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Clothes make the man : early medieval textiles from the Netherlands

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About the author

Chrystel Brandenburgh was born on the 16th of August 1975 in Boxtel. After receiving her VWO diploma at the Newton College in Breda she successfully completed her propaedeutic degree in History at the University of Amsterdam in 1994. Chrystel continued to study at the Faculty of Archaeology of Leiden University where she obtained a degree in the archaeology of Prehistory of North-western Europe in 1997.

For several years she worked as an archaeologist in the municipality of Breda. From 2003 she became the municipality archaeologist of Leiden, the city where she has been living since her studies.

In 2008 Chrystel registered at the Faculty of Archaeology at Leiden University as a PhD extramural student under supervision of Prof. Willem Willems. During subsequent years she combined her job in Leiden with her PhD-research on early medieval textiles from the Netherlands. Besides her involvement in heritage management and interdisciplinary research regarding the history of Leiden, she has participated in international conferences on the subject of her PhD research and has written several articles on this topic.

Appendix I - Bergeijk

Find number	Date	Gender/ Age	Fibre	Weave	Thread Count	Spin	Pattern	Comments
10.h3	FAG 5-10 (7th century)	?	Wool	2/2 twill	10-11x10	z/s	?	2 loose fragments of wool textile
24.q3	FAG 6-7 (580/90-640/50)	M	Wool	2/2 twill	16x12	z/z		two indeterminate fragments iron with textile and straw attached to both.
24.x1	FAG 6-7 (580/90-640/50)	M	Wool ?	2/? twill	12x8-10	z/s	?	remains of textile on front side of strap end. Textile is heavily abraded, making weave poorly visible.
24.ee1.1	FAG 6-7 (580/90-640/50)	M	Wool	none		2sZ	cord 5mm thick	On front side of plate buckle two strands (5mm thick) of possibly twined cord have been documented. Perhaps not twined but untwisted bundle of fibres because twist and twine is very low and in some places not noticable.
24.ee1.2	FAG 6-7 (580/90-640/50)	M	Wool	2/2 twill	10x7	z/s	?	On backside of plate buckle three fragments of same coarse woollen textile are present.
24.gg1	FAG 6-7 (580/90-640/50)	M	Wool	2/2 diamond twill	12-15x9-12	z/z	diamond twill, pattern repeat not visible	3 fragments of indeterminate iron and 1 fragment of plate, 1 plate buckle and 1 belt plate with fabric and pieces of straw attached. Weave and spinning are on some fragments somewhat irregularly carried out. TX on outside of plate buckle 24.fic1
24.aa4	FAG 6-7 (580/90-640/50)	M	??	??	??	z/s		small fragment of fe with negative cast of a few threads (z&s twisted)
26.d1	?	M	?? (resembles linen, no fibre identification possible)	tabby	11-12x10	z/z		
26.e1	?	M	??	??	??	s/?		Very worn down
29.e1	FAG 5-10 (7th century)	?	??	tabby (?)	16-18x14	z/z		Textile is present on 1 side of the knife. Textile is very worn down hence weave not 100% sure. No fibre identification possible.
33.fl	FAG 6 (580/90-610/20)	M	??	??	??			Very worn down, textile on 1 side of rivet. No identification possible.
33.d2	FAG 6 (580/90-610/20)	M	Plant	none		s		33d1 is a rolled up sheet of lead with piece of rope inside. Rope is s-twisted. Fibres very damaged.
33.b1	FAG 6 (580/90-610/20)	M	Wool	2/2 twill	8x6-7	z/s		FE buckle and several indeterminate fragments of iron. TX on one side of two fragments. Same as 33.e1 and 33.i2!
33.e1	FAG 6 (580/90-610/20)	M	Wool	2/2 twill	8-10x6-8	z/s		Two fragments of a semicircular iron buckle plate. On both pieces textile remains are present on the frontside. On the back remains of leather of belt are still present. Same as 33.b1 and 33.i2!

APPENDICES

Find number	Quality weave	Quality spinning	Measurements (cm)	Twist X	Twist Y	Thread thickness X (mm)	Thread thickness Y (mm)	N fragments
10.h3			1,5x1,5cm & 0,5x1cm	medium	medium	0.75-1	0.5-0.7	2
24.q3	fine & regular		2x1cm (x2)	medium	medium- high	0.4-0.8	0.4-0.8	2
24.x1			2x2.5	low	low	0.75	0.75-1	1
24.ee1.1								
24.ee1.2	coarse fabric	regular	0.6x1.5; 0.5x0.5	medium	medium	0.7-1	1	3
24.gg1	irregular, dense	irregular	0.5x0.5; 3x2; 3x3	medium-high	medium-high	0.3-0.7	0.75-1	6
24.aa4				medium	medium	0.5-0.7	0.5-0.7	1
26.d1	dense	smoothly spun		medium	medium	0.6	0.7-1	1
26.e1						0.5-1		1
29.e1	Fine	good	1x0.5	medium	low	0.2-0.3	0.5	1
33.fl			0.4x0.3					
33.d2			Ø 3mm, 1,3 cm long			3mm		1
33.b1			1x1	low-medium	low	0.75-1	0.75-1	2
33.e1			2x0.6	medium	medium	1	0.75	2

CLOTHES MAKE THE MAN

Find number	Date:	Gender/ Age	Fibre	Weave	Thread Count	Spin	Pattern	Comments
33.i2	FAG 6 (580/90-610/20)	M	Wool	2/2 twill	10x8	z/s		Several fragments of indeterminate iron. On two fragments tx-remains are present. Same as 33.b1 and 33.e1!
44.2	FAG 5-6 (565-610/20)	M	Wool	2/2 twill	14x8	z/s		
44.g1	FAG 5-6 (565-610/20)	M	Wool	2/2 twill	10x8-9	z/s		weave very stretched, either diamond or chevron twill. Too fringed to make positive identification of pattern.
44.q1	FAG 5-6 (565-610/20)	M	Wool ?	2/? twill	?x6	z/s		very worn down. No fibre identification possible.
49.2	FAG 8 (640/50-670/80)	M	Wool	tabby	9x8	z/z		fabric is folded double, rather thick threads, barely spun, dense weave.
50.g2	Fag 8 (640/50-670/80)	F	Wool	2/2 diamond twill	28x13-14	z/s	Diamond twill, pattern repeat 20/14 ? Pattern is hard to count.	5 fragments of non-mineralized textile with leather and copper adhered to two pieces. Pieces found in area of waist. 2 fragments associated with copper rivet.
50.h2	Fag 8 (640/50-670/80)	F	Wool	2/2 twill	8x7-8	z/s		Non-mineralized textile
52.a2	FAG (7)-8 (640/650-670/80)	M	Wool ?	2/2 twill	9-10x6-7	z/s		2 fragments of textile, not associated with object. 1 fragment is adhered to piece of wood.
52.a2	FAG 7-8 (610/20-670/80)	M	Wool?	2/? twill	7-8 x ?	z/z		Fabric is wrapped around the shaft of the object. Weave is distorted (warp/weft at oblique angles). Big gaps between the threads. Badly preserved.
56.1	FAG 5-10 (7th century)	?	Wool	2/2 twill	6-7x6	z/s		Open weave, distorted (warp and weft pulled oblique).
56.d1	FAG 5-10 (7th century)	?	Wool	2/2 twill	8x9-10	z/s		Open, distorted (warp/weft pulled at oblique angles). Finer fabric than 56.1
56.f1	FAG 5-10 (7th century)	?	Wool	tabby	14x12	z/z		Fine weave. A bit distorted (warp/weft a bit oblique).
56.h1	FAG 5-10 (7th century)	?	Plant?	tabby	8x6	z/z		On 56.h1: 2 layers of same fabric on top of each other. A bit open tabby. On 56.i1 only 1 layer.
57.5	FAG 5-10 (7th century)	?	Wool	tabby	12x10-11	z/z		20 indeterminate fragments of iron together part of a large fe ring. TX on one side of one fragment. Fine, dense weave. Threads are smoothly spun.

APPENDICES

Find number	Quality weave	Quality spinning	Measurements (cm)	Twist X	Twist Y	Thread thickness X (mm)	Thread thickness Y (mm)	N fragments
33.i2		a bit irregular		medium-high	medium	0.75-1	1-1.2	2
44.2	dense		0.8x0.3	medium-high	low	0.5-0.75	0.5	1
44.g1		regular	2.5x2	low-medium	medium	0.5	0.5	1
44.q1				medium	medium	0.75	0.75	1
49.2	dense		2.5x2	low	low	1-1.2	1-1.2	1
50.g2	fine	good	1x2; 2x2; 1.5x3; 0.5x0.8	medium	low-medium	0.2-0.4	0.2-0.4	5
50.h2	coarse	regular	0.8x1.3	medium	low	0.75-1	1-1.2	1
52.a2			0.5x0.5; 1.5x2; 1x1	medium	low-medium	0.75	0.75	3
52.a2	coarse	regular		low	low	0.75	0.75	1
56.1	open		1.5x1.5	medium-high	medium	0.75-1	0.5-0.75	1
56.d1	open	irregular	1x1	medium-high	medium	0.75-1	0.75	1
56.f1	fine	regular	2x2	medium	medium-high	0.4-0.6	0.4	1
56.h1	a bit open, regular	regular	2x2	medium	medium	1	1	2
57.5	Fine, dense	regular	0.5x0.5	medium	medium	0.5	0.5	1

CLOTHES MAKE THE MAN

Find number	Date:	Gender/ Age	Fibre	Weave	Thread Count	Spin	Pattern	Comments
62.g1	FAG 6-7 (580/90-640/50)	?	wool	2/2 diamond twill	9-10x6-7	z/s	diamond twill. Very large pattern, pattern repeat falls beyond this fragment.	Indeterminate fragment of iron with leather and tx. Fe is covered completely with textile.
62.s	FAG 6-7 (580/90-640/50)	?	Wool	2/2 twill	12x7	z/s		Very regular fabric. Large piece of textile attached to piece of fe.
63.d1	?	?	Wool	tabby	11-12x10	z&s/z	Spinpattern in warp (z-s-z-s)	fe rivet with piece of fabric folded three times on the head of the rivet. A bit open tabby.
64.abc1	FAG 5-6 (565-610/20)	M	Wool	2/2 twill	10x7-8	z/s	plan twill	Large fragment of tx on head of the umbo. Thin warp, thicker weft. A bit open weave.
77.w	FAG 7-8 (610/20-670/80)	F	Wool	2/2 diamond twill	7-10x7-9	z/s	diamond twill	5 fragments of non-mineralized tx found in association with 2 copper belt plates. Thick, compact weave, 1.5mm thick.
77.r1	FAG 7-8 (610/20-670/80)	F	wool	?		z/s		tx on 1 side of strap end. Very decayed: bind not visible any more. Threads seem thicker than those in fabric on belt plates.
77.q4	FAG 7-8 (610/20-670/80)	F	wool	2/2	8x6	z/z		coarse 2/2 twill on edge of fe strap end. A bit open weave.
89.b1	Fag 9 (670/80-710)	F	? Fibre was too much damaged. On surface it appeared like wool (curly)	tabby	13-14x11	z/z		2 layers of same fabric on front side of the buckle loop. Irregular threadthickness.
89.k2	Fag 9 (670/80-710)	F	??	2/2(?) twill	13x13	z/z		fine weave, smoothly spun and woven. Tx is found on one side of strap end. On same side straw has been found.
89.h1.1	Fag 9 (670/80-710)	F	wool	tabby	25x22	z&s/s	spinpattern in warp ...4z-4s-4z-4s...	Very fine tabby, found on front of belt fitting and wrapped around the edge toward the back.
89.h1.1	Fag 9 (670/80-710)	F	?? Too little sample to make positive identification. Surface looked like wool.	2/2 twill	12x8	z/z		very damaged. Irregularly spun, open weave. TX on backside of belt fitting.
19h2	FAG 5-7 (565-640/50)	F	Wool?	2/2 twill		z/s		Very decayed and fallen apart. Probably a very open weave. Textile not in association with object.

APPENDICES

Find number	Quality weave	Quality spinning	Measurements (cm)	Twist X	Twist Y	Thread thickness X (mm)	Thread thickness Y (mm)	N fragments
62.g1	very regular	regular	2.5x2.5	medium-high	medium	1	1-1.5	1
62.s	regular	regular	2x2	medium	medium	0.75	0.75	1
63.d1	a bit open	regular		medium	medium	0.5-0.75	0.75	1
64.abc1	a bit open	regular	5x10	medium	medium	0.2	1	1
77.w	regular	a bit irregular	1.4x1; 1x0.5; 2x2	medium	medium	0.75-1	0.75-1	3
77.r1				medium	medium	0.5-0.75	0.75	1
77.q4	a bit open		2.5x1	medium	medium	1	1	1
89.b1	irregular	irregular	3x2	low-medium	low	0.2-0.7	0.2-0.7	1
89.k2	fine	smooth	1x0.75	low	low	0.5	0.5	1
89.h1.1	fine, dense	fine	3x4mm - 2.5x1cm	medium	medium	0.2	0.2	8
89.h1.1	open	irregular	2.5x1	low-medium	medium	0.5-1	0.2-0.3	1
19h2	open	irregular	1x1	medium	medium	0.5-1	0.5-1	1

Appendix II - Posterholt

Find number	Date	Gender/ Age	Fibre	Weave	Thread Count	Spin	Pattern	Comments
23-IV-34	ND	?, 10-20	Linnen?	tabby	18x16	z/z		buckle with leather on back side. Folded over front side is this fine, smooth tabby.
21-III-15	ND	F, 12-40	?	tabby	12x12	z/z		FE buckle with leather on back. Tx on front of buckle (on pin)
21-III-23	ND	F, 12-40	?	tabby	13-14x 11-12	z/s		Knife in scabbard of leather on wood. TX on leather of scabbard.
22-IV-115	II-III (580/90-640/50)	F	?	tabby	10x9	z/z		tx folded around ring, thin threads, open weave
62-II-18	IV (670/80 - <750)	M	Wool?	tabby	10x9	z/z		
62-II-13	IV (670/80 - <750)	M	Linnen?	tabby	10x10	z&s/s	1z-2s-1z-2s	a bit open weave
61-II-7	ND	?	Wool	tabby	12-13x 10	z/z		fe pin (pin of fibula?) with 3 layers of same tx on both sides. Oblique and open weave
52-III-2	II-III (610/20-670/80)	?	Wool?	tabby	12x12	z/z		very open weave with thin threads. Oblique. Fe plate on leather belt with bronze niet. Tx on plate and niet
70-III-5	II-IV (610/20-710)	M	Wool?	2/2 twill	10x8	z/s	probably plain twill	4 fragments of mineralized textile, not associated with metal object. Fibre could not be sampled.
90-III-15	II-III (610/20-670/80)	M	?	2/2 twill		z/s		bronze plate on tx on leather on wood. Tx was only visible on edge, therefore threadcount could not be ascertained. Coarse weave, thick threads.
81-II-1	NF	?	Wool	2/2 plain twill	10x6-7	z/z	plain twill	
84-III-15	ND	?	Wool?	2/2 twill	8x5-6	z/z&s		
73-III-7	I (510/20-580/90)	M	Wool	2/2 diamond twill	8x8	z/s	diamond twill	textile was wrapped or folded around object
72-III-17	I-II (565)-580/90-640/50)	?	?	??	ca. 10x10	z/z		very corroded, weave and fibre damaged.
49-II-5	ND	F	?	tabby	12x11	z/z		
49-II-1	ND	F	Wool?	2/2 twill	14x12-14	z/z		2x fe niet with t on one side
34-IV-5	ND	?	Linnen?	2/2 twill	8-9x6-7	z/z		2 fragments fe with fragments of same textile. Coarse, a bit open weave.
58-III-11	II (610/20-640/50)	M	Linnen?	tabby	6x5	z/z		
58-III-9	II (610/20-640/50)	M	?	tabby	7-8x5	z/?		Bronze plate on leather belt with straw and tx. Same belt as 58-III-1, weave is probably same as 58-III-11, but fragment is too small to be sure. TX is covered in lacque, difficult to see weave and spin.
58-III-7	II (610/20-640/50)	M	?	?		z/?		buckle with tx and straw on same side. Only few threads visible. Weave not visible.
58-III-16	II (610/20-640/50)	M	wool?	2/? twill	ca 10x10	z/s		wood/leather with straw and tx on same side
85-III-48	II-IV (580/90-<750)	F	wool	tabby	9x11	s/s		
85-III-37	II-IV (580/90-<750)	F	?	?		z/z		fragment fe with tx folded around. Weave and threadcount not visible
85-III-34	II-IV (580/90-<750)	F	?					indet, tx wrapped around object
85-II-17	II-IV (580/90-<750)	F	?			2zS		2 fe plate (85-II-17 and 85-III-39. On both sides 2zS thread, wrapped around? No second threadsystem visible, therefore probably thread wrapped around object.

APPENDICES

Find number	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
23-IV-34	fine	smoothly spun	3x2	low	low	0.2-0.4	0.2-0.4	1
21-III-15	open	regular	1x0.8	medium	low	0.3-0.5	0.5-0.75	1
21-III-23	open	smoothly spun	2x0.8	medium	medium	0.2-0.5	0.2	1
22-IV-115	open	regular	1x2	medium	medium	0.4-0.5	0.4-0.5	1
62-II-18		regular	1x1.5	medium	low	0.75-1	0.75-1	1
62-II-13		smoothly spun	0.8x0.5	low	low	0.7	0.5-0.7	1
61-II-7	open		1x2	medium-high	low-medium	0.3-0.6	0.5	1
52-III-2	open	regular	2x2	medium	medium	0.2-0.3	0.2-0.3	1
70-III-5		regular	1x1; 0.5x0.5; 1x2.5	medium	medium	0.6-0.7	0.7-1	4
90-III-15	coarse	regular		medium	medium	1	1	2
81-II-1	regular, bit open	regular	2.5x2; 1.5x1	medium-high	medium-high	0.75-1	1	2
84-III-15	coarse	irregular	0.8x1	medium	medium	0.4-0.75	1-1.2	1
73-III-7	dense, regular	regular	3x3	medium	low-medium	0.6-0.7	1	1
72-III-17		regular	0.5x1	medium	medium	0.8	0.7-0.8	1
49-II-5	fine weave, bit open	regular	0.5x0.5	medium	medium	0.3-0.5	0.5	1
49-II-1	regular	regular	0.5x0.5	medium	medium	0.4-0.5	0.5	2
34-IV-5			2x2; 1x1	medium	medium	1	1-1.25	2
58-III-11	open, coarse		2.5x2	medium	low	0.75-1	1	1
58-III-9			0.5x0.5	low	?	1	1	1
58-III-7				medium		0.3-0.5		1
58-III-16		regular		medium	low	0.5	0.5	1
85-III-48	dense	regular	1x2.5	low	low	0.5-0.75	0.75-1	1
85-III-37			1x1	medium		0.4		
85-III-34								
85-II-17						0.5		2

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Find number	Date	Gender/ Age	Fibre	Weave	Thread Count	Spin	Pattern	Comments
85-II-17	II-IV (580/90- <750)	F	?			2zS		2 fe plate (85-II-17 and 85-III-39. On both sides 2zS thread, wrapped around? No second thread system visible, therefore probably thread wrapped around object.

