SMOOTHING FABRIC

BASIC FREQUENCY SEPARATION



FREQUENCY SEPARATION

WHAT IS IT?



Frequency separation offers increased **precision** and **control** when you are retouching by separating the texture in the image from the color and tone, allowing you to deal with each independently of the other.

With frequency separation you can add, remove, or modify texture without affecting the image's tone and color, **or** modify the color and tone without affecting the texture. The surgical control you get with this technique gives you quality and speed well beyond the results you get from Photoshop's traditional retouching tools.









BLUR LAYER Low Frequency

- Duplicate the Background Layer and rename it "Blur"
- (With Blur layer selected) Menu Bar > Filter > Blur > Gaussian Blur
- The amount of blur will depend on the image size: Larger file size = Higher Blur Radius

Gaussian Blur

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Pixels

17%

The blur should obscure fine details but overall shapes should remain recognizable.

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Radius: 7





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GREY LAYER High Frequency

Duplicate the Background Layer again and rename it "Grey" (Grey layer should be above Blur layer)

(With Grey layer selected) Menu Bar > Image > Apply Image

Layer field should be set to the Blur layer

Blending field should be set to Subtract

Scale Field should be set to 2

Offset field should be set to 128

THESE SETTINGS WILL ALWAYS BE THE SAME FOR EVERY 8 BIT IMAGE

A	pply Image	
Source: Untitled-1	~	ОК
Layer: Blur	~	
Channel: RGB	 ✓ Invert 	Cancel
Target: Untitled-1 (Grey, RC	3B)	Preview
Blending: Subtract	~	
Opacity: 100 %	Scale: 2	
Preserve Transparency	Offset: 128	
Mask		





low frequency: blur layer

high frequency: grey layer

RETOUCHING



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AFTER creating basic FREQUENCY SEPARATION, create a NEW BLANK pixel layer called : PAINT



PAINT ON LAYER-SMUDGE BLUR



Layers
Channels

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Image: Channels

Normal
Opacity: 100% Image: Channels

Normal
Opacity: 100% Image: Channels

Lock:
Image: Channels

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Image: Channels
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CLONE ON GREY LAYER



IMPORTANT:

make sure when you are cloning, that you have tool set to: CURRENT LAYER



FREQUENCY SEPARATION



GREAT TECHNIQUE TO Clean up wrinkles on Pants

RETOUCHING





FREQUENCY SEPARATION

1.Liquify used to even out the OUTER lines of pants.

2. Use Frequency Separation

3. Make a new blank pixel layer and PAINT to remove wrinkles.

4. COPY the GREY LAYER- put it on NORMAL MODE.

5. Group that GREY copy to the BASE grey.

6. Use the CLONE or HEAL tool to remove wrinkles lines.

RETOUCHING

COMPLICATED BY POSSIBLE





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Layer	·s
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•	Basic Frequency Separation
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•	grey.
٥	PAINT
٥	blur
•	Background