

## Inspection certificate MeshCheck

according to ISO 3310-1

<b>Measure protocol no.</b>	TEST				
<b>Order</b>	TEST	<b>Order date</b>	11/26/2008		
<b>Analysis mesh no.</b>	TEST	<b>Frame diameter</b>	TEST	<b>Frame material</b>	stainless steel
<b>Mesh acc. norm:</b>	ISO 3310-1				
<b>Customer mesh no.</b>	TEST	<b>Weave:</b>	Plane weave	<b>Mesh material:</b>	stainless steel
<b>Nominal aperture size</b>	63 micron	<b>Nom. wire diameter</b>	45 micron	<b>measurements so far</b>	TEST

### Certificate 5.3.2 acc. ISO 3310-1

First inspection new mesh  
 First inspection used mesh  
 Reiteration inspection

Certificate of Conformity 1  
 Inspection certificate B acc. DIN EN10204  
 Calibration certificate 3

**Measure procedure:** optical procedure MeshCheck  
Theoretical measure precision:

Measure system: CIL-3x  
1 Pixel = 1,0 micron

### Overall result:

**Overall result: The weave does NOT comply with ISO 3310-1**

### Results of each inspection procedure

1 - Visual inspection of mesh condition OK  
2 - Inspection of too big openings not OK

3 - Measurements of values for  
\* mean mesh opening (w) for tolerance (Y) not OK  
\* Std. dev. for tolerance s0 OK  
\* mean wire diameter (d) not OK

### Results in detail

No. of measured fields:	5	Minimum acc. to 5.2 testing method 3:	2
No. of measured openings	120		0

#### Measure results mesh

	Mean value	Std. dev.	Min	Max
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#### Tolerances acc. ISO 3310-1

	Mean value from	Mean value to	Std. dev.	Min	Max
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Mesh opening warp:	158,3	2,0	154,9	161,8	59,3	66,7	9,9	89,0
Mesh opening weft:	160,8	3,8	155,3	167,6	59,3	66,7	9,9	89,0
Wire diameter warp:	102,3	0,2	102,0	102,6	45,0			38,0 52,0
Wire diameter weft:	97,8	0,4	97,0	98,7	45,0			38,0 52,0

Weave angle:	90,2°
Open area:	37,4 %

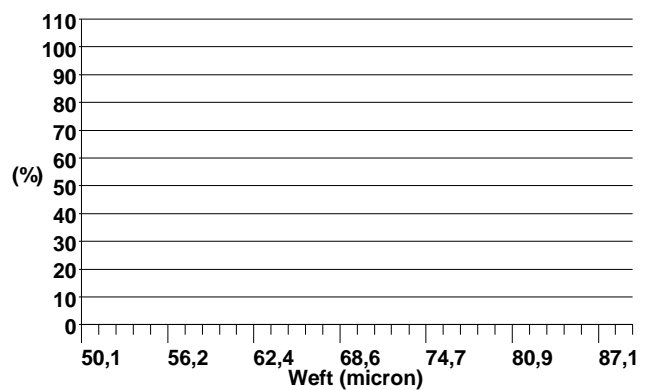
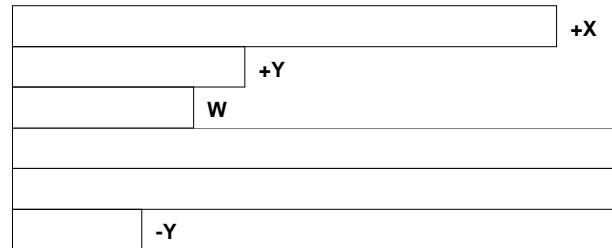
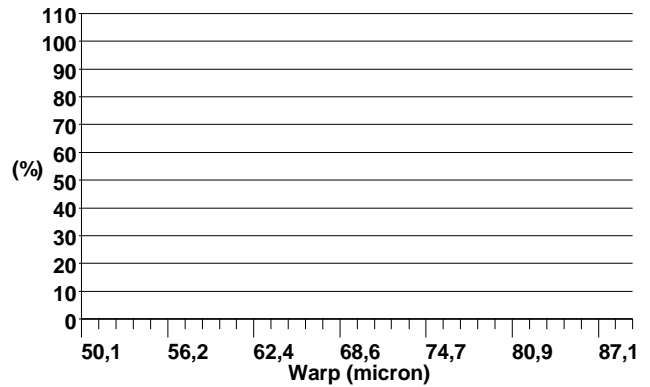
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Measure protocol no. TEST

**Upper limit of a class and number of mesh openings in this class**

Class	Warp		Weft	
	Count	Percent	Count	Percent
50,1	0	0,0	0	0,0
51,3	0	0,0	0	0,0
52,5	0	0,0	0	0,0
53,8	0	0,0	0	0,0
55,0	0	0,0	0	0,0
56,2	0	0,0	0	0,0
57,5	0	0,0	0	0,0
58,7	0	0,0	0	0,0
59,9	0	0,0	0	0,0
61,2	0	0,0	0	0,0
62,4	0	0,0	0	0,0
63,6	0	0,0	0	0,0
64,9	0	0,0	0	0,0
66,1	0	0,0	0	0,0
67,3	0	0,0	0	0,0
68,6	0	0,0	0	0,0
69,8	0	0,0	0	0,0
71,0	0	0,0	0	0,0
72,3	0	0,0	0	0,0
73,5	0	0,0	0	0,0
74,7	0	0,0	0	0,0
76,0	0	0,0	0	0,0
77,2	0	0,0	0	0,0
78,4	0	0,0	0	0,0
79,7	0	0,0	0	0,0
80,9	0	0,0	0	0,0
82,1	0	0,0	0	0,0
83,4	0	0,0	0	0,0
84,6	0	0,0	0	0,0
85,8	0	0,0	0	0,0
87,1	0	0,0	0	0,0
88,3	0	0,0	0	0,0
89,5	120	100,0	120	100,0



We confirm, that the used measure tools are calibrated.  
 EDP provided certificate - valid without signature. The factory expert. (- / -)