APPENDICES

Find number	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
85-II-17						0.5		2

Appendix III - Maastricht

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
01-04-03.TX1	0	stray find				Maastricht Servaaskerk	?	1/2 rippenkoper	17-18x12	z/z	Pattern repeat 6/6
03-TT-00.2.TX1	0	stray find				Maastricht Servaaskerk	?	indet		z/s	
16-03-00.1.TX1	0	stray find				Maastricht Servaaskerk	?	Tabby		z/z	
17-02-07.1.TX1	0	stray find				Maastricht Servaaskerk	?	Tabby (rips)	10x30	s/z	
30-01-05.1.TX1	0	stray find				Maastricht Servaaskerk	?	Tabby	16x16	z/z	
30-01-05.3.TX1	0	stray find				Maastricht Servaaskerk	?	Tabby	16x12	z/z	
30-01-05.3.TX2	0	stray find				Maastricht Servaaskerk	?	Tabby	14x12	z/z	
01-02-01.1.TX1	1	inhumation	754-784		43-49 years	Maastricht Servaaskerk	wool?	Tabby	ca 28x28	z/s	
03-06-01.1.TX1	26	inhumation	580/90- 640/50		31-40 years	Maastricht Servaaskerk	?	Tabby	24x11	z/z	
03-06-02.TX1	27	inhumation	460/80- 610/20		juvenile 0-2 years	Maastricht Servaaskerk	?	Tabby	?x?	?/?	
05-11-03.TX1	68	inhumation	580/90- 610/20			Maastricht Servaaskerk	?	?			
11-08-03.2.TX1	86	inhumation	460/80- 670/80			Maastricht Servaaskerk	?	indet			

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
01-04-03.TX1	1 layer of TX, covered with straw. TX on back of body, lying in straw. Fabric is a bit stretched	fine, regular	regular	2x1	medium	medium	0.4-0.5	0.4-0.5	1
03-TT-00.2.TX1	Badly preserved textile, removed during restauration. Fabric was stretched and a bit open. Description incomplete and based on documentation P.A.Rossel	open		1x1,5					1
16-03-00.1.TX1	Textile removed during restauration. Description incomplete and based on documentation P.A.Rossel				low	low			
17-02-07.1.TX1	According to P.A. Rossel this fabric was also present on fire steel 17-02-07.1, but this has been removed during restauration.	very dense		5x1,5; 1x0,5; 1,5x1	medium	high	0.2	0.5	
30-01-05.1.TX1	2 layers. Textile was folded on top of fire steel. Could be same fabric as 30-05-01.3.TX1	dense	regular	1,5x1	low	low	0.5-0.7	0.5-0.7	1
30-01-05.3.TX1	layer of textile wrapped directly around needle-case. Covered by 30-01-05.3.TX2. Same weave, but thicker threads than 30-01-05.3.TX2.	dense	regular		low	low	0.4-0.6	0.3-0.6	1
30-01-05.3.TX2	Fabric lies on top of 30-01-05.3.TX1. Has thinner threads and is more open than underlying fabric.	open	irregular		low-medium	low-medium	0.2-0.4	0.2-0.4	1
01-02-01.1.TX1	On top of 2 fe mounts large fragments of textile, folded on top of objects. Regular and dense fabric. Curly fibres so probably wool.	regular	regular	1x4 (x2)	low-medium	low	0.2-0.3	0.2-0.3	2
03-06-01.1.TX1	2 layers of tx; dense fabric.	dense	regular	1,5x1	low	low	0.3-0.5	0.5	1
03-06-02.TX1	object not present any more. Description incomplete and based on documentation P.A.Rossel.								1
05-11-03.TX1	2 layers of coars, open fabric lying on upper right leg of skeleton . Axe was positioned on top of this fabric. Axe is cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.	open, coarse							1
11-08-03.2.TX1	small fragment of badly preserved textile on one side of indeterminate fragment fe.								

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
11-08-09.1.TX1	88	inhumation	580/90-610/20			Maastricht Servaaskerk		Tabby		z/z	
11-EE-04.1.TX1	89	inhumation	580/90-640/50			Maastricht Servaaskerk		indet			
11-GG-10.1.TX1	93	inhumation	610/20-640/50			Maastricht Servaaskerk		Tabby		z/z	
12-03-01.1.TX1	112	inhumation	640/50-670/80			Maastricht Servaaskerk	wool?	2/2 twill	14x15	z/s	broken diamond twill ?
16-DD-01.TX1	137	inhumation	610/20-725			Maastricht Servaaskerk	wool?	Tabby	22-24x12	z/z	
16-DD-03.TX1	137	inhumation	610/20-725			Maastricht Servaaskerk		tabby	30x16	z&s/ z&s	spinpattern in warp and weft: warp: ...2z-2s-4z...; weft: ...2s-3z-3s...
16-AA-04.2.TX1	140	inhumation	640/50-670/80			Maastricht Servaaskerk		Tabby	14x12	z/z	
23-03-01.1.TX1	158	inhumation	610/20-670/80			Maastricht Servaaskerk		Tabby	24x10	z/z	
21-02-01.TX1	164	inhumation	510/25-610/20			Maastricht Servaaskerk	gold thread				
21-02-03.1.TX1	164	inhumation	510/25-610/20			Maastricht Servaaskerk		Tabby	6xca. 45	?/z	Ripp
21-02-03.1.TX2	164	inhumation	510/25-610/20			Maastricht Servaaskerk		Tabby	8x?	?/z	
21-02-07.TX1	164	inhumation	510/25-610/20			Maastricht Servaaskerk		Tabby	20-22x16-18	z/z	
21-02-06.1.TX1	165	inhumation	640/50-670/80			Maastricht Servaaskerk		Tabby	ca. 12x12	z/z	

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Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
11-08-09.1.TX1		dense, regular	regular						
11-EE-04.1.TX1	small fragment of badly preserved textile.								
11-GG-10.1.TX1	Small fragment of badly preserved textile. Description incomplete and based on documentation P.A.Rossel.								
12-03-01.1.TX1	Textile removed during restauration. Description incomplete and based on documentation P.A.Rossel						0.5-0.6	0.5	
16-DD-01.TX1	2 layers of same fabric wrapped around object. Object is largely cleaned during restoration.	fine, a bit open	regular	3x1,5	medium-high	medium	0.2-0.4	0.3--0.6	1
16-DD-03.TX1	crucific/pendant with small fragment of tx on one side. Object not present. Description incomplete and based on documentation P.A.Rossel.	regular	regular						1
16-AA-04.2.TX1		dense	regular	3x3	0.5	0.3-0.5			1
23-03-01.1.TX1	fabric is in most places removed during restoration. According to P.A.Rossel fabric was held in place by threads twisted in z or s-direction. These threads have been removed during restoration.		regular		low	low	0.3-0.5	0.5-0.7	
21-02-01.TX1	3 blocks of loam with goldthread in situ. Thread was made out of 0.2mm wide strips of gold leaf wrapped around a core. Core is not present any more. Thread was sewn into 0.5cm wide bands.								
21-02-03.1.TX1				1x0,5	?	medium	1	0.1-0.2	1
21-02-03.1.TX2	Much coarser fabric than 21-02-03.TX1; badly preserved								
21-02-07.TX1	fabric is partly covered by a layer of loose fibres which may indicate the object was indirectly lying on a fur.	fine, dense	regular	3x1,2	low	low	0.2-0.3	0.5	2
21-02-06.1.TX1	3 layers of same fabric on back of strap end.	dense, regular	regular, smooth threads	1,5x1; 0,5x1; 3x0,5	low	low	0.5-0.6	0.5-0.6	3

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
28-02-09.TX1	191	possible grave	640/50-670/80			Maastricht Servaaskerk		Tabby	10x16	s/s	
30-03-10.TX1	252	possible grave	510/25-640/50			Maastricht Servaaskerk		indet			
29-03-07.TX1	255	possible grave	460/80-725			Maastricht Servaaskerk	Wool?	2/2 twill	10x10	z/s	Plain twill?
29-03-07.TX2	255	possible grave	460/80-725			Maastricht Servaaskerk		Tabby	16x10	z/z	
29-03-07.TX3	255	possible grave	460/80-725			Maastricht Servaaskerk		2/2 twill			
28-03-00.1.TX1	256	possible grave	610/20-640/50			Maastricht Servaaskerk	Wool?	2/2 twill	ca. 16x12	z/z	There is a change in direction: may be chevron or diamond twill
25-03-00.2.TX1	257	possible grave	640/50-670/80			Maastricht Servaaskerk	Wool?	Tabby	ca. 14x14	z/z	
23-04-00.TX1	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		Tabby		z/z	
23-04-00.TX2	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		n.v.t.		2zS	
23-04-00.TX3	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk	Wool?	Tabby	12x10	z/z	
23-04-00.TX4	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		Tabby	14-16x12-14	z/z	
23-04-00.TX4	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		Tabby	14-16x12-14	z/z	
23-04-00.TX4	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		Tabby	14-16x12-14	z/z	
23-04-00.TX5	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk	wool?	Tabby		z/z	

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Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
28-02-09.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.	dense	regular	1x1,3			0.6	0.6	
30-03-10.TX1	Badly preserved fragment TX								
29-03-07.TX1	Tx is present on back of pair (2) of buckles (for legwinding). Buckle lies on leather which covered this textile.			1,5x0,5; 1x1,5	medium	low	0.75	0.75	2
29-03-07.TX2	On front of both leg winding buckles 2 layers of same fabric	dense	regular	1,5x1; 0,7x0,5	medium	medium	0.5-0.7	0.5-0.7	2
29-03-07.TX3	On front of second leg winding buckle. This fabric has been removed during restoration. Description incomplete and based on documentation P.A.Rossel.								
28-03-00.1.TX1	small fragment on edge of buckle plate.	regular	regular	1x0,5	medium	medium	.70.5-07	0.5-0.7	1
25-03-00.2.TX1	Object was originally covered on both sides with this fabric but most has been removed during restoration. Strap end probably lay in de the folds of a garment.	regular, dense	slightly irregular	0,5x0,5	low-medium	low-medium	0.4-0.8	0.5-0.7	1
23-04-00.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.			0,3x0,5					
23-04-00.TX2	3 2zS twined threads have been used to attach buckle plate to leather belt.								
23-04-00.TX3	Object was originally covered on both sides with several layers of same fabric. Now only small part has been spared from restoration. Straw remains on fabric present.	dense	regular		medium	medium	0.7	0.5-0.7	2
23-04-00.TX4	TX on one side of buckle loop. A bit irregular with thin and thick threads.		a bit irregular	4x1	medium	low-medium	0.2-0.4	0.2-0.5	1
23-04-00.TX4	TX on one side of buckle loop. A bit irregular with thin and thick threads.		a bit irregular	4x1	medium	low-medium	0.2-0.4	0.2-0.5	1
23-04-00.TX4	TX on one side of buckle loop. A bit irregular with thin and thick threads.		a bit irregular	4x1	medium	low-medium	0.2-0.4	0.2-0.5	1
23-04-00.TX5	2nd buckle loop in grave with TX on one side. Is different fabric than 23-04-00.TX4. Dense fabric, thicker threads.	dense	irregular	2x1	medium-high	medium	0.2-0.5	0.7	1

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
23-04-00.TX6	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk			20x16	z/z	
23-04-00.TX7	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		2/2 twill		z/s	
23-04-00.TX8	259	cultivated soil	610/20-640/50			Maastricht Servaaskerk		indet			
30-03-06.2.TX1	269	possible grave	580/90-725			Maastricht Servaaskerk	Wool?	Tabby	17x10	z/z	
28-02-10.3.TX1	272	possible grave	?			Maastricht Servaaskerk		2/2 twill	ca. 10x10	z/s	
28-02-10.3.TX2	272	possible grave	?			Maastricht Servaaskerk		Tabby	c. 14x14	??	
19-01-11.1.TX1	277	possible grave	580/90-640/50			Maastricht Servaaskerk		indet			
19-01-09.1.TX1	278	possible grave	510/25-565			Maastricht Servaaskerk		2/2 twill		z/s	
18-AA-02.3.TX1	279	possible grave	610/20-725			Maastricht Servaaskerk		Tabby	14-16x12	z/z	
18-AA-02.7.TX1	279	possible grave	610/20-725			Maastricht Servaaskerk		Tabby		s/s	

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Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
23-04-00.TX6	Stratigraphy: skin - 23-04-00. TX6 - strap end - 23-04-00. TX7 - leather. Stitching: running stitch 5mm length on wrong side of fabric. Stitch would have been invisible from front because stitchlength on front only covers 2 threads of fabric.	a bit open	regular		medium	low-medium	0.2	0.2	1
23-04-00.TX7	Stratigraphy: skin - 23-04-00. TX6 - strap end - 23-04-00. TX7 - leather. Fabric has been removed during restoration. Description incomplete and based on documentation P.A.Rossel.								1
23-04-00.TX8	Sveral s-twisted theads on back of buckle. Rather thick fabric with 1.2mm thick threads.						1.2		
30-03-06.2.TX1	Object was originally covered on both sides with this fabric but most has been removed during restoration. Knife probably lay in de the folds of a garment.	open		1x1,5	medium-high	medium-high	0.3-0.5	0.3-0.5	1
28-02-10.3.TX1	Layer of TX directly against leather sheath. This fabirc is covered by 28-02-10.3.TX2 and was only partly visible. Thick and coarse fabric, ca. 1mm thick.	coarse, thick					0.75	0.75	1
28-02-10.3.TX2	Fabric covers 28-02-10.3.TX1. Only visible on side of textile, therefore no full identification possible. Thinner textile than underlying fabric.						0.4-0.5	0.4-0.5	
19-01-11.1.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
19-01-09.1.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
18-AA-02.3.TX1		irregular	smooth, but irregular	0.7x0.5; 0.4x0.5	low-medium	low	0.3-0.8	0.3-0.5	2
18-AA-02.7.TX1	Objects have been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
18-AA-02.TX2	279	possible grave	610/20-725			Maastricht Servaaskerk		Tabby		z/z	
16-03-15.8.TX1	281	possible grave	?			Maastricht Servaaskerk		Tabby	14x22	z/z	
12-04-04.1.TX1	283	possible grave	?			Maastricht Servaaskerk		Tabby	ca. 20x20	z/z	
11-FF-05.1.TX1	288	possible grave	610/20-640/50			Maastricht Servaaskerk		Tabby		z/z	
11-FF-05.1.TX2	288	possible grave	610/20-640/50			Maastricht Servaaskerk		Tabby		z/s	
20-02-01.TX1	359	possible grave	510/20-580/90			Maastricht Servaaskerk		Tabby	18-20x14	z/z	
23-03-03.2.TX1	363	possible grave	565-610/20			Maastricht Servaaskerk	Wool?	Tabby	15x14	z/z	
27-03-02.TX1	380	inhumation	460/80-580/90			Maastricht Servaaskerk		Tabby			
41-03-03.TX1	415	inhumation	400-460/80			Maastricht Servaaskerk		Tabby	12x12	z/z	
41-03-06.TX1	415	inhumation	400-460/80			Maastricht Servaaskerk	Wool?	Tabby	16-18x16	z/z	
01-01-13.1.TX1	419	?	?			Maastricht Servaaskerk		Tabby	24x20-22	z/z	
41-BB-02.TX1	444	possible grave	610/20-640/50			Maastricht Servaaskerk	indet	indet			
49.2.TX1	10012	inhumation	D-E (510/20-580/90)	M		Maastricht-Pandhof	Wool	2/2 plain twill	20x15	z/s	
49.4.TX1	10012	inhumation	D-E (510/20-580/90)	M		Maastricht-Pandhof	indet	indet		z/?	
110.1.TX1	10032	inhumation	D-G (510/25-640/50)	F		Maastricht-Pandhof	Wool	Tabby	15/16x15	z/s	

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Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
18-AA-02.TX2	Object was lying on top of fabric which was lying on bottom of grave (wood on textile present). Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
16-03-15.8.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
12-04-04.1.TX1	Knife in leather sheath, wrapped in textile or lying in folds of garment.	regular	smooth		low-medium	low	0.3-0.4	0.5	2
11-FF-05.1.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel. Location textile on object is not clear.	coarse							
11-FF-05.1.TX2	Finer textile than 11-FF-05.TX1.								
20-02-01.TX1	buckle loop wrapped in textile. Fabric seems to have been fastened by or worn under buckle.	dense, regular	regular, smooth		medium	low-medium	0.3-0.8	0.4-0.8	1
23-03-03.2.TX1		a bit open	regular	1,5x1	medium-high	low-medium	0.2-0.4	0.3-0.7	1
27-03-02.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
41-03-03.TX1	2 layers of same fabric on edge of buckle loop. Irregularly spun making the fabric uneven.	irregular	irregular	0,5x0,5	low	low	0.3-0.7	0.3-0.7	2
41-03-06.TX1	Fabric is fastened by pin and folded over front of buckle. Regular and dense fabric.	dense, regular	regular		low	low	0.3	0.3	2
01-01-13.1.TX1				max. 3x0,8	low	low-medium	0.2	0.2-0.4	4
41-BB-02.TX1	Object has been cleaned during restoration. Description incomplete and based on documentation P.A.Rossel.								
49.2.TX1	Very fine and regular plain twill. Dense fabric.	dense, fine	regular	1,5x1,5	medium	medium	0.3	0.5	1
49.4.TX1	fabric is twisted around pin.			0.8x0.4	low-medium		0.5-0.7		1
110.1.TX1	badly preserved, mostly only negative cast present. Fine dense weave	fine, dense	regular	4x3,5	medium	medium	0.3-0.4	0.2-0.3	1

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
60.1.TX1	10042	inhumation	E-G (565-640/50)	?		Maastricht-Pandhof	indet	Tabby	16x12	z/z	
60.1.TX2	10042	inhumation	E-G (565-640/50)	?		Maastricht-Pandhof	indet	tabby	10x10	z/z	
48.1.TX1	10061	inhumation	E-I (565-725)	F		Maastricht-Pandhof	Wool	indet			
22.1.TX1	10094	inhumation	B-D (400-565)	?		Maastricht-Pandhof	plant?	Tabby	16x8	z/z	
45.TX1	10097	inhumation	E (565-580/90)	?		Maastricht-Pandhof	Wool	2/2 plain twill	8x7	z/z	
40.1.TX1	10128	inhumation	D-H (510/25 - 670/80)	?		Maastricht-Pandhof	indet	Tabby	30-32x10	z/s	
520.8.TX1	10168	inhumation	E (565-580/90)	?		Maastricht-Pandhof	Wool	2/2 twill	9-10x9-10	z/s	
324.6.TX1	10248	inhumation	E-H (565-670/80)	?		Maastricht-Pandhof	indet	2/2 twill	ca. 15xca. 12	z/z	
330.1.TX1	10256	inhumation	?	?		Maastricht-Pandhof	Wool	2/2 twill	ca. 10x8	z/z	
572.1.TX1	10307	inhumation	D-F (510/25-610/20)	?		Maastricht-Pandhof	Plant?	indet		z/?	
556.1.TX1	10332	inhumation	E (565-580/90)	?		Maastricht-Pandhof	indet	2/2 twill	20x10	z/s	
556.1.TX2	10332	inhumation	E (565-580/90)	?		Maastricht-Pandhof	indet	diamond twill	28x15	z/s	pattern repeat could not be distinguished
561.1.TX1	10336	inhumation	E-F (565-610/20)	M		Maastricht-Pandhof	Wool	2/2 twill?	14x10	z/s	
575.1.TX1	10360	inhumation	E-H (565-670/80)	?		Maastricht-Pandhof	Wool	2/? Twill	16x10	z/z	
555.TX1	10370	inhumation	F-H (580/90-670/80)	?		Maastricht-Pandhof	?	indet			
142.6.TX1	10796	inhumation	C-G (460/80-640/50)	?		Maastricht-Pandhof	indet	indet			
139.1.TX1	10885	inhumation	E-F (565-610/20)	F		Maastricht-Pandhof	Wool	2/? Twill	10x9	z/s	

