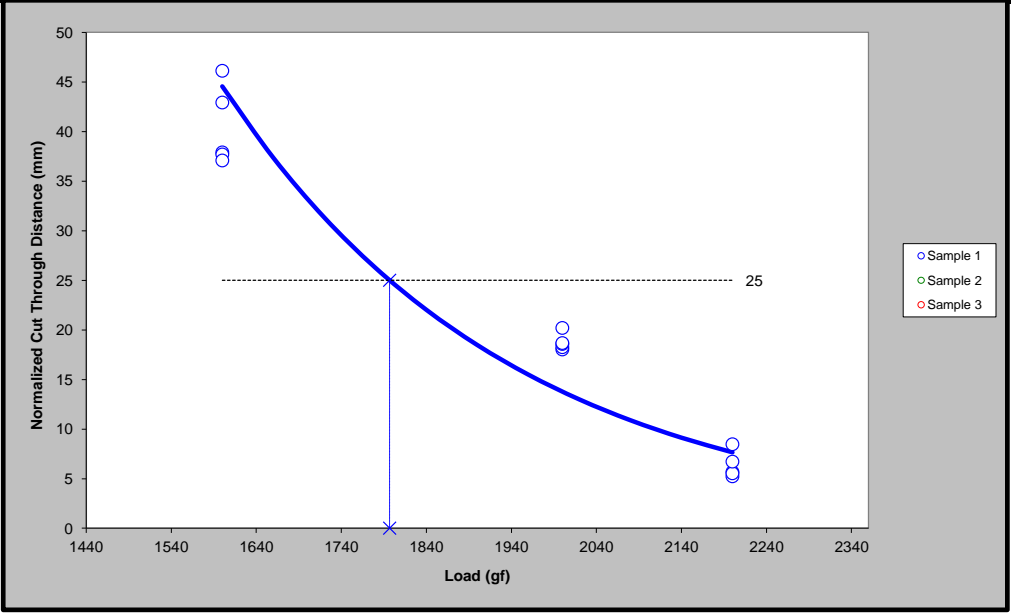
ASTM F1790-97
CPPT

Cut Resistance Performance Level

4

ANSI/ISEA 105-2011
Section 5.1.1

	Sample 1	Sample 2 <input type="checkbox"/> Include	Sample 3 <input type="checkbox"/> Include
	Rating Force (gf) 1797	Rating Force (gf)	Rating Force (gf)
	Load (gf) Distance (mm) Norm. Distance (mm) No Cut	Load (gf) Distance (mm) Norm. Distance (mm) No Cut	Load (gf) Distance (mm) Norm. Distance (mm) No Cut
Calibration Cut (before)	400 26.71 37.91		400 26.71 37.91
Sample Cuts	1 1600 39.45 37.91		
	2 1600 39.23 37.70		
	3 1600 44.68 42.94		
	4 1600 48.00 46.13		
	5 1600 38.60 37.10		
	6 2000 18.77 18.04		
	7 2000 19.00 18.26		
	8 2000 19.34 18.59		
	9 2000 21.03 20.21		
	10 2000 19.45 18.69		
	11 2200 8.82 8.48		
	12 2200 5.45 5.24		
	13 2200 5.92 5.69		
	14 2200 5.77 5.55		
	15 2200 7.01 6.74		
Calibration Cut (after)	400 26.15 0.96	400 26.15 0.96	400 26.15 0.96
Results	Sharpness Correction 0.96	Sharpness Correction 1.00	Sharpness Correction 1.00
	Reference Distance 25.00 mm	Reference Distance 25.00 mm	Reference Distance 25.00 mm
	Rating Force 1796.87 gf	Rating Force gf	Rating Force gf
	95% Confidence Interval 205.91 gf	95% Confidence Interval gf	95% Confidence Interval gf
	Standard Deviation 95.31 gf	Standard Deviation gf	Standard Deviation gf
Optional Sample Properties	R-Squared 0.90	R-Squared	R-Squared
	Correction Factor 0.04	Correction Factor	Correction Factor
	Basis Weight g/sq.m.	Basis Weight g/sq.m.	Basis Weight g/sq.m.
	Thickness mm	Thickness mm	Thickness mm



Summit Glove certifies that the following test was performed in accordance with the specification test requirements and that the reported results are true and valid. This report is limited and related only to the particular instrument, material or other subject to which it refers. These Test results can not be compared to results obtained using different methods or under different conditions. No representation is made that similar articles will be of like quality.

The above results were obtained using the standards set forth by the American Society for Testing and Materials (ASTM) under the fixed designation ASTM F 1790. This test was performed on a properly calibrated Straight Arm CPPT machine using all the methods and materials as stated within the ASTM standard -