

AFM[®]

ACTIVATED FILTER MEDIA

DIN GRADE



NEW SINGLE GRADE MEDIA!

To achieve the best filtration in standard small swimming pool type filters, Dryden Aqua has developed the **AFM[®] DIN Grade**. Far superior to conventional pool sands, even in hydraulically limited, small filters with diameters of < 800mm (33 inches).

The major benefits of the AFM[®] DIN Grade:



Same bacterial resistant properties as all our AFM[®]



One grade media for the filter



Large holding capacity of solids (6000g/m²)*

*Compared to AFM Grade 1

High filtration efficiency

AFM[®]s DIN Grade **filters to 8 microns @ 20m/h (8gpm/ft²)**

AFM[®]ng DIN Grade **filters to 4 microns @ 20m/h (8gpm/ft²)**



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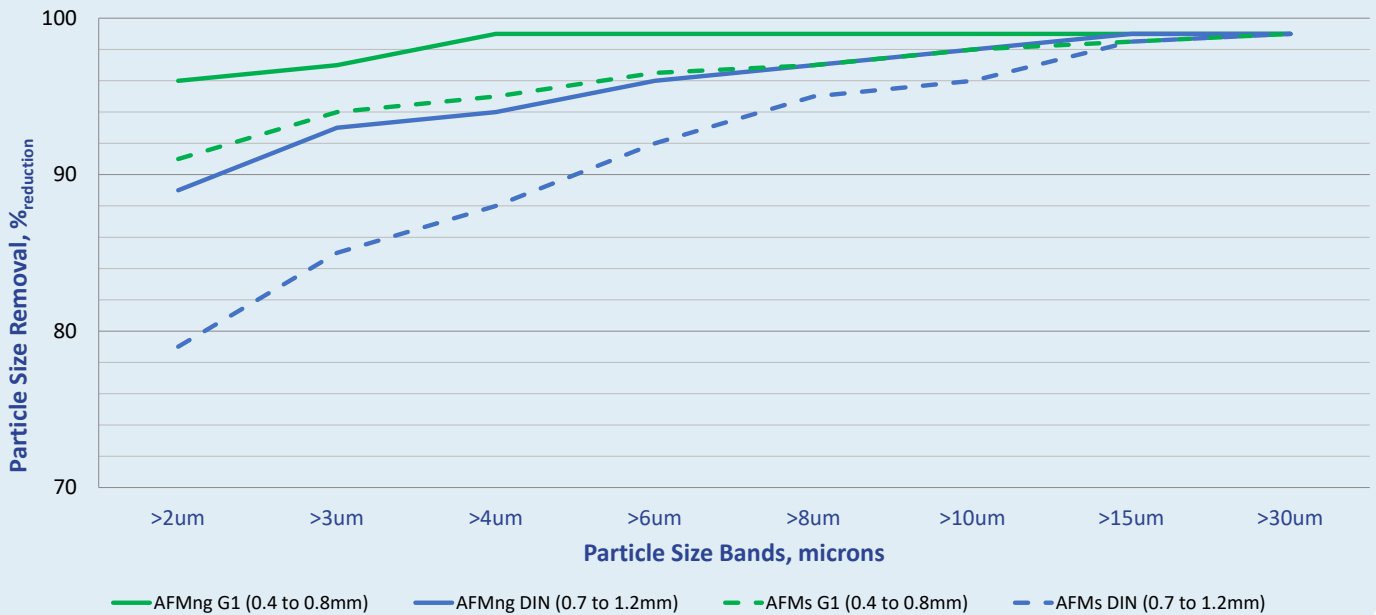


Filtration & Backwash Performance

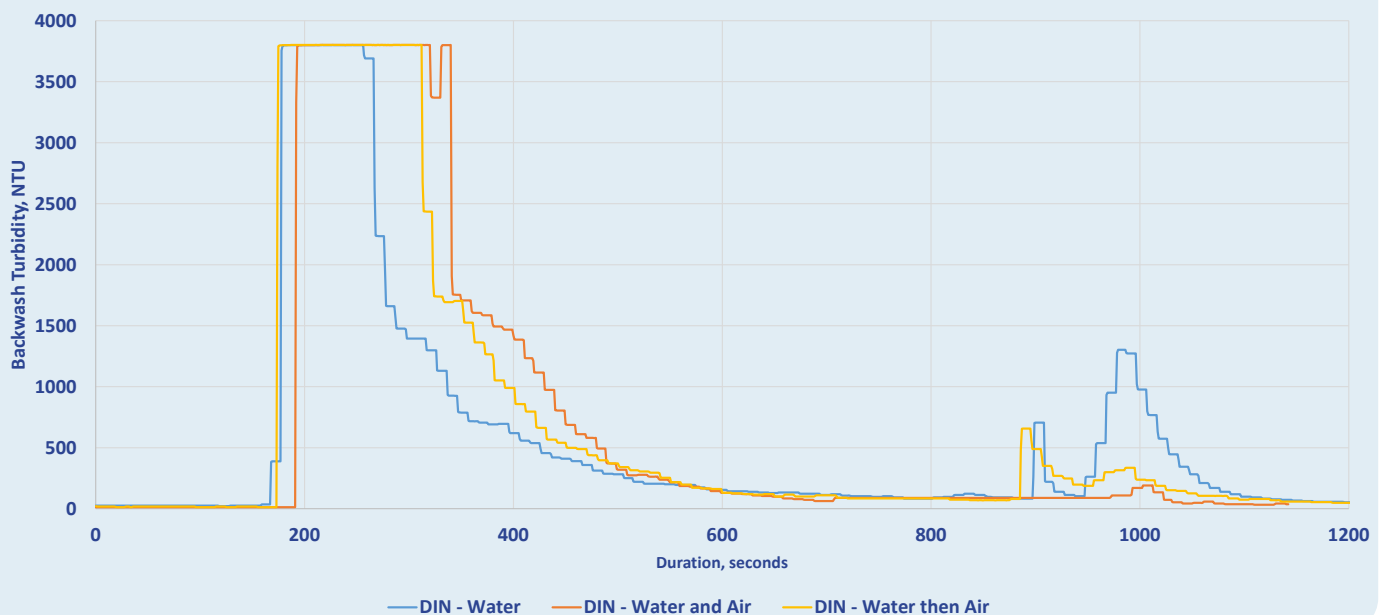
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While AFM[®]s DIN and AFM[®]ng DIN may not match the performance of their Grade 1 counterparts, they still deliver remarkable results for their grain size. As shown below, sand of a similar size typically filters down to 20 microns—whereas AFM[®]s DIN achieves an impressive 8-micron filtration. **Even in smaller filters, AFM[®] surpasses standard pool sand, delivering significantly superior water quality.**

Filtration Performance at 20 m/h



AFMng DIN: Backwash Efficiency Curves



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Grade DIN is not only limited to use in small filters but can also be used with confidence in large filters where similar sand grain sizes are currently being used. **However, it is crucial to achieve a backwash velocity of >50 m/h (m³/h/m²) or 20 gpm/ft².**