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Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
60.1.TX1	open tabby, thin threads.	open	regular	0.5x0.5	low	low	0.2	0.2	1
60.1.TX2	Fabric is present on back and front of buckle. Probably worn under belt and partly folded over.		regular	1x0.5; 0.5x0.5	low	low	0.3-0.5	0.3-0.5	2
48.1.TX1	Badly worn down textile on front of buckle. Fabric was fastened by pin of buckle.			1,5x1					
22.1.TX1	front + side + back of buckle partly covered by this textile. Probably garment worn under belt + partly folded over buckle.	dense	smooth, regular	1x1	low	low	0.6-0.7	0.7-0.8	1
45.TX1		coarse	regular	1,5x4	medium	medium	1	1	1
40.1.TX1	very fine and regular tabby on one side of comb	regular, fine	regular	2x1; 1,5x0,5	low-medium	low	0.1-0.2	0.3-0.5	2
520.8.TX1	One side of knife is partly covered with remains of fabric. Badly preserved, often only negative cast still present.		regular	2x4	low	low	0.75-1	0.75-1	1
324.6.TX1		regular	regular	1x0,5	medium	medium	0.3-0.4	0.3	1
330.1.TX1		coarse	irregular	2x2; 1x1,5	medium-high	low	1	1	2
572.1.TX1	fragment of TX around pin of buckle.				low				1
556.1.TX1	fragment lies directly on buckle and is partly covered by 556.1.TX2	regular, dense	regular	2x2	medium	medium	0.4-0.5	1	1
556.1.TX2	Small fragment on front of buckle. Fabric is worn over 556.1.TX1	regular, dense	regular	0.8x0.8	medium	medium	0.2-0.3	0.2-0.3	1
561.1.TX1	Fabric is partly decayed fabric identification difficult. Very regularly spun fabric.	regular, dense	regular	3x4	medium	medium	0.5	0.5	1
575.1.TX1	well preserved, but covered during conservation therefore fibre identification/photo is difficult	a bit open	regular	1x2	medium	medium	0.3-0.4	0.3-0.4	1
555.TX1				0,5x0,8					
142.6.TX1	1 very worn down thread						1		
139.1.TX1	badly preserved, worn down	regular	regular	2x4	medium	low	0.7	0.7	1

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
341.2.TX1	11217	inhumation	D-G (510/25-640/50)	?		Maastricht-Pandhof	indet	Tabby	20x16	z/z	
375.TX1	11220	inhumation	D-E (510/20-580/90)	F		Maastricht-Pandhof	plant?	tabby	16x14	z/z	
418.TX1	11321	inhumation	D-E (510/20-580/90)	?		Maastricht-Pandhof	indet	Tabby	ca. 15 x 12-14	z/z	
407.1.TX1	11341	inhumation	E-H (565-670/80)	?		Maastricht-Pandhof	Wool	Tabby	24x16	z/z	
466.7.TX1	11342	inhumation	D-F (510/25-610/20)	M		Maastricht-Pandhof	Wool	indet	ca.16x?	z/?	
1687-3.TX1	0	stray find	?			Maastricht-Vrijthof	Wool?	2/2 diamond twill	10x10	z/s	diamond twill, pattern repeat not visible
1419-1.TX1	85	inhumation	D-G (510/25-640/50)	F		Maastricht-Vrijthof	indet	tabby	25x13	z/z	
1483-1.TX1	95	inhumation	F-H (580/90-670/80)	F		Maastricht-Vrijthof	wool?	twill ?/?	?x?	z/s	
1483-1.TX2	95	inhumation	F-H (580/90-670/80)	F		Maastricht-Vrijthof	wool?	tabby	17-18x17-18	z/z	
1434-20.TX1	100	inhumation	E-H (565-670/80)	?		Maastricht-Vrijthof	Linnen?	Tabby	13-14x12-13	z/z	
1435.TX1	100	inhumation	E-H (565-670/80)	?		Maastricht-Vrijthof	wool?	tabby	12x10-11	z/s	
1473-1.TX1	105	inhumation	G-H (610/20-670/80)	?		Maastricht-Vrijthof		Tabby	18-20x18-20	s/s	
1473-1.TX2	105	inhumation	G-H (610/20-670/80)	?		Maastricht-Vrijthof		2/? Twill	?x?	z/s	
1628-4.TX1	110	inhumation	E-G (565-640/50)	F		Maastricht-Vrijthof		Tabby	15x12-13	z/z	
1614-1.TX1	115	inhumation	D-E (510/20-580/90)	F		Maastricht-Vrijthof			ca. 10x10	z/z?	
1614.TX2	115	inhumation	D-E (510/20-580/90)	F		Maastricht-Vrijthof		Tabby	8x10	z/z & s	spinpatern in one system: 2s - 6z - 2s.

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
341.2.TX1		fine, dense	regular	0,5x1	medium	medium	0.2-0.3	0.2-0.3	1
375.TX1		regular, dense	irregular	0,3x0,3 - 1x1	medium	medium	0.1-0.4	0.3	4
418.TX1	several layers of same fabric fastened by pin. A bit open weave	a bit open	regular	0,5x0,5-1	medium	medium	0.2	0.2	1
407.1.TX1	Very fine and dense fabric on back of belt plate. Well preserved.	fine, dense	regular		medium	medium	0.2	0.2-0.5	4
466.7.TX1					low		0.2		1
1687-3.TX1	fabric was very worn down. Stretched and a bit open.		regular		medium	low	0.5	0.75	1
1419-1.TX1	Weave was fastened by pin of fibula. Very fine and regular, dense fabric.	fine, regular, dense	regular	0.4x0.8	medium	low-medium	0.2-0.3	0.3	1
1483-1.TX1	Poor preservation, only small part is positive cast, rest is negative cast.	dense	regular	1x1	medium	low	0.5	0.5	1
1483-1.TX2	2 layers of one fabric, folded double	dense	regular	2x1.5 & 1x0.5	low-medium	low-medium	0.5	0.5	1
1434-20.TX1	Large fragment of textile, fine weave, irregularly spun	fine	irregular	3x2.5	medium	medium	0.2-0.75	0.3-0.75	1
1435.TX1	large fragment of textile but very much worn down during restauration.	dense	regular	3x2.5	medium	low	0.75	0.75	1
1473-1.TX1	very thin and dense weave on side/front of buckle	fine	regular		low	low	0.2-0.3	0.2-0.3	1
1473-1.TX2	TX on back side of plate buckle. Only negative cast remained.				medium	low	0.2	0.3-0.4	1
1628-4.TX1	Bronze ring with small fragment of tx on one side	dense	regular	0.5x0.5	medium	medium	0.5	0.5	1
1614-1.TX1	Badly preserved textile, negative cast. Twist and weave could not be ascertained.	open		1x1			0.2-0.4	0.2-0.4	2
1614.TX2	2 fragments of one object (fresh break). Textile was wrapped or folded around both sides of object.	open	irregular	2x4.5 & 0.5x4	medium	low-medium	0.5-0.75	0.3-0.75	1

Appendix IV - Nijmegen

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
6.TX1	1	inhumation		?		Lent	indet	2/2 twill	18-20x 18-20	z/z	
15.TX1	2	inhumation		?		Lent	indet	indet		z/?	
107.TX1	3	inhumation		?		Lent	Wool	2/2 diamond twill	14x7	z/s	diamond twill
14.TX1	3	inhumation		?		Lent	Wool	2/? Twill		z/s	
4.TX1	3	inhumation		?		Lent	indet	indet			
98.TX1	6	inhumation		M		Lent	indet	tabby	ca. 10x10	z/s	
111.TX1	7	inhumation		M		Lent	indet	indet			
151.TX1	7	inhumation		M		Lent	Wool	2/2? Twill	ca 20x ca 15	z/s	
151.TX2	7	inhumation		M		Lent	indet	2/2 twill	9x9	z/z	plain twill?
151.TX3	7	inhumation		M		Lent	Wool?	Tabby	12-13x10	z/z	
151.TX4	7	inhumation		M		Lent	indet	indet			

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
6.TX1				0.4x0.5	medium	medium-high	0.3-0.4	0.3-0.4	1
15.TX1	several fibres in spring/spiral of brooch. Not further documented				medium		0.2		
107.TX1		dense	regular	1,5x1	medium	medium	0.6-0.7	1	1
14.TX1	Badly preserved fabric. Threadcount could not be discerned. TX covers leather sheath of knife. Possibly same textile as 107.TX1		regular		low-medium	low	0,75	1	3
4.TX1	badly preserved textile on one side of fe object. No fibre or fabric identification possible due to bad condition of textile.								
98.TX1	badly preserved textile, warp only negative cast, weft positive cast present. Fabric and fibre identification not possible. Fabric is present on both sides of object. Object was wrapped in textile or lying in folds of garment			3x2	low	low	0,75	0,75-1	1
111.TX1	very small badly preserved fragment of textile. No fibre or fabric identification possible.								
151.TX1		fine	regular	2x2; 2x2	low	low	0.3	0.3-0.5	2
151.TX2	fe plate completely covered with textile		regular	3x2	low	low	0.75	0.75	1
151.TX3	fe plate completely covered with textile.		regular	3x2,5	low	low	0.5	0.5	1
151.TX4	3 indeterminate fragments fe with badly corroded textile. Fibre and fabric identification not possible.								

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
305.TX1	8	inhumation		M		Lent	indet	indet			
255.TX1	9	inhumation		F		Lent	Wool	2/1 twill	10x10	z/s	
273.TX1	9	inhumation		F		Lent	indet	2/2 twill	16-18x16-18	z&s/z&s	spinpattern
421.TX1	10	inhumation		M		Lent	indet	indet			
421.TX1	10	inhumation		M		Lent	indet	indet			
573.TX1	13	inhumation		?	juvenile 5-6 years	Lent	indet	indet			
575.TX1	13	inhumation		?	juvenile 5-6 years	Lent	Wool	Tabby	16x12	z/s	
575.TX2	13	inhumation		?	juvenile 5-6 years	Lent	indet	indet			
575.TX3	13	inhumation		?	juvenile 5-6 years	Lent	indet	indet			
575.TX4	13	inhumation		?	juvenile 5-6 years	Lent	indet	indet			
529.TX1	14	inhumation		?	juvenile 4 years	Lent	Wool	2/2 twill	16x13	z/s	diamond or chevron
529.TX2	14	inhumation		?	juvenile 4 years	Lent	indet			s	
530.TX1	14	inhumation		?	juvenile 4 years	Lent	indet	Tabby	10x10	z/s	
544.TX1	14	inhumation		?	juvenile 4 years	Lent	indet	indet			
664.TX1	16	inhumation		F		Lent	indet	indet		z	
665.TX1	16	inhumation		F		Lent	indet	indet		s	
834.TX1	20	inhumation		F		Lent	indet	indet		s	
844.TX1	20	inhumation		F		Lent	indet	indet		z	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
305.TX1	Badly corroded textile on front of buckle. Fibre and fabric identification not possible.								
255.TX1	a bit open fabric	bit open		1,5x1,5; 1x1	medium	medium	0.6-0.8	0.8-1	3
273.TX1		dense	regular	0,5x0,5	low	low	0.3-0.5	0.3-0.5	1
421.TX1	coarse fabric, badly preserved.								2
421.TX1	coarse fabric, badly preserved.								2
573.TX1				0.2x0.4					
575.TX1	a bit open fabric, very regular spun. Fabric present on one side of cu/a ring.	regular	regular	0.4x0.7	medium	medium	0.3-0.4	0.3-0.4	1
575.TX2	indet textile present on one side of cu/a ring								
575.TX3				0,5x1					
575.TX4	Fabric is probably same as 575.TX3								
529.TX1	well preserved fragment of tx on front of buckle (on pin)	regular	regular	1x1,2	medium	low	0.5	0.5	1
529.TX2	several threads on back of hook s-twisted 0.4mm thick				medium		0.4		1
530.TX1	Large pieces of textile covering buckle and fire steel. Rather coarse fabric. Badly preserved.	coarse	regular		low	low	1	1	
544.TX1	neg. Cast of several strands of untwisted fibres 1-1.5mm thick. Fibres present on leather covering fe pin.						1-1.5		
664.TX1	several threads and piece of leather in catch of brooch.				low-medium		0.2		1
665.TX1	several threads in spring of brooch				medium		0.2-0.3		1
834.TX1	several threads in spring of brooch				medium		0.75		1
844.TX1	several threads in spring of brooch				medium		0.2		1

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
723.TX1	22	inhumation		?	juvenile 4-5 years	Lent	indet	Tabby	7x7	z/s	
730.TX1	23	inhumation		F		Lent	Wool	twill?	ca. 15x15	z/s	
763.TX1	23	inhumation		F		Lent	Wool	2/2 twill	ca. 30x30	z/z	
763.TX2	23	inhumation		F		Lent	indet	2/2 twill	ca. 10x10	z/s	
869.TX1	26	inhumation		?	juvenile 5-6 years	Lent	wool	indet		z&s/z	
879.TX1	26	inhumation		?	juvenile 5-6 years	Lent	indet				
1002.TX1	27	inhumation		?	juvenile 4-5 years	Lent	Indet	indet		z/?	
1164.TX1	33	inhumation		M		Lent	indet	2/2 twill	10x10	s/s	
1133.TX1	34	inhumation		F		Lent	indet			z	
1325.TX1	34	inhumation		F		Lent	silk?	2/2 twill	16x?	z/s	
1191.TX1	35	inhumation		F		Lent	indet				
1196.TX1	35	inhumation		F		Lent	Wool	2/? Twill	15x12	z/s	
1196.TX2	35	inhumation		F		Lent	indet	2/2 twill	17-18x15	z/z	
1483.TX1	42	inhumation		F		Lent	indet				
1798.TX1	49	inhumation		M		Lent	indet	indet			
08.032.TX1	4	inhumation	555-640	F		Wijchen-Centrum	wool?	indet	?	z/s	
01.155.TX1	9	inhumation	610-640	F		Wijchen-Centrum	?	tabby	16x10	z/z	
08.066.TX1	14	inhumation	610-640	M		Wijchen-Centrum	Wool?	Twill 2/?	?x?	z/z	
01.169.TX1	19	inhumation	570->640	M	adult	Wijchen-Centrum		Tabby	6x6	z/s	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
723.TX1	coarse fabric on one side of knife. Thick threads.	coarse	regular	2,5x1,5	low-medium	low	1.2-1.5	1.2	1
730.TX1	badly preserved (mainly negative cast present) textile. Fabric seems to be wrapped around object.		regular		medium	medium	0.3-0.4	0.3-0.4	5
763.TX1		fine	regular	0.4x0.3	low	low	0.2	0.2	1
763.TX2			regular		medium	low	1	1	2
869.TX1	Badly preserved textile.			0,5x1; 1,5x1	low-medium	low-medium	1	1	2
879.TX1									
1002.TX1	Piece of very badly preserved textile on both sides of knife. Only negative cast of several z-twisted threads discernible.								
1164.TX1	badly preserved textile	dense	regular	1,5x3	low	low	1	1	1
1133.TX1	3 z-twisted threads on spring of brooch						0.5		
1325.TX1		very fine	regular		medium	low (hardly twisted)	0.3	0.5-0.75	1
1191.TX1	a few fibres on spring of brooch. No fibre or fabric identification possible.								
1196.TX1	badly preserved textile		regular	0.7x0.7	medium	low	0.3	0.5	1
1196.TX2	badly preserved		regular	2x1, 2.5x1.5	medium	medium	0.4-0.5	0.4-0.5	2
1483.TX1	a few fibres on spring of brooch. No fibre or fabric identification possible.								
1798.TX1	small fragment of indeterminate textile on both sides of pin. Badly preserved.								
08.032.TX1	4 fragments of indet. fe.			1x1 - 3x3			0.75	0.75	4
01.155.TX1	fine but bit open fabric	fine, bit open		4x2,5	medium	medium	0.2	0.3-0.5	1
08.066.TX1				3x3	low	low	1	1	1
01.169.TX1	very thick fabric (2mm)	regular, open	regular		medium	medium	1	1	1

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
01.031.TX1	22	inhumation	610-640	?		Wijchen-Centrum		2/2 twill	8x6	z/s	
01.133.TX1	22	inhumation	610-640	?		Wijchen-Centrum	Wool	Tabby	16x10	z/z	
01.135.TX1	25	inhumation	570-610	?	adult?	Wijchen-Centrum	Wool	2/2 twill		z/s	
01.162.TX1	27	inhumation	450-530	M		Wijchen-Centrum	??	tabby	14x10	z/z	
03.120.TX1	35	inhumation	570-610	?		Wijchen-Centrum	Wool	Tabby	20x12	z/s	
03.095.TX1	38	inhumation	570-610	M		Wijchen-Centrum	wool	2/2 twill	8x6-7	z/s	
03.095.TX2	38	inhumation	570-610	M		Wijchen-Centrum	wool?	2/2 twill	10x10	z/s	
03.059.TX1	42	inhumation	(450) 500-570	M		Wijchen-Centrum	??	2/2 twill	4x4	z/z	
05.024.TX1	44	inhumation	530->640	F		Wijchen-Centrum	?	tabby	10x10	z/z	
03.118.TX1	48	inhumation	>570	?	juvenile?	Wijchen-Centrum	?	2/2 twill	8x8	z/s	
04.083.TX1	53	inhumation	610->640	M		Wijchen-Centrum	Wool	diamond twill	10x8	z/s	diamond twill, pattern repeat not identified

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	Twist X	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
01.031.TX1	piece of TX in side of potterysherd. Probably no relation with graveinventory since imprint was made durin baking proces of pottery	regular but coarse	regular	1,5x1,5 cm	medium	medium	1	1	1
01.133.TX1	2 layers of (probably) same fabric on back of leather belt decorated with cu/a plate.	dense, regular	regular	5x5	medium	medium	0.3-0.5	0.5	1
01.135.TX1	3 or 4 layers folded textile on back of strap end. Very fine fabric made out of thin thread. Fabric is very badly preserved tehrefore thread count and fibre identification was not possible.		regular	1,5x3	medium	medium	0.2-0.3	0.2-0.3	1
01.162.TX1		dense	regular		medium	low	0,2-0,3	0,75	2
03.120.TX1	2 layers of same fabric on edge + flat side of knife. No fibre identification possible due to bad preservation of fibres.	regular	regular	5x1	medium	medium	0.2	0.2	1
03.095.TX1	a bit coarse fabric on one side of ring (part of sword belt). On other side of ring is a finer fabric (03.095. TX2)	coarse but regular	regular	1x1,5	low-medium	low	1	1	1
03.095.TX2	Appearance of fabric resembles wool, but fibres are completely smooth...no fibre identification possible.	regular	regular		medium	medium	0.5-0.75	0.5-0.75	1
03.059.TX1		open	regular	1x1.5	medium	medium	1-1.5	1-1.5	1
05.024.TX1				1x1,5	medium	medium	0,75	0,75	1
03.118.TX1		coarse weave	irregular	5x2; 4x2	low-medium	low-medium	1	1	2
04.083.TX1		regular	regular	6x3	medium - high	medium	0.75-1	1	1

