



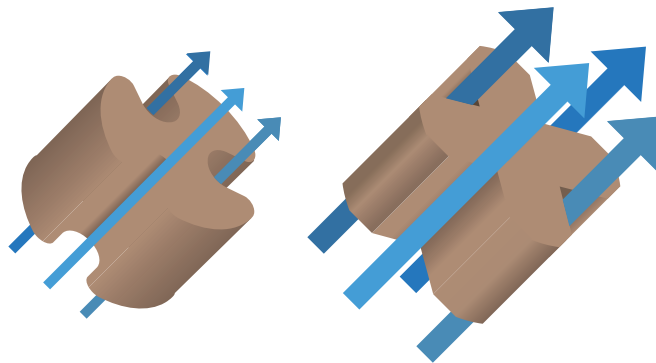
NEO MEDIA QUAD

2023

# X QUAD



Compared to previous Neo Media, the new Neo Media “Quad” has doubled the area where water can flow. If water flow is better, aerobic bacteria increase, eliminating toxic substances such as ammonia more quickly.





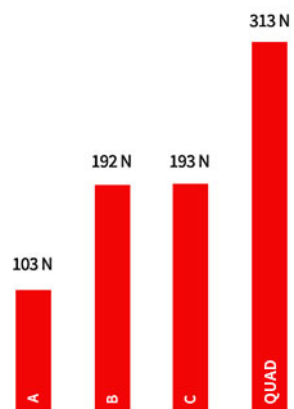
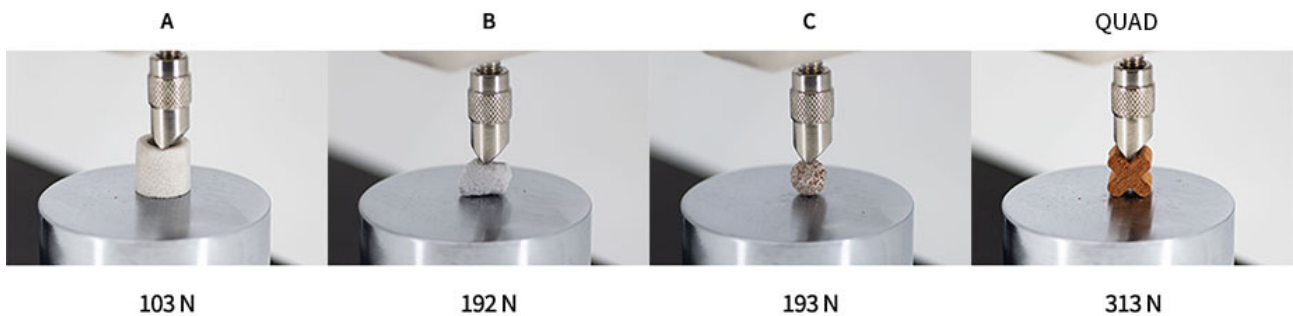
The size, shape and color of the actual filter media may vary slightly.

**Surface area : about 3,200 m<sup>2</sup>/liter**

The filter medium must provide a large space for a variety of bacteria to live.  
This is because the filtration space is limited and the filtration efficiency must be maximized in the limited space.  
The number of bacteria that can be cultured is proportional to the area.



## Neo media QUAD strength test



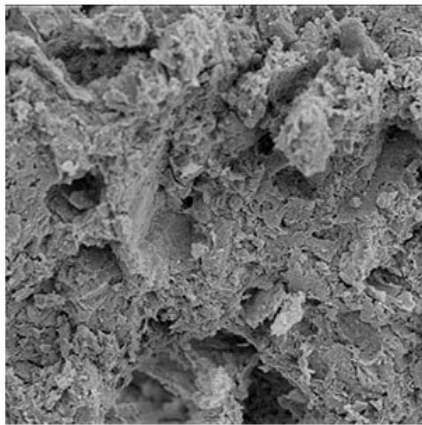
[Filter strength test results]

If filter media break easily, it is very not good in terms of filtration efficiency as well as maintenance. But Neo Media maintains adequate strength for manufacturing at high temperatures for long time in electric Kiln.

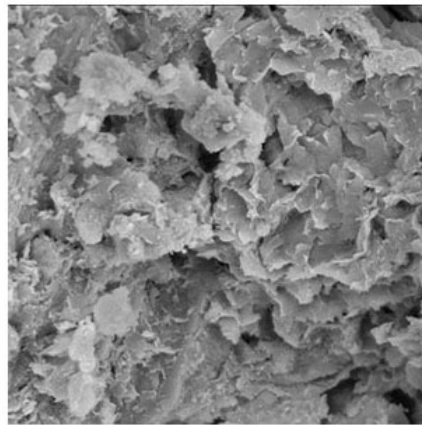
## More fine pores than before

While many existing filter media create pores with gases from a chemical reaction between calcium carbonate and acidic substances, Neo Media creates pores by baking it like a ceramic bowl at very high temperatures.

Neo Media became lighter through major process improvement. The lighter weight of the filter medium means that it has more pores compared to existing products.



X300



X2000



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