

Cortina Leathers

Soiling Test: Florence

Laboratory Test Certificate Number: 27554

P.O. Number: 03153

REPORT AUTHORIZED BY: Steven D. Lange (Director)
9/25/2018

SAMPLE INFORMATION

Client	Cortina Leathers 494 East Main Road Conneaut, OH 44030
Contact	Jack Prause JPrause@ConneautLeather.com
Sample	One Hide identified as “Florence,” “Cortina leather with Crypton-Protective Top Coat” Strong Leather Cleaner – Cortina Leathers’ Leather Cleaner, manufactured by Leather Master Ink Remover – Cortina Leather’s Ink Remover, manufactured by Leather Master
Date received	August 31, 2018
Tests Requested & Performed	Soiling Test – Per customer instructions, samples may be cleaned multiple times for removal of spots.

RESULTS

Table 1. FLUID RESISTANCE TESTING

Type	#	Fluid Description	Grey Scale Rating	
			1 Hour Exposure	24 Hour Exposure
Beverages	1	Red Wine	5	5
	2	Beer	5	5
	3	Whiskey	5	5
	4	Cola	5	5
	5	Coffee	4.5	4
	6	Red Bull	5	5
Food	7	Mayonnaise	5	5
	8	Olive Oil	5	5
	9	Catsup	5	5
	10	Vegetable Oil	5	5
	11	Chocolate (melted)	5	5
Accessories	12	Mustard	4.5	4
	13	Ball Point Pen	5	3.5
	17	Lipstick	5	4
Bodily Fluids	15	Sharpie	4.5	2.5
	16	Synthetic Urine	5	5
		Blood	5	3.5*

Test Method:

All products are to be applied on the specimens on two different spots (for 1 hour and 24 hour exposure) using a pipette.

Each spot of product is approximately one half square inch (0.5 in²)

Specimen is to be exposed to products for 1 hour and 24 hours at normal room temperature and humidity.

After the end of the product exposure, products shall be removed by wiping off using cleaning product and procedure recommended by the leather supplier.

Resulting stain shall be evaluated visually and graded using the AATCC Gray Scale for Staining.

Cleaning Procedure:

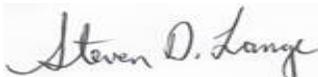
Remove product with dry cloth. Clean spot with clean cloth and appropriate cleaner. 10% Household Bleach Solution may also be used. Gently dry with new cloth.

**Finish damaged*

Note: Sharpie, Ball Point Pen and Lipstick samples were cleaned multiple times with Ink Remover and 10% bleach solution to try to remove the stain.

Table 2. TESTING FLUID IDENTIFICATION

Testing Fluid	Brand / Source
Red Wine	Alamos Cabernet Sauvignon 2012
Beer	Miller Lite
Whiskey	Jack Daniel's
Cola	Diet Coke
Coffee	Folger's Medium Roast
Red Bull	Red Bull
Mayonnaise	Kroger
Olive Oil	Crisco Imported Pure Olive Oil
Catsup	Kroger
Vegetable Oil	Kroger
Chocolate (melted)	Hershey's Milk Chocolate
Mustard	French's
Ball Point Pen	Blue, Big Stic Fine
Lipstick	Maybelline 630 Red Revolution
Sharpie	Black, Standard point
Synthetic Urine	Sigma Aldrich
Blood	Bovine, Sierra



Steve Lange
Director



Michael Kelley
Research Assistant

IMPORTANT INFORMATION

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The results provided by this test report relate only to the items tested.

Any test samples or remains of the original sample are normally disposed of 30 days after the date of this report without further client notification. Clients requiring sample return must contact the Leather Research Laboratory without delay.