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
04.048.TX1	56	inhumation	555- >640	?		Wijchen-Centrum	Wool	Tabby	10x8		
04.026.TX1	57	inhumation	530- 610	M		Wijchen-Centrum	wool?	2/2 diamond twill	15x10	z/s	diamond twill, pattern repeat not identified due to corrosion
04.055.TX1	58	inhumation	610- >640	F		Wijchen-Centrum	wool	Tabby	8x7-8	z/z	
04.055.TX1	58	inhumation	610- >640	F		Wijchen-Centrum	wool	Tabby	8x7-8	z/z	
04.056.TX1	58	inhumation	610- >640	F		Wijchen-Centrum	Wool	Tabby	11x8	z/z	
04.065.TX1	65	inhumation	570- 610	F		Wijchen-Centrum	Wool?	Tabby	11x12	z/s	
04.076.TX1	65	inhumation	570- 610	F		Wijchen-Centrum		Tabby	ca. 16x14	z/z	
04.076.TX2	65	inhumation	570- 610	F		Wijchen-Centrum	Wool	Tabby	10x?	z/z	
05.071.TX1	68	inhumation	610- 640	M		Wijchen-Centrum	Wool	?	ca. 6x3	z/s	
05.072.TX1	68	inhumation	610- 640	M		Wijchen-Centrum	wool	2/2 twill	8-10x8-10	z/s	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
04.048.TX1	large piece of TX around purse ring. Twice directly above each other a double weft --> weavefault?	a bit open, weave fault?	regular	6x5	medium	medium	0.5-0.75	0.75	1
04.026.TX1	1 layer of regular woven and spun fabric covers the entire backside of buckle. No fibre sample could be taken because object is permanently on display.	regular	regular	4x3	medium	medium	0.5	0.5	1
04.055.TX1	Fabric is not fastened by buckle, but lies on and under buckle. Rather coarse and open fabric.	coarse, open	regular	2,5x2,5	medium	medium	0.5-0.75	0.5-0.75	1
04.055.TX1	Fabric is not fastened by buckle, but lies on and under buckle. Rather coarse and open fabric.	coarse, open	regular	2,5x2,5	medium	medium	0.5-0.75	0.5-0.75	1
04.056.TX1	Fabric seems to be folded around chain.	bit open	irregular		low-medium	low-medium	0.75-1	0.75-1	
04.065.TX1	badly preserved textile, covering the entire object on both sides. Remains of a leather thread visible on object (1mm thick). Fibres too corroded to make positive fibre identification.	open weave	regular	2x2	medium	medium	0.3-0.5	0.3-0.5	1
04.076.TX1	Very open and fragile fabric with very thin threads. Badly preserved. Weave & fibre determination difficult/not possible due to preservation with thick layer of paraloid.	open, fragile		1,5x1,5	low-medium	low-medium	0.2-0.3	0.2-0.3	1
04.076.TX2	Fabric lies on pin and is fastened by brooch. 3 layers of same fabric folded on back of brooch.		regular		low-medium	low-medium	0.5-0.75	0.5-0.75	1
05.071.TX1		coarse	irregular		medium	medium	1-1.5	1.5-2	1
05.072.TX1	Very fine/fragile fabric with thin threads. Fabric worn under belt.	open, fragile	irregular	2x2,5	low-medium	low-medium	0.2	0.2	1

CLOTHES MAKE THE MAN

Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
06.106.TX1	81	inhumation	570-610	F		Wijchen-Centrum	Wool	Tabby	14x10	z/z	
06.106.TX2	81	inhumation	570-610	F		Wijchen-Centrum	Wool	Tabby	16-17x12	z/z	
07.035.TX1	89	inhumation	570->640	?		Wijchen-Centrum				z/z	
07.019.TX1	90	inhumation	610->640	?		Wijchen-Centrum		Tabby	14x12	z/z	
07.019.TX2	90	inhumation	610->640	?		Wijchen-Centrum		Tabby	8-10x8-10	z/z	
08.087.TX1	96	inhumation	>570	?		Wijchen-Centrum	Wool	2/2 Twill	8x6	z/s	
08.034.TX1	99	inhumation	>570	M		Wijchen-Centrum	?	?	7x6	2zS/ 2zS	
09.027.TX1	115	inhumation	610-640	?		Wijchen-Centrum	?	2/? Twill	4x5-6	z/s	
09.125.TX1	115	inhumation	610-640	?		Wijchen-Centrum	Wool	2/2 twill	10x6	z/s	
09.125.TX2	115	inhumation	610-640	?		Wijchen-Centrum	Wool	??		z/s	
09.130.TX1	115	inhumation	610-640	?		Wijchen-Centrum	lin-nen?	tabby	7x4-5	z/z	
09.138.TX1	123	inhumation	530-555	M		Wijchen-Centrum	Wool	2/2 twill	10-11	z/s	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
06.106.TX1	Open weave, stretched. Fabric covers the entire back of buckle, worn under belt and over 06.106.TX2. Small fr on front of buckle is same textile.		regular	4x3; 0.4x0.7	medium	medium	0.2	0.2	1
06.106.TX2	Dense fabric, worn under 06.106.TX1	faults in weave	regular	0.5x1	medium	medium	0.2	0.2	1
07.035.TX1	Fabric badly decayed. Indetification of weave and fibre not possible.						0.3-0.5	0.3-0.5	
07.019.TX1	open and fine fabric, folded around knife. Lies directly on knife and is covered by 07.019.TX2. Mostly 1 layer, on some places 2 layers of this fabric present.	open, fine	regular		medium	medium	0.2	0.2	
07.019.TX2	dense and coarser weave than 07.019.TX1. Fabric lies on 07.019.TX1.	dense	regular		medium	medium	1	1	
08.087.TX1	open, but regular fabric. Buckle /belt lies on top of fabric.	regular	regular	1x1	medium	medium	0.75	0.75	1
08.034.TX1	Fabric very worn down, weave and fibre determination impossible						1	1	1
09.027.TX1	Coarse twill on back of beltplate.	coarse	regular	1x0,5; 0,5x0,5	medium	medium	1,5	1-1,5	2
09.125.TX1	3 fragments on the back of the buckle, 1 small on front of buckle (9.125.tx2) may be same fabric although weave was not well visible. Threads are thicker. Fabric is probably worn under the belt and slightly folded around front.	coarse, a bit open	regular	zxz; 2x2	medium	low-medium	0.75	1	4
09.125.TX2				1x1	low	low	1-1,5	1-1,5	1
09.130.TX1		regular	regular/smooth	1,5x1,5	low-medium	low	1-1,25	1-1,5	1
09.138.TX1		bit open	regular	2x1,5	medium	medium	0,75	0,75	1

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
10.067.TX1	156	inhumation	610-640	F		Wijchen-Centrum	Wool	2/? Twill		s/s	
11.040.TX1	162	inhumation	570->640	?		Wijchen-Centrum	wool	tabby	12x10	z/z	
13.025.TX1	180	inhumation	610->640	?		Wijchen-Centrum		2/2 twill	14x13/14	z&s/z	
13.026.TX1	180	inhumation	610->640	?		Wijchen-Centrum	Wool	2/2 twill	18-20x12-14	z&s/z	
13.026.TX1	180	inhumation	610->640	?		Wijchen-Centrum	Wool	2/2 twill	18-20x12-14	z&s/z	
13.026.TX2	180	inhumation	610->640	?		Wijchen-Centrum					
13.014.TX1	183	inhumation	300-450	M		Wijchen-Centrum	wool	2/2 Twill	6-10x7-8	z/s	possibly diamond twill?
13.014.TX1	183	inhumation	300-450	M		Wijchen-Centrum	wool	2/2 Twill	6-10x7-8	z/s	possibly diamond twill?
13.014.TX1	183	inhumation	300-450	M		Wijchen-Centrum	wool	2/2 Twill	6-10x7-8	z/s	possibly diamond twill?
13.017.TX1	183	inhumation	300-450	M		Wijchen-Centrum	?	Tabby	13x11	z/z	
13.017.TX2	183	inhumation	300-450	M		Wijchen-Centrum	Wool	2/2 diamond twill	12-14x10-12	z/z	diamond twill
13.017.TX3	183	inhumation	300-450	M		Wijchen-Centrum	indet	?	?x?	z/?	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
10.067.TX1	Very small fragment. Thick threads, therefore it must be a rather coarse fabric with low thread count.				medium	medium	1,5	1,5	1
11.040.TX1		open, but regular	regular	3x2	medium	medium	0,3-0,5	0,3-0,5	1
13.025.TX1	thicker threads than 13.026.TX1				medium	medium	0.5	0.5	2
13.026.TX1	2 layers of TX on back of buckle. 13.026.TX1 lies directly under buckle, 13.026.TX2 lies beneath 13.026.TX1. Fine, smooth and regular fabric, bit open. Thin threads.	fine, regular, bit open	regular, smooth	1x1,5	medium	medium	0.2	0.2	4
13.026.TX1	2 layers of TX on back of buckle. 13.026.TX1 lies directly under buckle, 13.026.TX2 lies beneath 13.026.TX1. Fine, smooth and regular fabric, bit open. Thin threads.	fine, regular, bit open	regular, smooth	1x1,5	medium	medium	0.2	0.2	4
13.026.TX2	Fabric is coarser than 13.026.TX1. Thicker threads. Very damaged/decayed, identification of fibre and weave not possible.								
13.014.TX1	Stretched fabric, worn down/damaged			4x3; 2x3; 4x1.5; 3x2;	medium	medium	0.75-1	0.75-1	2
13.014.TX1	Stretched fabric, worn down/damaged			4x3; 2x3; 4x1.5; 3x2;	medium	medium	0.75-1	0.75-1	2
13.014.TX1	Stretched fabric, worn down/damaged			4x3; 2x3; 4x1.5; 3x2;	medium	medium	0.75-1	0.75-1	2
13.017.TX1		open structure, regular	regular	3x3	low-medium	low-medium	0.3	0.3	1
13.017.TX2			regular		medium-high	medium-high	0.5	0.5	1
13.017.TX3	worn down, identification not possible. Only several z-twisted threads remaining.			0.8x0.8	medium		1		

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
13.017.TX4	183	inhumation	300-450	M		Wijchen-Centrum	Wool	??	?x?	z/z	
13.017.TX5	183	inhumation	300-450	M		Wijchen-Centrum	Wool	2/2 diamond twill	14x10	z/s	diamond twill
13.017.TX6	183	inhumation	300-450	M		Wijchen-Centrum	Indet Plant?	tabby	8x8	z/z	
13.017.TX7	183	inhumation	300-450	M	no human remains	Wijchen-Centrum	indet, wool?	2/2 plain twill	13-15x12-15	z/s	Plain twill
13.034.TX1	185	inhumation	300-450	M	adult	Wijchen-Centrum	wool?	2/? Twill	10x10-12	z/s	
13.034.TX2	185	inhumation	300-450	M	adult	Wijchen-Centrum	Wool?	2/? Twill	10x10	z/s	
13.037.TX1	185	inhumation	300-450	M	adult	Wijchen-Centrum	Wool	2/2 twill	ca.10 x10	z/s	
16.002.TX1	194	inhumation	610-640	F		Wijchen-Centrum	indet	tabby	10x10	z/z	
16.002.TX2	194	inhumation	610-640	F		Wijchen-Centrum	indet	2/2 twill	18x18	z/z	
16.005.TX1	198	inhumation	530-555	M	adult	Wijchen-Centrum	wool	??	??	z/s	
16.012.TX1	199	inhumation	555->640	?	juvenile?	Wijchen-Centrum	Wool	Tabby	12x8	z/z	
16.012.TX2	199	inhumation	555->640	?	juvenile?	Wijchen-Centrum	Wool	?	ca. 6x6	z/z	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
13.017.TX4	Very worn down. Fibre wool, very fine fibres. Fabric seems to be folded towards back side of knife						0.5	0.5	
13.017.TX5	No positive fibre identification, but fabric has macroscopical characteristic of wool. Fabric is very stretched.				medium	medium	0.5-0.75	0.5-0.75	1
13.017.TX6	fibre identification difficult. Very frayed fabric	coarse			low	low	1	1	
13.017.TX7	fabric stretched, 2 layers of non-mineralized TX + several smaller fragments. Probably from back of buckle (one fragment is exactly same size as buckle). Very fine and regular fabric	fine, regular	regular	2x4; 0.5x0.5; 1x1; 4.5	medium	medium	0.3-0.5	0.3-0.5	5
13.034.TX1	a bit open weave. Textile on back of leather (on back of buckle). Textile is very worn down. No fibre identification possible.	open	regular	4x3	medium	low-medium	0.5-0.75	0.5	1
13.034.TX2	textile lies beneath 13.034.TX1. Denser and thicker weave. Thicker threads. Possibly same fabric as 13.037.	regular	regular	3x2	medium	low	0.75-1	0.75-1	1
13.037.TX1	worn down, possibly same fabric as 13.034.TX2		regular	0.8x1	medium	medium	0.75	0.75	1
16.002.TX1				1x1	medium	medium	0.3-0.5	0.3-0.5	1
16.002.TX2		fine			medium	medium	0.3	0.3	1
16.005.TX1	fabric very worn down, indet			0,5x0,5	low-medium	low-medium			1
16.012.TX1	Pieces of fe chain with TX on one side. This fabric lies directly on/under chain and is covered by 16.012.TX2.	open fabric	regular, smooth	1,5x1 - 5x5	medium	medium	0.5	0.5	
16.012.TX2	fabric lies on 16.012.TX2		regular	1,5x1,5	medium	medium	1	1	

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
17.008.TX1	213	inhumation	300- >450	?	juvenile?	Wijchen-Centrum	Wool	?		z	
19.010.TX1	226	inhumation	530- 555	F		Wijchen-Centrum	Wool	Tabby	13x10	z/z	
19.010.TX2	226	inhumation	530- 555	F		Wijchen-Centrum	Wool	Tabby	16x14	z/z	
19.010.TX3	226	inhumation	530- 555	F		Wijchen-Centrum	Wool	?		z/?	
19.011.TX1	226	inhumation	530- 555	F		Wijchen-Centrum	Wool?	Twill 2/?	5x5	z/s	2/?
20.001.TX1	233	inhumation	570- >640	M	no human remains	Wijchen-Centrum	Wool	2/2 twill	6-7x5	z/z	
20.031.TX1	235	inhumation	(450) 500- 555	F	17-25 years	Wijchen-Centrum	Wool	Tabby	10x8	z/z	
20.031.TX2	235	inhumation	(450) 500- 555	F	17-25 years	Wijchen-Centrum	Wool	Tabby	16-17x ca.10	z/z	
20.032.TX1	235	inhumation	(450) 500- 555	F	17-25 years	Wijchen-Centrum	Wool?	Tabby	13-14x12	z/z	
20.032.TX2	235	inhumation	(450) 500- 555	F	17-25 years	Wijchen-Centrum	Wool	Tabby	6x8	z/z	
20.033.TX1	235	inhumation	(450) 500- 555	F	17-25 years	Wijchen-Centrum	??	Tabby	?x?	z/z	
20.048.TX1	239	inhumation	570- >640	F		Wijchen-Centrum				z	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
17.008.TX1	several loose threads on the point of the knife.				medium		1		1
19.010.TX1	1 fragment, folded double on back of fibula. Relation to 19.010.TX2 is unclear.	coarse, a bit open	regular	2x2	medium	medium	0,75	0,75	1
19.010.TX2	Pin of fibula goes through fabric, fabric is fastened by fibula.	dense, regular	smooth, regular	2x1 cm	medium	medium	0,3-0,5	0,3-0,5	1
19.010.TX3	1 thread visible, rest of fabric is eroded.				medium		0,5		
19.011.TX1	TX badly decayed.			1x1	medium	medium	1,5	2	1
20.001.TX1	open fabric, good conservation. Date of grave in publication is phase 2-4 (450-640). This is too early. Grave is phase 4 or younger (570-ca. 700).	open	regular	1-2x4	medium	medium	0.75	0.5-0.75	1
20.031.TX1		dense	regular	1x2	medium	medium	0.75	0.75	1
20.031.TX2	20.031.TX2 lies on 20.031.TX1	open	regular, fine	0.4x0.4	medium	medium	0.2	0.2	1
20.032.TX1	Fabric is fastened by pin of brooch.	dense	regular		medium	medium	0.3-0.5	0.3-0.5	1
20.032.TX2	Under 20.032.TX1. Fabric is not fastened by pin	coarse	irregular		low-medium	low-medium	1-1.25	0.75	1
20.033.TX1	Very few threads/ cm. Fabric stretched apart. Same thread thickness as 20.031.TX2 & 20.032.TX1. Difficult to tell whether it is the same fabric.			0.3x0.6			0.3	0.3	1
20.048.TX1	on one side of fe ring a few threads were visible. No weave of fibre identification possible.				low		0.75		

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
21.061.TX1	247	inhumation	610-640	M		Wijchen-Centrum	Wool	2/2 twill	6-8x8	z/s	
21.074.TX1	263	inhumation	570-640	?		Wijchen-Centrum				z/?	
25.028.TX1	265	inhumation	610-640	M		Wijchen-Centrum		Tabby	4x4-5	z/z	
25.028.TX2	265	inhumation	610-640	M		Wijchen-Centrum		2/2 twill	6x8	z/z	
25.039.TX1	286	inhumation	570-610	?		Wijchen-Centrum	wool?	2/? Twill	7-8x6	z/s	
26.037.TX1	299	inhumation		?		Wijchen-Centrum	Wool	2/2 plain twill	9x7	z/z	plain twill
16.013.TX1		stray find				Wijchen-Centrum	Wool	2/2 Twill	4x4	z/z	
16.013.TX2		stray find				Wijchen-Centrum		Tabby	10x7-8	z/z	
25.022.TX1		stray find				Wijchen-Centrum		twill?	6x7-8	z/z	
10-70-68	?	inhumation				Wijchen-Centrum	Wool	Tabby	22x15	z/z	
10.108.TX1	146a	inhumation	610-640	M		Wijchen-Centrum	Plant	Tabby	12-14x18	z/z	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
21.061.TX1	Fabric is preset on back of buckle and buckle plate and also on back of 3 pieces of plate belonging to a sword belt. Probably same garment lying underneath the belt. Rather coarse and somewhat open fabric.	coarse	irregular	1x1 - 2x4	medium	low-high	0.75-1.25	0.5-0.75	4
21.074.TX1	Only a few threads remain of this fabric. Fabric is very corroded, fabric and fibre identification is not possible				medium		0.5		
25.028.TX1	Badly preserved, no fibre identification possible	coarse, slightly open	regular	1x1; 1,5x1,5	medium	medium	1,5	1,5	2
25.028.TX2	Badly preserved, no fibre identification possible	regular	regular	1x1; 1x1,5	medium	medium	1	1	2
25.039.TX1		coarse		1,5x2,5	medium	low	0.75	1	1
26.037.TX1	2 layers of same fabric on one side of shovel blade.	regular	smooth, regular	7x5; 3x2	medium	medium	0.75-1	0.75-1	1
16.013.TX1		dense, regular	regular, smooth	1x0,8	medium	medium	1,5	1,2	1
16.013.TX2	4 layers of probably same fabric	a bit open	regular	1,5x3	medium	medium	0,75	0,75	1
25.022.TX1	Badly corroded fragment fe; fabric badly preserved. No positive fibre and fabric identification possible.			1x1	low-medium	low	0.75-1	0.75	1
10-70-68		regular	regular	0.5x0.5	medium	medium	0.3	0.3	1
10.108.TX1	fine and very regular, dense fabric. 2 loose fragments of textile: 2 layers of different fabric on top of each other. 10.108.TX1 against 10.108.TX2 and is worn under garment 10.108.TX2 underbelt 10.108.	fine, very regular, dense	regular	1,5x2; 2x2	low-medium	low-medium	0.3-0.4	0.3-0.5	2

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Find number	Context	Context Type	Date	Gender	Age	Site	Fibre	Weave	Thread Count	Spin	Pattern Description
10.108.TX2	146a	inhumation	610-640	M		Wijchen-Centrum	Wool	2/2 diamond twill	8x6-7	z/s	diamond twill (pattern repeat ?)
10.108.TX2	146a	inhumation	610-640	M		Wijchen-Centrum	Wool	2/2 diamond twill	8x6-7	z/s	diamond twill (pattern repeat ?)
10.109a.TX1	146a	inhumation	610-640	M		Wijchen-Centrum	Wool	2/2 twill	7x5	z/s	
10.109d.TX1	146a	inhumation	610-640	M		Wijchen-Centrum	Plant?	2/2 twill	7x7	z/z	
10.110.TX1	146a	inhumation	610-640	M		Wijchen-Centrum	Wool?	2/2 twill	8x6-7	z/s	
10.110.TX2	146a	inhumation	610-640	M		Wijchen-Centrum	Wool	Tabby	16x9	z/s	
10.110.TX3	146a	inhumation	610-640	M		Wijchen-Centrum	?	Tabby	18x10	z&s/z	
10.113.TX1	146b	inhumation	610-640	F		Wijchen-Centrum	?	2/2 twill	8-9x6-8	z/s	
10.113.TX1	146b	inhumation	610-640	F		Wijchen-Centrum	?	2/2 twill	8-9x6-8	z/s	

