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Uppdragsgivare
Client

Uppdragsgivarens ref.
Client's ref.

Vårt ref. nr.
Our ref. no.

U 945-797

Object: To investigate the stain removal properties of Silk & Clean tissues.

Test material: Six multicoloured silk ties and Silk & Clean tissues delivered by the client.
Four of these ties were chosen by IFP for staining and stain removal.
They were marked A, B, C and D by IFP as below.



A



B



C



D

Test material received 95-03-22.

The commission was performed 95-04-03--06.

The following stain substance were bought by IFP:

Waterbased stains:

Mrs Cheng's chinese soya

Coca-Cola Classic

Orangejuice, Konsum blåvit

Red Wine: Marques De Arienzo

Coffe. Nescafé Dark roasted.

Tea: Tetley English Breakfast.

Fatty stains:

Lipstick: Collection 2000 - 108

Dressing: Felix classic salad dressing

Cream: Arla whipping cream

Cooking oil: Risenta olive oil

Procedure:

The ties were stained in the following way:

Two short strokes on top of each other were made. From the other substances 0,2 ml were applied. After about 48 h the stains were assessed with grey-scales according to EN 20 105-A03 before and after attempts to remove the stain.

Waterbased stains were treated with distilled water. The remainder were there after treated with Silk & Clean tissues according to instructions. Fatty stains were treated only with Silk & Clean.




Results: **Stain removal performance**

Test material	Stain substance	Staining, grade		
		Before stain removal	after treatment with water	with Silk & Clean
Tie A	Lipstick	1	-	3-4
	Red Wine	4	4-5	5
	Coffee	5	-	-
	Cream	3-4	-	4-5
	Coca Cola	4-5	5	-
Tie B	Cooking oil	1-2	-	3
	Soya	1	4-5	5
	Tea	3	3-4	4-5
	Dressing	1	-	2-3
	Juice	2-3	5	-
	Water	4-5	-	5
Tie C	Lipstick	1	-	2-3
	Red Wine	4	4-5	5
	Coffee	4	5	-
	Cream	2-3	-	2-3
	Coca-Cola	2-3	5	-
Tie D	Cooking Oil	4-5	-	5
	Soya	1	4-5	4-5
	Tea	2-3	3-4	3-4
	Dressing	2	-	2-3
	Juice	3	5	-
	Water	4-5	-	5

Scale 1-5, where 5 is the best.

Mölnådal, April 11, 1995

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Berndt Johansson/


Inger Johansson



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Comments to report U 945-797

The result of stain removal with the Silk & Clean tissue depends on both colour and structure of the tie and the staining substance.

The result shows that in most cases Silk & Clean has a positive effect. Together with water 11 out of 22 stains are completely removed. In one case only there is no effect at all.

You should also observe that the stains has been drying for 48 hours.

Mölnadal, 95-04-11

IFP

Bernt Johansson