



INTERTEK TEST REPORT

3933 US ROUTE 11

CORTLAND, NEW YORK 13045

Order No. G102853871

Page 1 of 4

Date Issued: February 13, 2017

REPORT NO.: 102853871CRT-003

RENDERED TO:

**ERGODYNE
ST. PAUL, MN 55108**

STANDARDS USED:

ASTM F2992 *Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer (TDM-100) Test equipment*; 2015 Edition. The testing equipment used: SATRA STM610.

AUTHORIZATION:

The tests were authorized by Quote Number Qu-00760234, signed by Andy Olson.

SPECIMEN DESCRIPTION:

The tests were performed on specimens identified by the client as: #922 CR Nitrile DIR Gray Gloves. The samples previously described were received in pristine condition on 02/03/17 and evaluated on 02/08/2017. The testing was performed at Intertek located in Cortland, New York.

CONCLUSION:

The samples submitted by Ergodyne were evaluated in accordance ASTM F2992 *Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer (TDM-100) Test equipment*; 2015 Edition. Test data sheets are attached as an appendix (2 pages following).

Project Owner:



Rob Simmonds
Engineer
Performance Group

Report Approved by:



Pam Kavalesky
Engineer
Performance Group

APPENDIX
ASTM F2992-2015
BLADE CUT RESISTANCE

PRODUCT DESCRIPTION: #922 CR Nitrile DIR Gray Gloves

Sample 1					
Cut Resistance Performance Level		Rating Force (gf)			
		1131			
ANSI/ISEA 105-2016 SECTION 5.1.1		Load (gf)	Distance (mm)	Norm. Distance (mm)	No Cut
<i>Calibration Cut (before)</i>		500	16.80		
Sample Cuts	1	1226.9	9.00	10.94	
	2	1226.9	9.30	11.31	
	3	1533	5.20	6.32	
	4	1533	6.80	8.27	
	5	1533	6.60	8.02	
	6	1022.1	27.90	33.92	
	7	1022.1	28.30	34.41	
	8	1022.1	21.60	26.26	
	9	1022.1	30.20	36.72	
	10	1226.9	21.30	25.90	
	11	614.8	44.20	53.74	
	12	614.8	35.70	43.40	
	13	614.8	42.90	52.16	
	14	715.7	45.50	55.32	
	15	819.3	37.80	45.96	
<i>Calibration Cut (after)</i>		500	16.10		
Results			Sharpness Correction	1.22	
			Reference Distance	20.00	mm
			Rating Force	1130.63	gf
			95% Confidence Interval	296.77	gf
			Standard Deviation	137.37	gf
			R-Squared	0.87	
			Correction Factor	0.05	