APPENDICES

Find number	Comments	Quality weave	Quality spinning	Measurements (cm)	TwistX	Twist Y	Thread thickness X	Thread thickness Y	Number of fragments
10.108.TX2	Fabric is visible on 2 locations on back of belt plate. Also present as 2 loose fragments covered by 10.108.TX1. This (10.108.TX2) fabric was worn directly under belt 10.108 and covered garment made out of 10.108.TX1.		regular, thin warp, thick weft	2x2 (2x); 2x1,5 (2x)	medium	medium	1-1,5	1-1,5	4
10.108.TX2	Fabric is visible on 2 locations on back of belt plate. Also present as 2 loose fragments covered by 10.108.TX1. This (10.108.TX2) fabric was worn directly under belt 10.108 and covered garment made out of 10.108.TX1.		regular, thin warp, thick weft	2x2 (2x); 2x1,5 (2x)	medium	medium	1-1,5	1-1,5	4
10.109a.TX1	open and stretched fabric. Thin threads causing very open fabric.		regular	3x5	low-medium	low	0.5-0.75	0.5-0.75	1
10.109d.TX1			regular	2x1,5	low	low	1-1.5	1-1.5	1
10.110.TX1	Fabric may be similar as 10.108.TX2 & 10.109b.TX1. Open and bit coarse stretched 2/2 twill. Probably wool, but no fibre identification possible.	open	regular	3x3; 1,5x1	medium	low	1	1	2
10.110.TX2	Loose fragment of TX. Same as 10.110.TX3?			0.5x0.5	low	medium	0.5	0.2	1
10.110.TX3	Loose fragment of textile. Same as 10.110.TX2?	regular	smooth	0.3x0.5	low-med	low-med	0.2-0.3	0.2-0.3	1
10.113.TX1	Thin warp, thick weft	coarse, ir-regular	regular	2x5	low	low-medium	0.75-1.2	1-1.5	1
10.113.TX1	Thin warp, thick weft	coarse, ir-regular	regular	2x5	low	low-medium	0.75-1.2	1-1.5	1

Appendix V

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
101-1171	101 Ferwerd Burmaniaterp	Wool	2/2 diamond twill	10x8-9	z/s	Diamond twill pattern repeat 22/18			many faults	regular	dark brown, trace of red	24x14
101-714	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	8x7	z/z				dense, bit irregular	irregular	dark brown-black	38x7.5
101-883	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	20-21x13	z/z	Color pattern in weft: alternating 1 light and 1 dark thread creating a fine blockpattern	All fragments have selvage of 3 warp threads		fine, regular	regular	Warp: reddish, weft: alternating light and dark brown	2.5x41; 2.5x28; 2x35
101-823	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	8-9x6	z/z				open, irregular, thin and thick threads	irregular	dark brown, a trace of yellow and red	5x3; 11x6
101-932	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	12x11	z/z				regular, dense, a few faults	regular	dark brown-black	28x12
101-890	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	10-11x10	z/s		selvage in tablet weave of 4 tablets.		regular, dense, but many faults	regular	brown	10x76
101-470/1	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	7x8	z/z				a bit irregular, open	regular	dark brown, trace of red	10x24; 4x3
101-470/2	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	16x9-10	z/z				irregular	regular	dark brown-black	17x45
101-470/3	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	14x12	z/z				dense, fine weave, few faults	regular	dark brown	22x42
101-470/4	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	7x7	z/z				regular, dense	regular	brown	???
101-470/5	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	9x8	z/z		very distorted (oblique angles)		regular	regular	brown	5x22
101-470/6	101 Ferwerd Burmaniaterp	Wool	2/2 plain twill	12x12	z/z		Second piece has a selvage of 6 tablets, weft threads looped back into card weave but not into main weave.		a bit irregular	regular	dark brown	37x19

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
101-1171	low-medium	medium	1	0.75	1				
101-714	medium-high	medium	0.75-1.5	1-1.5	1	Hem	Hem along short side: 14c. Hem along long side: 15a.	14c: width 1.3 cm. Sewing thread: light brown, 2zS, 1mm, wool (?); 15a: width 5mm, sewing thread 2zS, 1-1.2 mm, wool (?).	
101-883	medium-high	medium	0.3-0.4	0.3-0.5	3				
101-823	medium	medium	0.5-1	0.5-1.5	2				
101-932	medium	medium	0.75	0.75	1	Hem	14a	Width 0.8cm; Whipstitches every 1-1.5cm; Sewing thread: z (not twined), 1mm.	
101-890	medium	medium	0.3-0.5	0.5	1				Long fragment. Fabric is damaged, part of the threads have decayed.
101-470/1	medium	medium	1.25	0.75	2				Badly preserved, fabric is falling apart, frayed.
101-470/2	medium-high	medium	0.5	0.5-0.75	1				Fabric is stretched open in some places
101-470/3	medium	medium	0.5-0.75	0.5-0.75	1	Hem	Small remnant of hem in weft-direction: 15(?). Hem in warp-direction: 15a	15(?): no remnants of sewing threads left. 15a: width 6mm, whipstitches every 5mm. Sewing thread: 2zS 1mm wool.	Large main fabric with 2 pieces of coarser weave sewn onto or attached to it (see 101-470/4&5).
101-470/4	medium	medium	1	1	1	Seam	3	Width 8mm, whipstitches every 5mm. Sewingthread: 2zS, 2mm, wool.	
101-470/5	medium	medium	0.75	0.75	1	Attach-ment		Fabric is attached with running stitches (4mm above, 10mm under fabric). Sewing thread: 2zS, 1mm, wool	Frayed and distorted (oblique angles). Fabric is sewn onto 101-470/3.
101-470/6	medium	medium	0.75	0.5-0.75	2	Seam & hem	13a; 15a;	13a: width 1-2.5cm, whip stitches every 0.7cm. Sewing thread 2zS, 1.5mm, wool. 15a: width 7mm, whipstitches every 7mm. Sewing thread 2zS, 1.5mm. 2: sewing thread 2zS, 2mm.	Strip sewn onto main fabric 101-470/3 in direction of the weft.

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SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
101bis-1809	101bis Ferwerd Burmaniaterp II	Wool	2/2 plain twill	10x10-11	z/z				regular, a bit open	regular but over twisted	dark brown	9x8
120-348	120 Cornjum Dekema-/stoomterp	Wool	2/2 diamond twill	12x10	2zS/2zS	Diamond twill, pattern repeat 28/26			regular, dense	regular	warp: dark-redbrown, weft: lightbrown	42x15
120-411/1	120 Cornjum Dekema-/stoomterp	Wool	2/2 diamond twill	8x8	2zS/2zS	fabric is too decayed to analyse the pattern repeat			regular	regular	brown	5x5
120-411/2	120 Cornjum Dekema-/stoomterp	Wool	2/2 plain twill	4-5x2.5	z/s				coarse	irregular	brown	9x10; 14x15; 13x12
145-301/1	145 Foswerd	Wool	2/2 plain twill	9x5	z/s					regular	red brown	9x7
145-301/2	145 Foswerd	Wool	2/2 plain twill	14x4	z/s				dense, regular, thin warp, thick weft	regular	dark brown-black	2.5x4.5; 3x3
145-301/3	145 Foswerd	Wool	2/1 twill	14x8	z/s				regular, dense	regular	red brown	2x6
145-301	145 Foswerd	Wool	2/2 plain twill	12x10-12	z/z				regular	regular	black	4x6; 6x7
14J-612/1	14J Hoogterp Leeuwarden	Wool	2/2 diamond twill	10x10	z/s	Diamond twill pattern repeat 24/18			regular, dense	thick regular threads	dark brown	19x18
14J-612/2	14J Hoogterp Leeuwarden	Wool	2/2 diamond twill	13x10	z/s	pattern repeat not counted					dark brown	9x10
14J-612/3	14J Hoogterp Leeuwarden	Wool	2/2 diamond twill	11x10	z/s	diamond twill, pattern repeat was not visible				regular	dark brown	4x6
14J-612/4	14J Hoogterp Leeuwarden	Wool	2/2 diamond twill	13 x 9-10	z/s	diamond twill, pattern repeat was not visible				irregular	dark brown	9x9
14J-612/5	14J Hoogterp Leeuwarden	Wool	2/2 diamond twill	10x8-9	z/s	diamond twill, pattern repeat 18/24. Every 1, 2 or 3 sheds there is a double weft thread. No regular pattern and no color differences between single or double weft threads.				regular	dark brown	23x18
14J-611	14J Hoogterp Leeuwarden	Wool	??	?x?	z/?						light brown	14x5x1.3; 6x4 (2x)

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
101bis-1809	high (over twist)	high (over)	0.3-0.5	0.3-0.5	1	Hem	14b	Width 1 cm, whipstitches every 1.5 cm, 0.6 cm long. Sewng thread linen(?), only imprint of stitch remains.	
120-348	low twist and twine	low twist, medium twine	1mm	1mm	1	Hem	13b	Width 1 cm; Sewing thread z-twisted (not twined), 1mm, wool.	
120-411/1	low twist, medium twine	low twist, medium twine	1	1	1				
120-411/2	medium	low (barely spun)	1-1.5	3-4	3				Badly preserved, falling apart
145-301/1	medium -high	medium	1	1.5	1				Originally one piece but fallen apart into 3 fragments
145-301/2	medium	medium	1	2	2				1 fragment, heavily felted on both sides, cut angular
145-301/3	medium	medium	0.7	1	1				
145-301	high (over twist)	medium -high	0.75-1	0.75-1	2				Heavily felted
14J-612/1	low-medium	medium	1	1	1	Hem	2 hems: 13a	13a: Width 1cm; whip stitches (6mm). Sewing thread 2zS, 2mm.	
14J-612/2	medium	medium	0.75-1	0.75-1	1	Attach-ment		Edges are folded back (2cm) and it has been sewn on with running stitches (5mm) 1-2mm from the edge. Sewing thread wool 2zS 0.75-1mm. Beginning of thread has a small knot.	14J-612/2 is sewn onto this piece. The edges underneath this repair-piece are frayed, it was either damaged or worn with age.
14J-612/3	medium	medium	0.75	0.75	1				
14J-612/4	low-medium	low-medium	0.75	0.75	1				
14J-612/5	medium	medium	0.75	0.75	1	Hem	Hem along left side of fabric: 13a	13a: width 1 cm, whip stitch every 0.6 cm. Sewing thread: dark brown-black wool, 1.5 mm 2zS	
14J-611					3				

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
14J-603	14J Hoogterp Leeuwarden	Wool	2/2 plain twill	8x6	z/z	irregular variation in direction of twill, creating a stripe pattern. At one place the direction of twill is not changed but pattern is broken.			regular, dense	irregular	brown	14x19
16D-98/2	16D Teerns	Wool	2/2 plain twill	8x5-6	z/2 zS	2/2 twill with woven stripe/ block-pattern. Weft consists of stripes of brown and black threads. Warp is brown (or red) creating a block-pattern.			regular	irregular	brown, black (weft) and redbrown (warp)	21x20
28-596W 170	28 Hoogbeintum	Wool	2/2 plain twill	10x10	z/z				open, regular	regular	dark brown-black	ca. 6x7
28-597W 171/1	28 Hoogbeintum	Wool	2/2 diamond twill	13x8	z/s	Diamond twill, pattern repeat 22/18			regular, dense	regular	dark brown-black	11x12; 4x3
28-597W1 71/2	28 Hoogbeintum	Wool	2/2 plain twill	8x8	z/s				open	regular	brown	11x5
28-321/1	28 Hoogbeintum	Wool	2/2 diamond twill	12x9-10	z/s	diamond twill, pattern repeat 22/18			dense, bit irregular	regular	brown	
28-321/3	28 Hoogbeintum	Wool	2/2 diamond twill	10x8	z/s	pattern repeat not visible because of felted surface	all fragments have a starting border in tablet weave (4 cards).					
28B-45	28B Blija	Wool	2/2 plain twill	14-15x6	z/2 zS				faults in weave	regular	dark brown	12x15
33-373/1	33 Aalsum	Wool	2/2 diamond twill	9-10x8	z/s	diamond twill, pattern repeat 30/20			regular	regular	dark brown, warp lighter than weft	ø 16-17

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
14J-603	low-medium	medium	101.5	1.5	1				Heavily felted on both sides, fabric is still attached to piece of wood. Very fragile, falls apart at touch. At some places a z-twisted thread is visible. Weave not visible. Thick: several layers?
16D-98/2	medium	low twist and twine	1-1.5	1-1.5	1	Hem	12	Edge is finished with tablet weave (2 tablets): weft thread of tablet weave consists of whip stitches, sewn onto the edge of the fabric.	Change in direction of twill after irregular amount of weft threads: ...10; 10; 7; 7; 5; 7; 3; 4// 3; 7; 8; 6; 12; 5... // = Break in twill
28-596W 170	medium	medium	0.5	0.4	1				Fabric has been darned with very coarse thread 2zS, brown, 4 mm thick.
28-597W 171/1	medium	low	0.75	1.2	2				Frayed piece of textile still attached to clay, hence could not be measured completely.
28-597W1 71/2	medium	low	1	0.5	1				
28-321/1	medium	medium	0.75	1	4	Seam	8b	Sewing thread: wool, double z-twisted thread 1 mm	
28-321/3					4	Seam	1a, 1b	Sewing threads: light brown, s-twisted, 1.5mm or double thread z-twisted, 1mm.	
28B-45	medium	medium twist and twine	0.5	1.25	1	Various stitching			
33-373/1	medium-high	medium	0.5-1	1	1	Various stitching		Different parts of hat are stitched together with running stitch or whipstitches. Seams are folded open and attached with whip stitches. Sewing thread 2zS 1-2mm.	In direction of weft there are rows of running stitches (length ca. 1cm). Very irregular stitches and not in line, so probably not meant as decoration. At back of fabric there are a few coarse threads between fabric and stitches: perhaps remains of attachment.

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
33-373/2	33 Aalsum	Wool	2/2 diamond twill	9x8	z/s	diamond twill, pattern repeat 24/18			some faults, dense weave	irregular	brown, warp lighter than weft	7 cm high, 10-14 cm wide
33-373/3	33 Aalsum	Wool	2/2 diamond twill	10x8	z/s	diamond twill, pattern repeat 30/28			a bit irregular	irregular weft	brown, warp lighter than weft	
33-373/4	33 Aalsum	Wool	2/2 diamond twill	10x9	z/s	diamond twill, pattern repeat 20/20			irregular, dense	irregular	brown, warp darker than weft	
33-373/5	33 Aalsum	Wool	2/2 plain twill	10-12x12	z/s					regular	red brown	variable
33-374	33 Aalsum	Wool	2/2 plain twill	3x2	z/z				coarse, irregular	regular	brown (warp dark, weft light)	16x20
35B-147/1	35B Oostrum, Mellemastate	Wool	2/2 diamond twill	10x10	z/s	pattern repeat not visible because of felted surface			regular, very dense	regular	brown	14x10
35B-147/2	35B Oostrum, Mellemastate	Wool	2/2 diamond twill	14x12	z/s	diamond twill, pattern repeat 20/18			regular, dense	regular	dark brown	
35B-48/1	35B Oostrum, Mellemastate	Wool	2/2 diamond twill	14x12	z/s	diamond twill, pattern repeat 12/18		purpu-rin, Rubia tinctorum L.	regular, dense	a bit irregular weft	white wool, dyed red. Sewing thread dyed darker red	54 cm, front 6, back 24
35B-48/2	35B Oostrum, Mellemastate	Wool	2/2 diamond twill	11-12x10	z/s	pattern repeat not visible because of felted surface			regular	regular, fine	dark brown	
46-95	46 Beetgum	Wool	2/2 plain twill	8x8	z/s				regular	a bit irregular weft	dark brown-black	3x11; 10x19
77A-102B	77A Wijnaldum	Wool	2/2 plain twill	10x8	z/z	alternating light and dark threads in both warp and weft, creating a block pattern	Tubular selvedge		regular	regular	lightbrown and black	4x7
77A- 73B	77A Wijnaldum	Wool	2/2 plain twill	7-8x7-8	z/z				coarse	irregular	brown	4x6

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
33-373/2	medium-high	medium	0.75-1.5	1-1.5	1				Hat, made out of small pieces, cut on the straight but warp of different pieces is not all in same direction. Side panel is made of 1 large piece and (on one side) a small piece is attached to make it symmetrical. Hat is clearly made out of scraps of fabric.
33-373/3	medium-high	medium	0.5-1	1-2	1	Various stitching			
33-373/4	medium-high	low-medium	0.5-0.75	1-1.5	1				Front panel of hat
33-373/5	medium-high	low	1	1	2				Side panel of hat
33-374	high	low (barely spun)	2-3	3-5	3	Seam	6a	Sewing thread 2zS (high twine), 2mm	Crown panel of hat
35B-147/1	medium-high	medium-high	0.75	0.75	1				Repair pieces of hat
35B-147/2	medium-high	low-medium	0.75	0.5-0.75	2	Various stitching	6c; 13a; 14a	6c: Sewing thread: d.brown wool, 2zS 2mm.; 13a & 14a: whip stitches every 8mm, sewing thread: double thread z-twisted 1mm.	
35B-48/1	medium	low-medium	0.5-0.7	0.5-0.75	2	Various stitching	4a; 13c	4a: Sewing thread 0.5mm s-twisted (red); 13c: sewing thread s-twisted. Stitch length: 1-3mm	1 side heavily felted, 1 side lightly felted.
35B-48/2	medium-high	low-medium	0.3-0.5	0.5	2	Various stitching			
46-95	medium	medium-high	1	1-1.5	4	Various stitching	12		Hat, size 54 cm. Good quality weave and sewn with great care. Heavily used and repaired in many places. Repairs seem the result of 1 action; use of same technique and same sewing threads. Repairs are firm, but rough. Although one used fine fabric (very fine threads) for repair pieces.
77A- 102B	medium-high (over twist)	medium-high	1-1.3	1	1				Repair pieces in hat
77A- 73B	medium	medium	1-1.5	0.75-1	1				1 fragment has a card weave edge sewn onto the edge

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
77A-73A/1	77A Wijnaldum	Wool	2/2 plain twill	8-10 x5-6	z/z				irregular with thin and thick threads	irregular	dark brown-black	6x14
77A-73A/2	77A Wijnaldum	Wool	2/2 plain twill	7-8x5	z/z				coarse	coarse	brown	2x2 - 15x8
77A-73A/3	77A Wijnaldum	Wool	2/2 plain twill	8x4	z/s				coarse	coarse	brown, warp a bit reddish	22x2.5
Anjum_vnr 303	Anjum	Wool	2/2 plain twill	11-12x6-7	z/s							13x9
a1913 /12.5d /1	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x10	z/s	diamond twill, piece too small too count pattern repeat			irregular	irregular	dark brown	2x2
a1913 /12.5d /2	Dokkum - Berg Sion	Wool	2/2 diamond twill	15x12	z/s	diamond twill, pattern repeat 12/16			irregular, dense	irregular	brown	6.5x17
a1913 /11.227	Dokkum - Berg Sion	Wool	tabby	14x7	z/s				open	irregular	light brown	24x7
a1913 /11.228 /1	Dokkum - Berg Sion	Wool	2/2 plain twill	5-6x3	z/z				coarse	irregular	brown	8x10
a1913 /11.228 /2	Dokkum - Berg Sion	Wool	2/2 plain twill	8x7	z/s				fine weave	irregular	brown	5x4
a1913 /11.223	Dokkum - Berg Sion	Wool	Tabby	4-5x5-6	z&s/ z&s	Spinpattern in warp and weft, colorpattern in weft. Warp: ...5z-4s-6z-2s-6z-2s-6z-4s-6z-2s-9z... Weft: 1.brown:12z, 9s. After this s: alternating 9x(1 dark and 1 lightbrown). After this alternating 1-1, 1-2 or 2-1 (dark and lightbrown, irregular).			thick, a bit open		light and darkbrown	12x43

