



AITEX FABRIC IMAGE DATABASE

The textile fabric database consists of 245 images of 7 different fabrics. There are 140 defect-free images, 20 for each type

Images have a size of 4096×256 pixels. Defective images have been denominated as follows: nnnn_ddd_ff.png, where nnnr

There is a mask of defect, denominated as: nnnn_ddd_ff_mask.png, where white pixels represent the defect area of the def

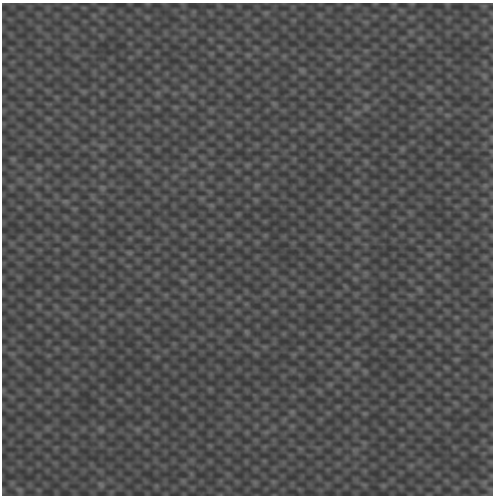

Defect free images have been denominated as follows:

nnnn_000_ff.png, where defect code has been replaced by 0000 code.

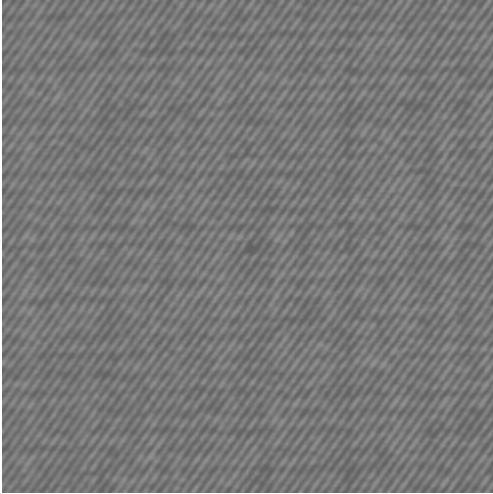
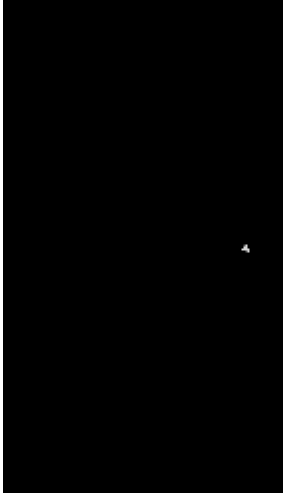
Defect Codes used in the database:

Broken end	2	Broken yarn
Broken pick	10	Weft curling
Fuzzyball	19	Cut selvage
Crease	23	Warp ball
Knots	27	Contamination

Defect free images 15 and 08 of fabrics types 00 and 03 (only an area of 256×256 is shown)

	
0015_000_00.png	0008_000_03.png

Defect 19 on fabric 02 and its mask (only an area of 256×256 is shown)

	
0030_019_02	0030_019_02_mask

Links: (this links will be available after the publication of paper)

defect_images.zip

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mask_images.zip

Please, if you use this images and the rest of information in your research, we kindly ask that you reference our paper:

AFID: a public fabric image database for defect detection.

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