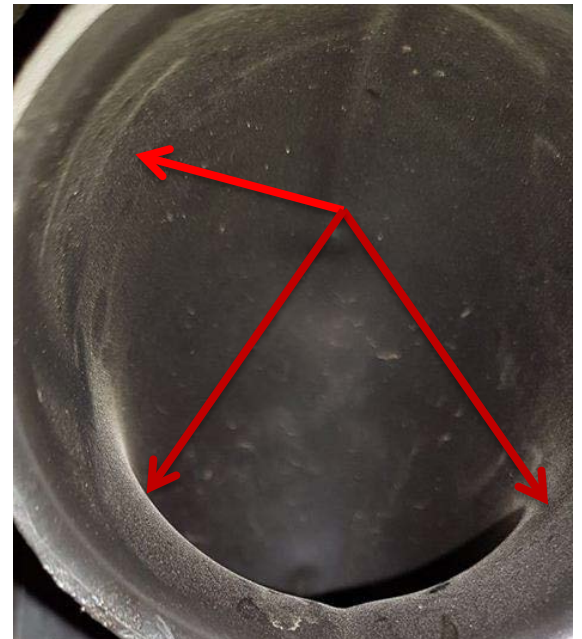


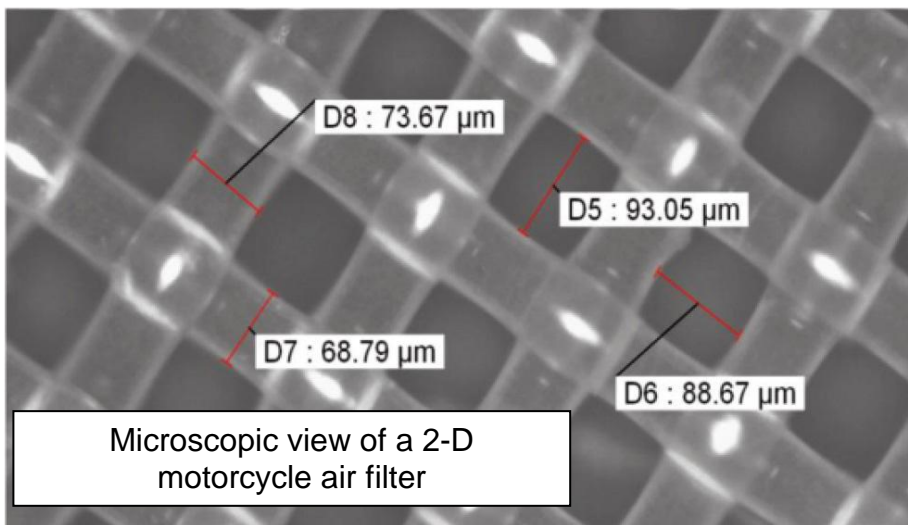
Here's an example of a filter taken from a BMW F800GS air box. It was ridden 2600 km on a dusty road in Italy. Before the photo was taken the bike had a full service and received a brand-name original product Cotton Sport/Street Filter.



You can see the dirt that passed thru the filter and stuck to the inside of the intake manifold. That manifold should be perfectly clean. If it's not that means the filter has failed.

Fine and middle sized dust particle went through the filter, went inside the AIRBOX, and down the intake manifold. **THIS IS NOT ACCEPTABLE.** Yes the filter passed plenty of air (really far too much) and at the same time it passed plenty of dust too. Would you want this in YOUR engine? You tell me.

Both Cotton and Foam based filters belong to the 3D layer filtration technology; let's talk about 2D filtration technology.



Least but not last, my trusted tea leaves sieve concept, the only 2D technology example in the lot/market.

In this case magnification is only 10x, and yet you can see what kind of holes we are talking about

The grid in this case is smaller and more precise, you can see plenty of technology here, but still, the holes will let big particles

safe and clean.

This filter has been designed to take you around the world and back, to the longest tour of your life, for your commuting and/or simply rides, not for race on the track, we have designed a real tough media for real tough life.

We have not talked about BETA ratio..... this will come in the second part of the article.

Stay tuned



The logo for GUALAtech features a yellow circle on the left containing a stylized 'U' and a blue water droplet. The text 'Advanced Fuel Filtration' is written in a white arc above the circle. To the right, the brand name 'GUALAtech' is displayed in a large, white, sans-serif font with a registered trademark symbol. Below the brand name, the slogan 'Don't Fear IT, Filter IT ...' is written in a bold, orange, italicized font. At the bottom right, there is a white rectangular box containing a 3x3 grid of characters: Z Z Z, J X J O D, W H; Z Z Z, J X J O D, W H; Z Z Z, J X J O D, W H.

Z	Z	Z	J	X	J	O	D	W	H
Z	Z	Z	J	X	J	O	D	W	H
Z	Z	Z	J	X	J	O	D	W	H