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SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
77A-73A/1	medium	medium	0.3-1	1	1				Color pattern: warp >7 l.brown, 14 black, 8 l.brown. Weft: 8 l.brown, 12 black, ? l.brown. Fabric is frayed
77A-73A/2	medium	medium	1-1.5	1-2	4				
77A-73A/3	medium-high	low	1.5-2	2	1		14a	14a: whip stitches every 1 cm. Sewing thread z, medium-high twisted, 2mm.	
Anjum_vnr 303	medium	low (barely spun)			1				
a1913/12.5d/1	medium	low	1	0.5-1	1				
a1913/12.5d/2	medium-high	low-high	0.5	0.75-1	1	Attach-ment		Sewing thread: 2zS, 2mm and single z-twisted thread 1mm.	Fibre analysis by S. Comis: Warp fibres average thicker than weft. Warp (combed wool?): 32 - 60 µm. Some fibres are very thin: (ca. 16 µm), some are extremely thick (80 µm). Weft is thinner (soft under wool): 24-48µm.
a1913/11.227	medium-high	medium-high	0.5-1	1	1	Hem	14a	whip stitches every 1,5cm. Sewing thread 2zS (low spun, medium twine), 1.5mm, light brown.	2 pieces sewn onto each other. a1913/12.5d/1 is main fabric. a1913/12.5d/2 is sewn onto/ repair piece. a1913/12.5d/1 only remains in little frays around the repair piece. See a1913/12.5d/2 for further details on stitching.
a1913/11.228/1	medium	medium-high	0.5-1.5	1.5-2	1				a1913/12.5d/2 is sewn onto a1913/12.5d/1 with a row of running stitches, every 4mm.
a1913/11.228/2	low-medium	medium	0.75-1	1-1.5	1				
a1913/11.223	medium-high	low-medium	1-1.5	1-1.5	1				

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SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913 /12.5a	Dokkum - Berg Sion	Wool	2/2 diamond twill	9-10x 9-10	z/s	diamond twill, pattern repeat 7/14			regular, a bit open	regular, smooth	brown, a bit reddish	32x7
a1913 /12.5b	Dokkum - Berg Sion	Wool	2/1 twill	6x6-7	z&s/ z	spin pattern in warp: ...2s-2z-1s-4z-1s-3z-8x(1s-2z)-5z-3x(1s-2z)...; alternating dark and light threads				irregular	brown, reddish, alternating dark and light threads	11x17, 6x5
a1913 /12.5c	Dokkum - Berg Sion	Wool	2/2 diamond twill	8-9x9-10	z/s	Pattern repeat not visible due to felted surface.				regular	dark brown	39x8
a1913 /12.5e	Dokkum - Berg Sion	Wool	2/2 diamond twill	9-10x9	z/s	diamond twill, pattern repeat 40/28			regular, dense	regular	dark brown	14x11
a1913 /12.5 z.n.1	Dokkum - Berg Sion	Wool	2/2 diamond twill	11x8	z/s	diamond twill, pattern repeat 20/18	Starting border in tablet weave using 3 tablets.		regular	irregular		4x9 - 30x10
a1913 /12.5 z.n.2/1	Dokkum - Berg Sion	Wool	2/2 twill, piled weave	8x3	z/s	piled weave, pile is max. 8 cm long.	tubular selvedge on 2 fragments		coarse	irregular, weft very low spin	brown	3x11 - 8x11, 5mm thick
a1913 /12.5 z.n.2/2	Dokkum - Berg Sion	Wool	2/2 plain twill	12x9-10	z/s				regular	regular	brown	6x11
a1912 /3.23/1	Dokkum - Berg Sion	Wool	2/2 plain twill	5-7x3	z/s				irregular	irregular		7x7
a1912 /3.23/2	Dokkum - Berg Sion	Wool	2/2 plain twill	10x8-9	z/s				regular, dense	regular	brown	16x13
a1913 /11.224	Dokkum - Berg Sion	Wool	Tabby	28-29x15	z/s				very fine, dense	very fine	brown	18x25; 4x5
a1913/ 11.226	Dokkum - Berg Sion	Wool	2/2 plain twill	9-10 x5-6	z/s		Selvedge with warp-threads close together. Thick weft goes directly back into fabric , making the edge curl round.		thick fabric; thin warp, thick weft	regular	brown	13x16; 3mm thick
a1913 /11.232	Dokkum - Berg Sion	Wool	Tabby	14x12	z/z	Schleiergewebe			regular	regular	brown	19x57
a1913 /11.236a	Dokkum - Berg Sion	Wool	2/2 plain twill	5x3	z/s		Starting border or selvedge.		coarse	irregular	brown	8x2 - 23x3

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913 /12.5a	medium	medium	0.5	0.5	1				
a1913 /12.5b	medium-high	medium-high	0.75-1.5	0.75-1	2				Some double weft threads present. Light brown threads seem coarser fibres. Z-spun threads: dark brown, light brown and reddish. S-spun threads: dark brown.
a1913 /12.5c	medium-high	low-medium	1	0.75	1				Very frayed, strip cut on the bias
a1913 /12.5e	medium-high	low	1	1	1				
a1913 /12.5 z.n.1	medium-high	low-medium	1	0.75	8		2	Whip stitches every 1cm. Sewing thread: double thread z-twisted	
a1913 /12.5 z.n.2/1	medium	low (barely spun)	1-2	3-5	4				
a1913 /12.5 z.n.2/2	medium	medium	0.75	0.75	1	Hem	14a	Whip stitches every 5mm. Sewing thread 2zS 1mm d.brown	
a1912 /3.23/1	medium-high	low (barely spun)	1-1.5	3	1	Attach- ment	6a?	No sewing thread left along the edge, only imprints and needle punctures every 8mm.	Thick densely felted fabric with long threads worked through and around warp. Pile-thread: s1-1.5mm, medium spun
a1912 /3.23/2	medium-high	high	0.75-1	1	1	Attach-ment			
a1913 /11.224	medium-high	low	0.2	0.2	2				Main fabric with a1912/3.23/2 sewn onto it.
a1913/ 11.226	medium-high	medium-high	1	2	1				See a1912/3.23/1 for details on sewing
a1913 /11.232	medium	medium	0.2-0.3	0.2	1				
a1913 /11.236a	medium-high	low	1.5-2	3-4	7		13a; 15a;	Whip stitches every 1 cm. Sewing thread: z 2.5mm, medium spun.	Thick, compact and felted mantle fabric, cut angular

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913/11.236b	Dokkum - Berg Sion	Wool	2/2 plain twill	6x3	z/s				coarse	irregular		
a1913/11.236c	Dokkum - Berg Sion	Wool	2/2 plain twill	4x2-3	z/s				coarse	thick regular threads	brown	16x3; 18x3
a1913/11.236d	Dokkum - Berg Sion	Wool	2/2 plain twill	4x2	z/?				coarse	irregular	brown	45x2.5; 55x3
a1913/11.230/1	Dokkum - Berg Sion	Wool	2/1 twill	20-24x11	z/s				regular, very dense	regular	brown	
a1913/11.230/2	Dokkum - Berg Sion	Wool	2/1 twill	12x8	z/s	Every 3rd weft floats on the back of the fabric.			regular	regular	brown	5x9
a1913/11.230/3	Dokkum - Berg Sion	Wool	2/2 diamond twill	16-18x14	z/s	Pattern repeat not visible (fabric too frayed)				regular	brown	19x14
a1913/11.223/2	Dokkum - Berg Sion	Wool	2/1 twill	4-6x3	z/s	colorpattern in warp/ weft: warp: darkbrown, weft brown.			coarse	regular	darkbrown warp, brown weft	24x11
a1913/11.223a	Dokkum - Berg Sion	Wool	2/2 diamond twill	12-13x10	z/s	Diamond twill. Many faults in diamond-pattern.			faults in weave	regular	dark brown, trace of red	40x37
a1913/11.223/1	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x7-8	z/s	Pattern repeat not visible (fabric too frayed)			irregular	irregular	dark brown	4x4 - 13x20
a1913/11.223b	Dokkum - Berg Sion	Wool	2/2 plain twill	8-10 x8-9	z/s				regular	regular	dark brown-black	30x32
a1913/11.223c	Dokkum - Berg Sion	Wool	2/2 plain twill	9-10 x11	z/s				irregular	irregular	dark brown	26x15
a1913/11.223d	Dokkum - Berg Sion	Wool	2/2 diamond twill	12-16x11	z/s	diamond twill, pattern repeat 22/18			a bit irregular	a bit irregular	brown	
a1913/11.223e	Dokkum - Berg Sion	Wool	2/2 plain twill	6x5	z&s/s	Spinpatern in warp: repeat z-z-s			regular	regular	brown, reddish in z-spun threads	18x23

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913 /11.236b	medium-high (over twist)	medium-high	1-1.5	2-2.5	1	Hem	14a	Sewing thread: z, 1-1.5mm, medium spun.	Very open en fragile fabric
a1913/ 11.236c	medium-high	low (barely spun)	1.5	2.5	2	Hem	14a	Hem 2 cm wide; Sewing thread: z, 2mm, medium spun.	6 Long strips, torn along the border.
a1913/ 11.236d	medium	medium			2	Hem	15?		Piece consists of only a hem: 1-2 cm folded back double, attached with whip stitches. Piece is looped around a stick of wood and threaded through hole in fabric. No threads have been cut to make the hole: threads just below the hem have merely been pushed aside.
a1913/ 11.230/1	medium	medium	0.5	0.5	1	Various stitching	3; 14a	3: whip stitches every 8mm. Sewing thread 2zS, 0.75, 1 & 1.5mm or double thread z 0.5mm. 14a: whip stitches every 1cm, double thread z, 0.5mm	
a1913/ 11.230/2	medium-high	medium	0.3-0.5	0.5	2	Seam			Hem in direction of weft. Hem is rolled up very compact twice. Sewing thread not visible.
a1913/ 11.230/3	medium	medium	0.5	0.5	1				Main fabric. Seam with a1913/11.230/2 , a1913/11.230/3 is repair piece, sewn onto a1913/11.230/1.
a1913 / 11.223/2	medium-high	low (barely spun)	1	3	1				
a1913/ 11.223a	medium-high	medium-high	0.75-1	0.75-1	1				
a1913/ 11.223/1	low-medium	medium	0.5-1	1	10	Hem	14a	whip stitches every 6-7mm, sewing thread double thread z, brown, 0.5mm medium-spun.	Thick, coarse weave, frayed. Thin warp, thick weft.
a1913/ 11.223b	medium	low	0.5-0.75	0.75	1				
a1913/ 11.223c	low-high	low-medium	0.75-1.25	0.75-1	1				
a1913/ 11.223d	medium-high	low-medium	0.5-0.75	0.75	1	Embroidery	4a, 4b, 13a	Sewing thread: 2zS, 0.75mm, light brown.	
a1913/ 11.223e	medium	medium-high	1-1.5	1-1.5	1				

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913/ 11.223f	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x9- 10	z/s	diamond twill, pattern repeat 24/18			regular	regular	dark brown	8x28
a1913/ 11.223g	Dokkum - Berg Sion	Wool	2/2 diamond twill	12x9- 10	z/s	diamond twill, pattern repeat 32/18			regular	regular	dark brown	10x16
a1913/ 11.223h/ 1	Dokkum - Berg Sion	Wool	2/2 plain twill	10x11- 12	z/s				coarse, dense	irregular	brown	27x33
a1913/ 11.223h/ 2	Dokkum - Berg Sion	Wool	2/2 diamond twill	8-9x9	z/s	diamond twill, pattern repeat 10/8 (?)			irregular	irregular	dark brown	27x22
a1913/ 11.223h/ 3	Dokkum - Berg Sion	Wool	2/2 diamond twill	9-10 x10	z/s	fabric is badly damaged. Pattern repeat not visible			regular	regular	dark brown	10x5
a1913/ 11.223h /4	Dokkum - Berg Sion	Wool	2/2 plain twill	8x8	z/s				open	regular	dark brown	8x6
a1913/ 11.223i	Dokkum - Berg Sion	Wool	2/2 diamond twill	12x12	z/s	Pattern repeat not visible (fabric too frayed)			regular	regular	dark brown	46x3
a1913 /11.223j	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x10	z/s	Pattern repeat not visible (fabric too frayed)			regular	regular	dark brown	18x5
a1913/ 11.223k	Dokkum - Berg Sion	Wool	2/2 plain twill	12x10	z/s				regular	regular	dark brown	17x18
a1913/ 11.223L	Dokkum - Berg Sion	Wool	2/2 plain twill	10x8	z/s				coarse, dense	regular (warp smooth, weft curly)	dark brown	12x13
a1913/ 11.223n /1	Dokkum - Berg Sion	Wool	2/2 plain twill	7-8x7-8	z/s				regular	regular	dark brown	15x2

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913/ 11.223f	medium	low- medium	0.75-1	1	2	Seam	8b	Whip stitches every 7mm. Sewing thread 2zS 1mm.	Hat made out of a rectangular piece of cloth with 2 side panels. Seams made in decorative stitch. Seam allowances also secured with very fine (sometimes) decorative stitches.
a1913/ 11.223g	medium	low	0.75	0.75	1	Seam			
a1913/ 11.223h/ 1	low-high	medium- high	0.5-1	0.5-0.75	1	Various stitching			
a1913/ 11.223h/ 2	low-high	low-high	0.5-1	0.5-1	1	Various stitching			Pieces was originally joined with other piece in warp-direction. Edge is folded double and secured with whip stitches every 1cm. Sewing thread 2zS 2mm. Along edge needle holes are visible where join with other piece was made.
a1913/ 11.223h/ 3	low- medium	low	0.5-0.75	0.75	1	Various stitching			Main fabric with 3 pieces attached to it 1913/11.223h/2 is sewn onto 1913/11.223h/1 with running stitches 2mm from the edge, stitches 5mm length. Double thread z, 0.75mm. .../3 is sewn onto .../1 and .../2 in the same way. .../4 is sewn behind .../1. Edges of both pieces are folded inwards and secured.
a1913/ 11.223h /4	low- medium	medium	0.5	0.5	1				See 1913/11.223h/1 for further details
a1913/ 11.223i	medium	medium	0.3-0.5	0.5	1				See 1913/11.223h/1 for further details
a1913 /11.223j	medium	medium	0.5	0.5	1				See 1913/11.223h/1 for further details.
a1913/ 11.223k	medium	medium	0.75	0.75	1				
a1913/ 11.223L	medium- high	medium	0.75-1	1	1	Hem	14a	Whip stitches every 1 cm. Sewing thread: double thread z.	
a1913/ 11.223n /1	low	low	1	1	1	Seam			

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913/ 11.223n/ 2	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x7-8	z/s	diamond is larger than fragment, pattern repeat not counted			regular	irregular	brown	15x2
a1913/ 11.223m/ 1	Dokkum - Berg Sion	Wool	2/2 diamond twill	11- 12x12	z/s	Diamond twill, pattern repeat 12/18	Selvedge on both pieces: tubular selvedge		regular	regular	brown	ca. 5x54
a1913/ 11.223m/ 2	Dokkum - Berg Sion	Wool	2/2 diamond twill	12- 14x10	z/s	diamond twill, pattern repeat 12/16			regular	regular	brown	27x10
a1913/ 11.223m /3	Dokkum - Berg Sion	Wool	Tabby	8x5	z/s				coarse	irregular	brown	13x10
a1913/ 11.223o	Dokkum - Berg Sion	Wool	2/2 plain twill	?x?	z/s					regular	black	20x3
a1913/ 11.223p	Dokkum - Berg Sion	Wool	2/2 plain twill	8x8	z/s				regular	regular	brown	1x9
a1913/ 11.223q	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x10	z/s	fragment too small to count pattern repeat.			regular	regular	brown	3x10
a1913/ 11.223r	Dokkum - Berg Sion	Wool	2/2 diamond twill	8x7	z/z &s	spin-pattern repeat s-s-z			regular	regular	brown	5x4
a1913/ 11.223s, w &x	Dokkum - Berg Sion	Wool	Tabby	9x8	z/s				regular	regular	dark brown	2.5x4.5; 8x12; 12x7
a1913/ 11.223t	Dokkum - Berg Sion	Wool	2/2 diamond twill	14x12	z/s	Diamond twill, pattern repeat 10/14			fine, regular	regular	dark brown	23x5
a1913 /11.223u	Dokkum - Berg Sion	Wool	2/2 diamond twill	12x9	z/s	Diamond twill, pattern repeat 16/10			regular	irregular	dark brown	15x8
a1913/ 11.223v	Dokkum - Berg Sion	Wool	2/2 plain twill	11- 12x8	z/s				regular	regular	dark brown	9x7
a1913/ 11.223y /1	Dokkum - Berg Sion	Wool	2/2 plain twill	10x10	z/s				regular	regular	brown	2x6
a1913/ 11.223y /2	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x7	z/z&s	Diamond twill, pattern repeat 16/18. spin pattern: no obvious pattern, alternating 1, 2 or 3 z's or s's.			irregular	regular	brown	13x12
a1913/ 11.223y /3	Dokkum - Berg Sion	Wool	2/2 diamond twill	8x6	z/s	Very irregular weave. Fabric is badly damaged. No pattern repeat counted.			irregular	irregular	brown	10x10

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SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913/ 11.223n/ 2	high (over twist)	medium	1-2	1	1	Seam			Warp smoothly spun, weft curly.
a1913/ 11.223m/ 1	high	medium	1	1	2	Various stitching	1a, 6a	1a & 6a: whip stitches every 4mm, double thread z, 0.75mm.	
a1913/ 11.223m/ 2	medium	medium-high	0.5-1	0.5	1	Various stitching			
a1913/ 11.223m /3	medium-high (over twist)	medium	1	1-1.5	1	Attachment		Whip stitches every 5mm. Sewing thread double threads-twisted, 0.5mm, black	Piece of clothing, consisting of 2 long strips with a gusset in between. Might be part of a tunic or hose. Wear and damage just above and below gusset.
a1913/ 11.223o	low-medium	medium	0.3-0.5	0.5	1				Gusset. See a1913/11.223m/1 for further details.
a1913/ 11.223p	medium-high	medium-high	1	1	1	Hem	14a	Whip stitches every 5mm. Sewing thread 2zS 1mm.	Repair piece sewn behind top of gusset.
a1913/ 11.223q	medium	medium-high	1	0.75	1				Fabric decayed. Many threads are missing. Not possible to count threads/cm.
a1913/ 11.223r	medium	medium	1-1.5	1	1				
a1913/ 11.223s, w & x	high	medium	0.75	0.75-1	3				
a1913/ 11.223t	medium	low	0.5	0.5	1				
a1913 /11.223u	low-high	medium-high	0.3-0.5	0.5	1				
a1913/ 11.223v	medium-high	medium	0.5-0.75	0.75	2				
a1913/ 11.223y /1	high	medium	0.5	0.5	1	Various stitching	3	3: whip stitches every 1 cm. Sewing thread 2zS 2mm.	
a1913/ 11.223y /2	medium	medium	1	1	1	Various stitching			
a1913/ 11.223y /3	medium-high	medium	0.5-1	1-2	1	Attach- ment			a1913/11.223y/1 is sewn together with ../2. ../3 is sewn onto 0 ../2.

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913/ 11.223y /4	Dokkum - Berg Sion	Wool	2/2 plain twill	10x7	z/s				regular	regular	brown	4x3
a1913/ 11.223z /1	Dokkum - Berg Sion	Wool	2/2 plain twill	10x7	z/s				fine, regular	regular	dark brown	31x20
a1913/ 11.223z /2	Dokkum - Berg Sion	Wool	2/2 plain twill	8x8	z/s				a bit irregular	regular	dark brown	11x6
a1913/ 11.223z/ 3	Dokkum - Berg Sion	Wool	2/2 diamond twill	8x5	z/s	diamond twill. Pattern repeat not visible due to felted surface				a bit irregular	dark brown	11x9
a1913/ 11.223aa	Dokkum - Berg Sion	Wool	2/2 herringbone/ chevron twill	10x10	z/z	change of direction after 60 weft threads.			very dense	regular	brown	29x12
a1913/ 11.223ce	Dokkum - Berg Sion	Wool	2/2 diamond twill	10x10	z/s	diamond twill, pattern repeat 22/24			regular	regular	dark brown	12x10
a1913/ 11.223dd	Dokkum - Berg Sion	Wool	??	?x?	z/s					regular	dark brown	7x14
a1913/ 11.223ff	Dokkum - Berg Sion	Wool	2/2 diamond twill	6x6	z&s/z	spin-pattern in warp: very irregular alternation of z's and s's (2-4). S possibly lighter than z.			irregular	irregular	dark brown	11x8
a1913/ 11.223gg	Dokkum - Berg Sion	Wool	2/2 plain twill	11x9	z/s				coarse, irregular	irregular	brown	9x14
a1913/ 11.223hh	Dokkum - Berg Sion	Wool	2/2 diamond twill	12- 14x11- 12	z/s	diamond twill, pattern repeat 20/22			fine, regular	regular, smooth	brown	
a1913/ 11.223ii	Dokkum - Berg Sion	Wool	2/2 diamond twill	10- 11x12	z/s	pattern repeat not visible			regular	regular	dark brown, trace of red	
a1913/ 11.223bb	Dokkum - Berg Sion	Wool	2/2 plain twill	10x8	z/s				regular	regular	brown	31x25
a1913/ 11.223ee /1	Dokkum - Berg Sion	Wool	2/2 diamond twill	8x7	z/s	diamond twill, pattern repeat 20/?			regular	regular	black	14x20
a1913/ 11.223ee /2	Dokkum - Berg Sion	Wool	2/2 diamond twill	12x9	z/s	diamond twill, pattern repeat 10/16			regular	regular	brown	10x>10
a1913/ 11.223ee /3	Dokkum - Berg Sion	Wool	2/2 plain twill	8-9x8	z/s				regular	regular	brown	>5x12
a1913/ 11.229/1	Dokkum - Berg Sion	Wool	Tabby	14x8	z/s				open	regular	brown	ca. 10x10
a1913/ 11.229/2	Dokkum - Berg Sion	Wool	2/2 plain twill	9-10x8	z/s				regular	regular	brown	

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913/ 11.223y /4	medium-high	low	0.5-1	0.5	1				
a1913/ 11.223z /1	medium	medium	1	0.75	1	Various stitching	8b	Sewing thread 2zS, 1mm.	Repair piece. See a1913/11.223y/1.
a1913/ 11.223z /2	medium	medium	0.75	0.75	1				
a1913/ 11.223z/ 3	high	high	1	1-2	1				Main weave with seam to 2nd piece and 1 repair piece sewn onto it.
a1913/ 11.223aa	medium	medium	1	0.75-1	1				../2 is coarser and more irregular than ../1.
a1913/ 11.223cc	medium	medium	1	1	1				Repair piece
a1913/ 11.223dd	medium	medium	0.75	0.75	1				
a1913/ 11.223ff	medium-high	low-medium	1	1-1.5	1	Hem	13a	Whip stitches every 5mm. Sewing thread: double thread z.	
a1913/ 11.223gg	medium-high (overtwist)	medium-high (overtwist)	1	0.75	2	Various stitching	3, 13a	Sewing thread: double thread s, 0.75mm.	Fabric is badly decayed. Pattern and thread count not visible.
a1913/ 11.223hh	medium	medium	0.75-1	0.3-0.5	2	Seam	8	one side sewn in whip stiches, other side decorative backstitch. Sewing thread: double thread s, black, 0.75mm.	
a1913/ 11.223ii	medium-high	medium	0.3-0.5	0.3-0.5	2	Seam	6a	Whip stitches every 1.4cm. Double thread z 0.3mm	
a1913/ 11.223bb	medium	medium	0.5	0.75	5				
a1913/ 11.223ee /1	medium	medium	1-1.5	1	1	Various stitching	6c	Sewing thread: double thread z, 0.5mm	
a1913/ 11.223ee /2	medium-high	medium	0.75	0.75	1	Attach-ment			
a1913/ 11.223ee /3	medium	low-medium	0.5-1	1	1	Attach- ment			Main weave with 2 pieces sewn onto it. See memo for further details
a1913/ 11.229/1	medium	medium	0.3--0.5	0.5	1				See a1913/11.223ee/1 for further details
a1913/ 11.229/2	medium	medium	0.75	0.75	1				See a1913/11.223ee/1 for further details

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
a1913/11.231	Dokkum - Berg Sion	Wool	2/2 diamond twill	16x15	z/s	irregular pattern repeat						30x26
a1912/3.34	Dokkum - Berg Sion	Wool	2/1 or 2/2 twill	4x2	z/s							
WD 375.3.1	Dorestad	Wool	2/2 herringbone/chevron twill	6x3	z/s		selvedge, pattern goes up to the edge.	red and yellow, (probably dyes from environment)	irregular with thin and thick threads	irregular weft	dark brown	
fabric 2	Dorestad	Wool	2/2 plain twill	12x11	z/s					thin warp, thick weft	brown	17,5x15,5
Fabric 3	Dorestad	Wool	2/2 herringbone/chevron twill	13x12	z/s					thin warp, thick weft		21x19
a1913/11.233	Kimswerd	Wool	2/2 plain twill	6x4-5	z&s/z	Spin pattern in warp: using z- and s-spun threads in irregular pattern. Also double z-threads used in warp. No regular pattern.	tubular selvedge on 1 fragment		irregular	regular	brown	16x20
1910/I.195/1	Klooster-wijtwerd	Wool	2/2 plain twill	5x5	z/s							
1910/I.195/3a	Klooster-wijtwerd	Wool	2/2 diamond twill	12x9	z/s	diamond twill, pattern repeat 12/18			open	regular	Brown (originally brown wool)	13x12
1910/I.195/3b	Klooster-wijtwerd	Wool	2/2 diamond twill	13-14x12-14	z/s	diamond twill, pattern repeat 12x18	starting border of tablet weave (5 tablets)		fine, regular	regular, fine	brown	
1910/I.195/4	Klooster-wijtwerd	Wool	2/2 diamond twill	10-11x8-9	z/s	diamond twill, pattern repeat 12/18			regular	irregular	Brown (originally brown wool)	17x25
1939-IV.13A/5	Leens	Wool	2/2 plain twill	8x6	z/s				coarse, dense	regular	dark brown	35x5
1939-IV.13A/6	Leens	Wool	2/2 plain twill	12x10	z/s				a bit irregular	regular	dark brown	4x5
1939-IV.13A/7	Leens	wool	tabby	10x9	z/z				fine weave	very fine	light brown	2x2-10x10
1939-IV.27/8	Leens	Wool	2/2 diamond twill	9x8	z/z	diamond twill, pattern repeat 18/18			regular	regular	dark brown-black	30x11

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SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
a1913/11.231					1				Textile still attached to clay.
a1912/3.34					1				Textile still attached to clay.
WD 375.3.1	medium	low-medium	0.5	1-3	2			Sewing thread: 2zS, 1.5-2mm; rough irregular whip stitches 4-8mm.	
fabric 2					1				
Fabric 3					1	Various stitching			
a1913/11.233	medium	high	1	1	2	Seam	2	Whip stitches every 1.5 cm. Sewing thread 2zS, 2mm.	
1910/I.195/1					1	Various stitching			
1910/I.195/3a	medium	medium	1	1	2	Various stitching	8b	Sewing thread: 2zS, 1mm.	
1910/I.195/3b	high	medium	0.4	0.5	1	Attach- ment		Edges are folded inwards and attached with whip stitches every 7mm. Sewing thread: double thread z-twisted, 1mm (each).	Fabric is rolled up to a ribbon of 1.5cm wide and sewn together. Used as a carrying-rope for a basket (?).
1910/I.195/4	high	high	0.5-0.75	0.75-1	1				
1939-IV.13A/5	medium-high	medium	1	1.25	1	Hem	14d	Sewing thread: double thread z-twisted 0.5mm wool.	Piece is sewn onto 1910/I.195/3a.
1939-IV.13A/6	low-medium	low	0.5	1	1				
1939-IV.13A/7	medium	medium	0.2-0.3	0.2-0.3	10				
1939-IV.27/8	medium-high	medium	0.75	0.75	1	Hem	14a	Whip stitches every 1cm. Sewing thread D.br.-bl. wool, 2zS, 1mm.	

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
1939-IV.27/9	Leens	Wool	2/2 plain twill	4-6x4-6	z/z		2 fragments have border (sel vedge?) of tablet weave (3 cards). Warp of border is Z-twined threads, diameter 2mm, light brown. Irregular card weave		coarse, irregular	irregular: thick and thin threads	dark brown	
1939-IV.186	Leens	Wool	2/2 plain twill	3x2	z/s				very coarse	irregular	brown	24x3
1939-IV.23	Leens	Wool	2/2 plain twill	7x4,5	z/s	warp black, weft brown, creating a woven pattern	Both fragments have a border of 4 tablets, black threads, z-twisted (medium-high), fine threads of 1mm		regular	regular	brown and black	3x15
1939/IV.37-1	Leens	Wool	2/2 plain twill	8x8	z/z				regular, dense	regular	dark brown, trace of red	46x29
1939-IV.37/2	Leens	Wool	2/2 plain twill	7-8x7-8	z&s/z	spin pattern in warp: 2z, 2s, 2z, 2s etc.			regular	irregular	brown	11x10
1939-IV.13/1	Leens	Wool	Tabby	8-9x12-13	z/z				regular	regular	brown	10x8; 6x2
1939-IV.13/4	Leens	Wool	2/2 diamond twill	20x12	z/s	diamond twill, pattern repeat 12/18			many faults		black	
1939-IV.13/5	Leens	Wool	2/2 plain twill	7-8x5	z/s		Selvedge is partly preserved: not different from rest of weave: 2/2 twill goes right up to the edge of fabric. Selvedge is not reinforced.		irregular	irregular		20x14
1939-IV.13/6	Leens	Wool	2/2 diamond twill	10x10	z/s	pattern repeat not visible			regular, dense	regular	brown	6x6
1939-IV.13/8a	Leens	Wool	2/2 diamond twill	16x16	z/s	fragment too small to count pattern repeat.			regular, dense	regular	Brown	3x2

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SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
1939-IV.27/9	medium	medium	1-2	2	13	Seam	2	Sewing thread: 2zS and double thread 0.3-0.5mm.	Very open, gauzelike weave frayed, badly preserved, fragile
1939-IV.186	medium-high	low	1.5-3	3	1				
1939-IV.23	medium-high	medium-high	1.5	2	2				Some pieces were folded double. In between folds were feathers.
1939/IV.37-1	medium-high	medium-high	0.75-1	0.75-1	1	Seam	3	Sewing thread: 1.br. 1-2mm, z-twisted.	
1939-IV.37/2	medium-high	medium-high	1-1.5	0.75-1.5	2	Various stitching			Pottery with ear, strips of fabric looped through ear.
1939-IV.13/1	medium	medium	0.3	0.3	2				Fragment is sewn together with 1939-IV.37/2.
1939-IV.13/4					1				
1939-IV.13/5	medium	medium	0.75-1.5	1.5	1	Hem	14a	Whip stitches every 1.5 cm. Sewing thread: single thread z-spun, 1mm.	Very open gauzelike weave
1939-IV.13/6	medium	medium	0.75	0.75	1				
1939-IV.13/8a	medium-high	medium-high	0.5	0.5	1	Various stitching			

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
1939-IV.13/8b	Leens	Wool	2/2 plain twill	20x12	z/s						Brown	5x3
1939-I V.13/8c	Leens	Wool	2/2 plain twill	8x10	z/s						Brown	4x3
1939-IV.13/9	Leens	Wool, fine and soft.	2/2 diamond twill	12-13x8	z/s	diamond twill, pattern repeat 16/18					Brown	5x10
1939-IV.13/10	Leens	Wool, fine and soft with some hard fibres (Schlabow: Bergschafwolle)	??	?x?	z/s				coarse		Brown	
1939-IV.18/1	Leens	Wool (Schlabow 1976: Bergschafwolle)	2/2 plain twill	5x4-5	z/s			dyed black or darkgray		regular	black	18x11
1939-IV.18/2	Leens	Wool (Schlabow 1976: Bergschafwolle)	2/2 plain twill	4-5x4	z/s				coarse	irregular	Brown	19x3
1939-IV.27/1a	Leens	Wool	2/2 plain twill	3-4x3-4	z/z				coarse	Coarse	Brown	9x11
1939-IV.27/2	Leens	Wool	2/2 diamond twill	13-14x16	z/s	Diamond twill, pattern repeat 20/18			fine, regular	??	brown	9x11
1939-IV.27/3	Leens	Wool, Hairy Medium, originally black (with a bit of white)	2/2 plain twill	8x5	z/z			no detected	coarse, but regular	regular	brown	21 cm long, Ø 24cm
1939-IV.27/4	Leens	Wool	2/2 diamond twill	8x7-8	z/z	diamond twill, pattern repeat 32/30			open, regular	regular	brown	15x4

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
1939-IV.13/8b	low	low-medium	0.3	0.75	1				
1939-I V.13/8c	medium	medium	0.3	0.75	1				
1939-IV.13/9	medium-high	low-medium	0.75-1	0.75-1	1	Various stitching			Weft much thicker than warp. Fragment is very frayed.
1939-IV.13/10	medium	low	2-3	2-3	1				Open weave. Fragment is very frayed.
1939-IV.18/1	medium	medium	2-3	2-3	1	Various stitching			Remnant of sewing thread: d.brown-black; 2mm 2zS
1939-IV.18/2	medium	low	1-6	3	1	Hem	13a		Very coarse weave, bind not visible.
1939-IV.27/1a	high	high	2	1.5-2	1	Various stitching		Sewing thread: 2mm, dark brown, 2zS.	Thick piled fabric. Long threads have been sewn onto the surface of fabric. Threads are 25 cm long and 1-1.5mm thick, S-twisted (over-twisted).
1939-IV.27/2					1	Various stitching			
1939-IV.27/3	medium	medium	1	1	1	Various stitching	14a	Sewing thread 1.5mm, 2zS.	A tablet weave has been sewn onto the edge of the fabric. See Leens-IV.27/1b.
1939-IV.27/4	low-medium	low-medium	0.75-1	0.75-1	1	Hem	13a	Whip stitches every 8mm. Sewing thread 1mm 2zS.	2 sides have been folded back and sewn with twined black thread.

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
1939-IV.27/5	Leens	Wool	2/2 plain twill	4-5x4	z/z					irregular	Brown	15x3
1939-IV.27/6	Leens	Wool	2/2 plain twill	8-9x8	z/s				open	regular	Brown	
1939-IV.27/7	Leens	Wool	tabby	8x4-5	z/z				irregular, open, full of faults.	irregular	black	12x18
1939-IV.37/1	Leens	Wool	2/2 diamond twill	13x8-9	z/s	diamond twill, pattern repeat 20/18			regular, dense	regular	dark brown-black	20x4
1939-IV.37/2	Leens	Wool	2/2 plain twill	5x4-5	z/s					regular	black	20x10
1939-IV.37/3	Leens	Wool	2/2 diamond twill	?x?	z/s	pattern repeat not visible due to bad preservation			coarse, irregular	irregular	dark brown	5x5
1939-IV.37/4a	Leens	Wool	2/2 plain twill	11x8	z/s				regular	regular	black	10x3
1939-IV.37/4b	Leens	Wool	2/2 plain twill	5x4-5	z/s					regular	black	5x6
1939-IV.37/5	Leens	Wool	2/2 plain twill	8x7	z&s/z	Warp alternating z & s: 2z, 2s, 2z, 2s, etc.			irregular, dense	regular	dark brown	6x6
1939-IV.37/6	Leens	Wool	2/2 plain twill	5x4-5	z/s					regular	black	5x4
1939-IV.37/7	Leens	Wool	2/2 diamond twill	11x8	z/s	diamond twill, pattern repeat 20/18					black	8x4
1927/VI.2/1	Leens	Wool, hairy/hairy medium, originally black	2/2 diamond twill	20x15	z/s	diamond twill, pattern repeat 12/18		no dye detected	regular, dense	very fine		14x35; 7x24

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
1939-IV.27/5	high	low-medium	1-2	1-2	1	Hem	13a	Hem 1.5 cm wide. Whip stitches every 1.2 cm. Sewing thread black, 2mm, 2zS	Piece is sewn into a tubular shape which becomes narrow at the end. Sleeve or bag?
1939-IV.27/6	medium	medium	1	1	1	Various stitching	13a	13a: whip stitches every 1 cm. Sewing thread 2zS, 1.5mm.	Open weave.
1939-IV.27/7	low-high	low-high	0.5-1	0.5-1	1	Seam			
1939-IV.37/1	medium-high	medium	0.75-1	1	1	Various stitching	13a	Whip stitches every 5mm. Sewing thread: 2zS 1.5mm (low twist, medium twine).	Garment has been repaired on a few places: edges have been folded inwards and repair pieces are placed on inside and attached with whip stitches every 1-1.5 cm. Sewing thread: 2mm thick, 2zS. Repair pieces are not visible for analyses due to the fact that piece is attached to frame.
1939-IV.37/2	medium	medium	2-3	2-3	1				Sewing thread not visible.
1939-IV.37/3	medium	low-medium	0.75-1	1-1.5	1				Along edge some sewing thread but piece is attached to cardboard so not possible to examine. Probably remnant of seam, not hem.
1939-IV.37/4a	low-medium	low-medium	0.75	0.75	1	Seam			Same fabric as 1939-IV.18/1! Thick fabric, heavily felted. Long threads have been sewn onto the surface of fabric. Threads are 25 cm long and 1-1.5mm thick, S-twisted (over twisted). Threads are folded double and sewn onto fabric.
1939-IV.37/4b	medium	medium	2-3	2-3	1				Very badly preserved, thread count not to be measured.
1939-IV.37/5	z:medium-high; s: low-medium	medium-high	0.75-1	1	1				Piece is remnant of seam, folded double and sewn together.
1939-IV.37/6	medium	medium	2-3	2-3	1				Same fabric as 1939-IV.18/1!
1939-IV.37/7					1	Hem			
1927/VI.2/1	high	medium	0.4	0.2-0.3	2	Embroidery	7	Sewing thread: 2zS, 1mm.	Same fabric as 1939-IV.18/1! Very badly preserved

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
xx	Leens	Wool	2/2 diamond twill	10x8-10	2zS/ 2zS	Diamond twill, pattern repeat not visible due to decay of threads				regular	brown	14x12
b1930/ 12.34/1	Leens	Wool	2/2 diamond twill	13-14x11-13	z/s	diamond twill, pattern repeat varies: 12/18, 14/18, 12/16. very irregular weave			irregular	fine	brown	17x13, oval
b1930/ 12.34/2	Leens	Wool	2/2 diamond twill	12-13x12-13	z/s	diamond twill, pattern repeat 12/18			regular	regular	brown	51x11
GM1939 /IV:13/1	Leens	Wool	2/2 diamond twill	12x9	z/s							
GM1939 /IV:13/2	Leens	Wool	2/2 diamond twill	8x7	z/s							
1939/ IV:13/3	Leens	Wool	2/2 diamond twill	10x10	z/s							
a1934/ 11.7	Menaldum	Wool	??	?x?	2zS/ 2zS					regular	light brown	1x2 - 7x2
00049-1	Middelburg	Wool	2/2 diamond twill	13x12	z/s	diamond twill, pattern repeat 12/10			regular, dense	regular	black	length 32.5; 22 cm diamtr

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SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
xx	low twist, medium twine	low twist, medium twine	1-1.5	1-1.5	1	Stitching			Piece was not available for research.
b1930/12.34/1	low-medium	low-medium	0.5-0.75	0.5	2	Embroidery	10c, 4a, 14	4a & 10c: blanket stitches every 5mm, Sewing thread 2zS, 0.75 (red?). Decorative stitch: 2zS 1mm. 14: hem secured with blanket stitches every 4-5mm and row of back stitches every 3mm.	Embroidery: heavy braid chain stitch.
b1930/12.34/2	medium	medium	0.5-0.75	0.5-0.75	1	Embroidery			Stripes have been stitched on every 1.5 cm (roughly interspaced). Stitches: whip stitches 3-5mm. Sewing thread: 2zS, 1.5mm. Fabric looks like Ezing-fabrics. Find circumstances are not certain!
GM1939 / IV:13/1					1	Various stitching			Pillbox-cap or -hat. This SFnr. is the upper part of the hat, consists of 2 equal parts. B1930/12.34/2 is side panel of same hat. Upper part of hat consists of 2 equal parts, length 17 cm, total width of upper part 13 cm.
GM1939 / IV:13/2					1				See b1930/12.34/1, weave is much more regular than b1930/12.34/1, different fabric.
1939/IV:13/3					3				Cap: consist of 2 parts sewn together at the front and back. Crown is attached to sides with 5mm wide (whip) stitches. Seam allowances are secured on inside with 5mm wide stitches. Bottom seam is folded twice and coarsely secured with whip stitches
a1934/11.7	(low)low-medium	(low)low-medium	1.5	1.5	2				2nd side of hat, see 939/IV:13/1 for further details
00049-1	medium	low	0.5	0.5-0.75	1	Various stitching	14d	Whip stitches every 8-10mm, sewing thread z 1mm	Crown of hat, consists of 3 strips. See 939/IV:13/1 for further details.

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
00049-2	Middelburg	Wool	2/2 diamond twill	20-22x12	z/s	Diamond twill, pattern repeat 12/10	selvage on 4 fragm- ents. Along 1 selvage a thick s-twined thread is worked irregularly into the fabric. The other selvages are made of 5 weft reads l.brown 2zS, 1mm. Weft goes directly back into the weave.				black	17x20
00049-3, -4 & -5	Middelburg	Wool	2/2 cross twill (Kreuzköper)	8x6	z/s	cross twill (Kreuzköper), Pattern repeat 4/4	00049-3 has a selvage: weft goes directly back into fabric, no re-inforced selvage.		thick, dense fabric	a bit irregular weft	brown	15.5x17, 13.5x6, 11x8
00049-6	Middelburg	Wool	2/2 cross twill (Kreuzköper)	11x8	z/s	cross twill (Kreuzköper), pattern repeat 4/4			regular	a bit irregular	brown	12x23
00049-7 & -8	Middelburg	Wool	2/2 cross twill (Kreuzköper)	8x9	z/s	cross twill (Kreuzköper), pattern repeat 4/4	1 selvage: not re-inforced, weft goes directly back into fabric.		regular	regular	brown	8x9; 13x13
00049-9	Middelburg	Wool	2/2 cross twill (Kreuzköper)	12x?	z/s	cross twill (Kreuzköper), pattern repeat 4/4			regular	irregular	brown	6.5x17
00049-10	Middelburg	Wool	2/2 cross twill (Kreuzköper)	16x6	z/s	cross twill (Kreuzköper), pattern repeat 4/4			regular, dense	regular	brown	16x10
00049-11	Middelburg	Wool	2/2 cross twill (Kreuzköper)	12x8	z/s	2/2 cross twill (pattern repeat 4/4)			regular	regular	light brown	12x39
00049-12	Middelburg	Wool	2/2 diamond twill	10x8	z/s	diamond twill, pattern repeat not visible due to rips in fabric				regular	light brown	7x7

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
00049-2	medium	low-medium	0.3-0.5	0.75	8	Various stitching		running stitches, length 4mm. Sewing thread 2zS, black.	Fabric is nearly fallen apart, weave could not be analysed. Fabric seems similar to Ezinge-fabrics.
00049-3, -4 & -5	medium	low	1	1-3	3	Seam	13a, 14a	13a: whip stitches every 1cm. Sewing thread z 1.5mm.; 14a: whipstitches every 1cm. Sewing thread double thread z, 0.75-1mm.	Part of sleeve.
00049-6	low-medium	low	0.5	1-1.5	3	Seam	3	sewing thread: 3 threads z-spun 0.75mm	6 small fragments sewn together. 2 fragments sewn together in tube. All pieces remains of sleeve. 6 fragments consist of 2 side panels and 1 gusset sewn in between. One of the side panels consists of several pieces sewn together. After that gusset was sewn.
00049-7 & -8	medium	low	0.5-0.75	1	2	Various stitching			
00049-9	medium-high	medium-high	0.75	1-1.25	1	Hem	14a	whip stitches every 8mm. Sewing thread: 2zS.	3 fragments sewn together: middle fragment is gusset.
00049-10	medium	high	0.5-0.75	1	1			Sewing thread double thread z, 0.5mm.	Remains of sewing thread 2zS (1,5mm) in long running stitches along warp.
00049-11	medium	low-medium	0.5	1.25	1				
00049-12	medium	medium-high	0.5-0.75	1	1	Various stitching			

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SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
00049-13	Middelburg	Wool	2/2 diamond twill	20x12	z/s	diamond twill, pattern repeat 12/10			very fine and regular	regular	dark brown	3x9
00049-14	Middelburg	Wool	2/2 diamond twill	20x14	z/s	diamond twill, pattern repeat 12/10			very fine and regular	regular	brown	11x4 - 18x18
00049-15	Middelburg	Wool	2/2 diamond twill	18x13-14	z/s	diamond twill, pattern repeat 12/10			a bit irregular	a bit irregular	dark brown	32x12
V. Giffen, nr.784	Ooster-wijtwerd	Wool (fine)	2/2 plain twill	5x5-6	2zS/ 2zS				regular	regular	light brown	24x27
b1913/ 11.233	Ooster-wijtwerd	Horse hair	Tabby	10x8	z/z							
Rasquert _z.n.4	Rasquert	wool	2/2 herringbone/ chevron twill	7x7	z/s	chevron twill, pattern repeat 52			regular	regular		16x11
Rasquert _z.n.1	Rasquert	Wool	2/2 diamond twill	12-13x8	z/s	diamond twill, pattern repeat 24/18			regular	regular	dark brown	10x16
Rasquert _z.n.2	Rasquert	Wool	2/2 diamond twill	14x11	z/s	Diamond twill, pattern repeat 24/18			regular	regular	dark brown	10x10 - 16x10
Rasquert _z.n.3	Rasquert	Wool	2/2 plain twill	?x?	z/s				dense	regular	dark brown	
GM1928 /VIII:1	Rasquert	Wool	2/2 diamond twill	17x9	z/s	diamond twill						
Z.n.1	Sellingen/ Zuidveld	Wool	2/2 diamond twill	10-11x10	z/z	diamond twill, pattern repeat 20/18			irregular	irregular	red brown	15x15
Z.n.2	Sellingen/ Zuidveld	Wool	2/2 diamond twill	9-10x 8-10	z/z	diamond twill, pattern repeat 20/18	Selvedge in table tweave (3 tablets). Weft threads have been knotted together outside table tweave and not sewn back into the fabric.		regular	regular	redbrown (originally white)	9x14; 24x33
Ulrum	Ulrum	wool	2/2 lozenge twill	6x6	z/s				regular	regular	light brown	

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
00049-13	medium	medium	0.5	0.5	1				
00049-14	medium	medium	0.5	0.5-0.75	5	Hem	13a	small whip stitches that are not visible on the outside. Sewing thread 3 single threads z 0.5mm.	Remains of black sewing thread along 1 side = remains of seam or hem. Sewing thread 2zS 1.5-2mm.
00049-15	medium-high	low-medium	0.5	0.5	1				
V. Giffen, nr.784	low twist, medium twine	low twist, medium twine	1.5	1.5	1				
b1913/11.233					1				Has same properties as 00049-14 but is less regularly made.
Rasquert _z.n.4	medium-high	medium	1.5	1.5	1				Very frayed and decayed. Weave looks similar to Ezinge-weaves.
Rasquert _z.n.1	medium	medium	0.75	0.5-0.75	1	Various stitching	14a	Whip stitches every 1.5cm. Sewing thread: 2zS, 2mm.	Schleiergewebe; threads plied from 2 hairs. Fabric not in collection RMO any more
Rasquert _z.n.2	medium	medium	1	1	5	Seam	10a, 10b	Stitch length 5mm; Sewing thread: 2zS, 1mm.	
Rasquert _z.n.3	medium	low	1	1	1	Seam			Fabric is sewn together with Rasquert z.n.3. Description seam: see z.n.3
GM1928 / VIII:1					1	Various stitching	5		
Z.n.1	medium-high	medium-high	0.3-0.5	0.5-1	1				
Z.n.2	medium-high (overtwist)	medium-high (overtwist)	0.75-1	0.75-1	2	Attachment			Cap consists of crown (2 parts) and a peak at the front. Bottom seam: 8mm seam allowance folded back and sewn on the inside with whip stitches. Seam is further stitched down with a row of back stitches at 2 mm from the bottom of the seam. Crown and peak are attached with decorative stitches in red yarn, S-twined.
Ulrum					1	Seam			Z.n.2 is sewn onto this pieces

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SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
G2008-1.8	unknown, prov. Groningen	wool	2/2 plain twill	12x8	2zS/ 2zS				regular	regular	brown	2x2 - 10x15
1921/1.75	Westeremden	Wool	2/2 diamond twill	14-15x12	z/s	diamond twill, pattern repeat 20/18			fine, regular	regular	brown	16x25
1921/1.76a	Westeremden	Wool	2/2 diamond twill	12x10	z/s	diamond twill, pattern repeat 16/18			irregular	irregular	brown	13x14
1921/1.76b	Westeremden	Wool	2/2 diamond twill	12-13x10	z/s	diamond twill, pattern repeat 20/26	Tubular selvedge		fine, regular	a bit irregular	Brown	8x13
1921/1.76c	Westeremden	Wool	2/2 plain twill	8x6	z/s				coarse, but regular	regular	Brown	2.5x13
1921/1.77	Westeremden	Wool	2/2 diamond twill	9x7	z/s	diamond twill, pattern repeat 24/18			irregular, dense	irregular	Brown	9x9
1930/1	Westeremden	Wool	2/2 diamond twill	8x7-8	z/s	diamond twill, pattern repeat 20/18. Warp and weft have different color which makes the diamond pattern very clearly visible.	Tubular selvedge (12 threads).		regular	irregular	brown	6x8; 5x12
1930/2a	Westeremden	Wool	2/2 diamond twill	10x8	z&s/s	Diamond twill, pattern repeat 20/18 Spin pattern in warp: ... 4s-3z-2s-2z-4s-2z-2s-2z-4s-2z-36s...			dense	regular	brown	12x11 (2x)
1930/2b	Westeremden	Wool	2/2 diamond twill	16x12	z/s	diamond twill, pattern repeat not visible.		dyed brown (Schlabow 1976)	fine weave	regular	brown	2x3

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
G2008-1.8	low twist, medium-high twine	low twist, medium-high twine	0.7	0.7	8	Stitching			Piece is attached onto z.n.1. Edges are roughly folded back and attached with small but widely spaced whip stitches (every 1.4cm). Sewing thread: single z-spun, 1mm, red brown. On top of this piece an oval fragment (4x6) has been sewn (which is now nearly gone). Only whipstitches and a few threads remain. Sewing thread: light brown 2zS, 1.5mm. Whip stitches every 7-8mm
1921/1.75	medium-high	low-medium	0.5	0.5	2	Seam	6a	Sewing thread: 2zS, 1.5 mm.	Remnant of seam: edge is folded 3 times. Sewing thread nearly all disappeared. Very badly preserved, fragile.
1921/1.76a	medium-high	medium	1-1.5	1	1	hem	14a	Whip stitches every 1cm. Sewing thread 1mm 2zS, wool.	Every 1.5 cm a decorative row of stitches is applied with 2zS thread 2mm wool. Frayed and decayed.
1921/1.76b	medium-high	medium	0.75	0.75	1	Attach-ment		Whip stitches every 7mm. Sewing thread: wool, 1.5mm, 2zS.	2 pieces of same fabric sewn together. Both pieces have warp and weft in same direction: fabrics are sewn on the straight.
1921/1.76c	medium-high	medium	1	1	1	Seam	9	Whip stitches every 8-9mm. Sewing thread: wool, 2zS, 1.5mm.	
1921/1.77	medium	low	1.5	1-1.5	1				Piece is sewn onto 1921/176a (repair piece)
1930/1	medium-high	low-high	1	1	2				
1930/2a	medium-high	medium-high	0.5	0.5	2	Various stitching	13a	Whip stitches every 0.7cm. Sewing thread 2zS (high twine), 1mm, wool.	
1930/2b	medium	medium	0.3	0.75	1	Attach- ment			

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SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
1930/2c	Westeremden	Wool	2/2 diamond twill	8x8	z/s	diamond twill, pattern repeat not visible. Warp and weft have different colors.			regular, dense	regular	warp: lightbrown, weft: darkbrown.	6x4; 9x4
1930/2d	Westeremden	Wool	2/2 diamond twill	8x8-9	z/s	diamond twill, pattern repeat 20/18			regular	a bit irregular	dark brown	13x21
1930/3a	Westeremden	Wool	2/2 diamond twill	10x10	z/s	diamond twill, pattern repeat 28/18	Starting border in tablet weave (3 cards)			regular	brown (originally light wool)	3x3 - 10x20
1930/3b	Westeremden	Wool	2/2 diamond twill	10x7-8	z/s	diamond twill, pattern repeat 20/18			fine, regular	regular	black	
1930/3c	Westeremden	Wool	2/2 diamond twill	7x8-9	z/s	diamond twill, pattern repeat 28/18. Pattern very well visible due to difference in color in warp and weft.				regular	Warp: light, weft: darkbrown	
1930/4	Westeremden	Wool	2/2 plain twill	17-18x11-12	z/s				fine, regular	regular	dark brown-black	5x6; 6x4
1930/5a	Westeremden	Wool	2/2 diamond twill	16x10-12	z/s	diamond twill, pattern repeat 20/18			fine, regular	regular	dark brown	12x15; 15x10
1930/5b	Westeremden	Wool	2/2 plain twill	10x8	z/s				regular	regular	brown (originally light wool)	9x5
1930/6a	Westeremden	Wool	2/2 diamond twill	8x7	z/s	diamond twill, pattern repeat 20/18			regular, dense	irregular	brown (originally light wool)	11x8
1930/6b	Westeremden	Wool	2/2 diamond twill	8x8	z/s	diamond twill, pattern repeat 20/18			regular	irregular	brown	10x2
1930/7	Westeremden	Wool	2/2 diamond twill	12-13x11	z/s	diamond twill, pattern repeat 20/18			regular	regular	brown	20.5x23.5

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
1930/2c	high	low	1	1	2	Attachment			1930/2b & c are sewn onto this piece.
1930/2d	medium	medium	0.75-1	0.75	1	Hem	14a	Sewing threads not visible because fabric is mounted on cardboard.	Small repair piece, sewn onto 1930/2a with whip stitches. Fragment is not sewn on the straight but at a 45° angle. Sewing thread: double thread 1mm, s-twisted (low).
1930/3a	medium	medium	1	1	8	Various stitching	6b, 14a	6b: sewing thread 2zS, 1mm. 14a: sewing thread double thread s-twisted, 1mm.	Pieces are sewn onto 1930/2a. Edge of 1.5 cm is folded outward and pieces are sewn onto main fabric with running stitches of 4mm. Sewing thread is same as hem of 1930/2a.
1930/3b	high	low-medium	0.5	0.75	1	Attachment			
1930/3c	medium	low-medium	1	1	1	Hem	15c		
1930/4	medium	medium	0.5	0.5	2	Seam	10b	Stitches every 5mm, sewingthread: 2zS, 1mm.	Piece is sewn onto 1930/3a. Edges are folded inward and piece is attached with whip stitches every 8mm. Sewing thread: 2zS, 1.5mm wool.
1930/5a	medium-high	medium	0.5-0.75	0.75-1	2	Various stitching	15a	small whip stitches every 5mm. Sewing thread 2zS (high twine), 1-1.25mm.	
1930/5b	medium	medium	1	1	1	Attachment			
1930/6a	medium-high	low-medium	0.75-1.5	0.75-1.5	1				Edge is tightly rolled inward, creating a very narrow hem of 6mm.
1930/6b	medium	medium	0.5-1.25	0.75	1	Hem	13a	Hem 0.5cm wide. Whip stitches every 0.5-0.8cm. Sewing thread: 2zS, dark brown, coarse fibres. Low twist and twine, 2mm thick.	Piece is sewn onto 1930/5a
1930/7	medium	medium	0.5	0.5	1	Attachment			

CLOTHES MAKE THE MAN

SF No	Site	Fibre	Weave	Thread Count	Spin	Pattern	Borders	Dye	Quality weave	Quality spinning	Color	Measure-ments (cm)
1930/8a	Westeremden	Wool	2/2 diamond twill	9x8-10	z/s	diamond twill, pattern repeat 32/30	Tubular selvedge (10 threads).		many faults, dense	regular	dark brown-black	21x16
1930/8b	Westeremden	Wool, hairy, originally black	2/2 diamond twill	12x9	z/s	diamond twill, pattern repeat not visible due to bad preservation of fabric		no dye detected	a bit irregular	regular	black	
1930/9	Westeremden	Wool	2/2 diamond twill	11x10	z/s	diamond twill, pattern repeat 24/18			regular, dense	a bit irregular		24x30
1930/10	Westeremden	Wool	2/2 diamond twill	11x9	z/s	diamond twill, pattern repeat 20/18			regular, dense	irregular	dark brown	21x15
1926/IX.29a	Westeremden	Wool	2/2 herringbone/chevron twill	7-8x6-7	z/s	Chevrontwill, pattern repeat 52			irregular	irregular	brown	17x18; 13x18
1926/IX.29b	Westeremden	Wool	2/2 diamond twill	11-12x10	z/s	diamond twill, pattern repeat 14/10 (?)			irregular, dense	irregular	brown	5x5 - 9x10
z.n.	Westeremden	Wool	Tabby	8-10x6	z/s				coarse, irregular	irregular	dark brown	19x9
1909/VII	Wierhuizen	Wool	2/2 diamond twill	10x8	z/s	fragment is too decayed to analyse the pattern repeat.			fine weave	bit irregular, thick and thin threads	black	10x10

APPENDICES

SF No	Twist X	Twist Y	Thickness X (mm)	Thickness Y (mm)	N fragm.	Stitching	Type seam/hem	Details sewing	Comments
1930/8a	medium-high	medium	0.75-1	1	1	Attachment			
1930/8b	medium	medium	0.75-1	0.5-0.75	2	Various stitching			See 1930/8b
1930/9	medium-high (overtwist)	low	0.5-0.75	0.5-1	1				See 1930/8b
1930/10	low-high	low-medium	0.5-1	0.5-1	1	Hem	13a	hem 1.5 cm wide. Sewing thread not visible	1930/8b is main fabric but repaired several times. Pieces are attached with a row of whip stitches
1926/IX.29a	medium-high (overtwist)	low-medium	1-2	1-2	2	Hem	14a	Whip stitches every 1-1.5cm. Sewing thread double thread, s-twisted, low twist, 0.5mm.	
1926/IX.29b	medium-high (overtwist)	low-medium	1-1.5	0.75-1	3	Seam	8a	Whip stitches every 5mm, running stitches (length 3-4mm). Sewing threads: 2zS, 1.5mm and double thread s-twisted, 0.75mm.	
z.n.	low-medium	low-medium	1-1.5	1.5	1				
1909/VII	medium-high	medium-high	0.5-1	0.5-1	1				