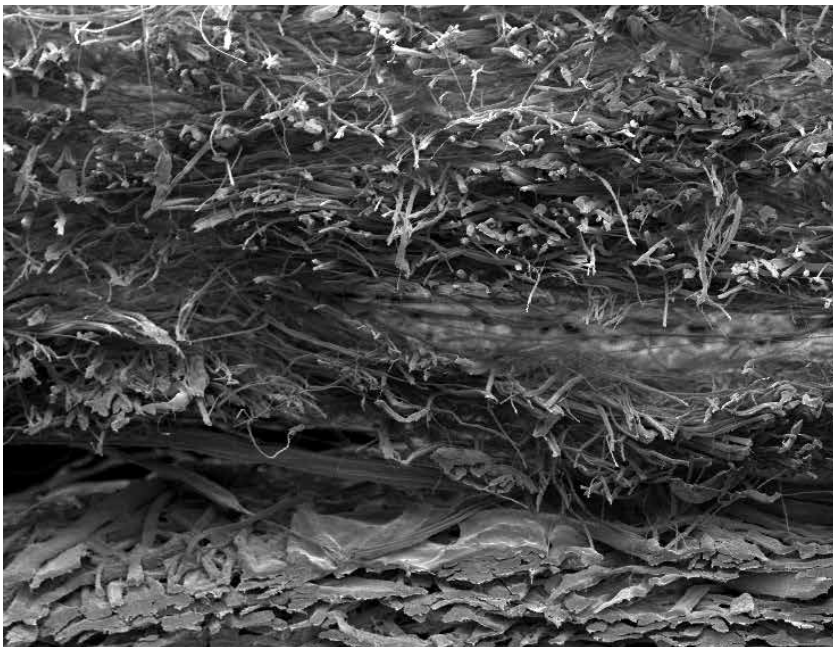
Donaldson
FILTRATION SOLUTIONS

Synteq™ Media Technology

For Fuel Filtration



Donaldson Synteq™ fuel filter media shown at 100x magnification.

Donaldson has a filter media technology specially formulated for high performance water separation. Filters with Synteq Media Technology give your engine fuel pumps and injectors a higher level of protection.

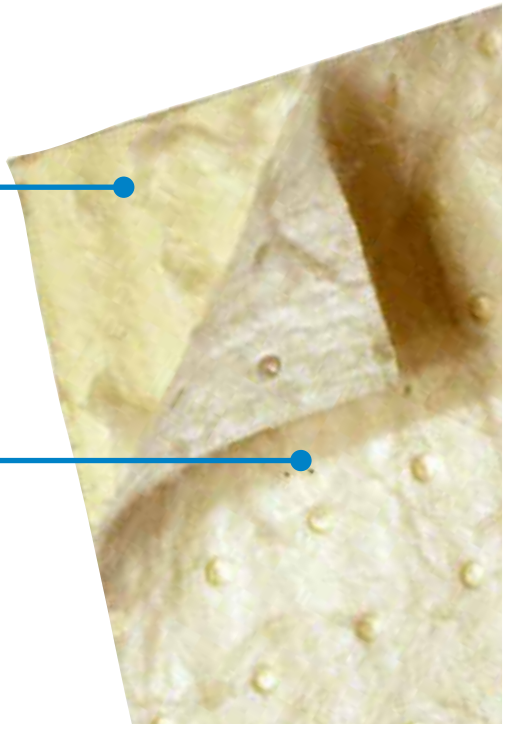
Synteq™

Cellulose Layer

This silicone treated cellulose layer provides improved water separation and dirt holding capacity performance. It captures the smallest contaminants circulating in the fuel.

Synthetic Layer

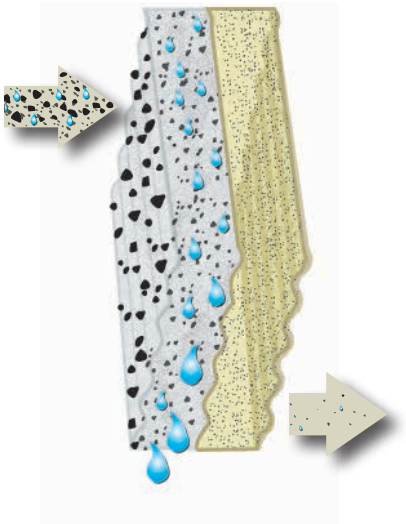
This layer consists of synthetic meltblown fibers that deliver maximum filtration capacity and optimum water separation. This layer is engineered to capture progressively finer contaminant and coalesce water droplets to enhance emulsified water separation performance.



Advanced Filter Media Solutions

How Donaldson Synteq™ Media Works

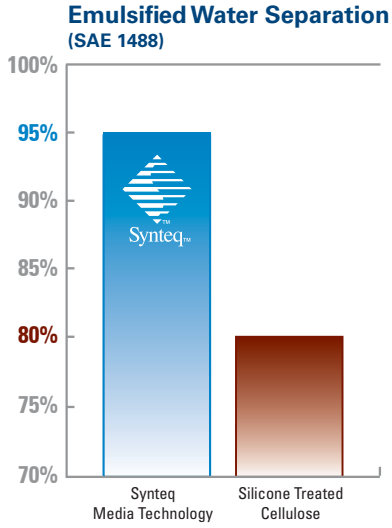
Donaldson's third generation of Synteq fuel filter water separator media uses both cellulose and meltblown synthetic layers to achieve the highest levels of fuel filtration performance. This double-layered media has increased particulate holding capacity and is a high performance water separator. It has the ability for high efficiency emulsified water separation and can be used in both the suction and pressure sides of fuel systems – making it an ideal choice for critical applications or extended service intervals.



Lab Test Results

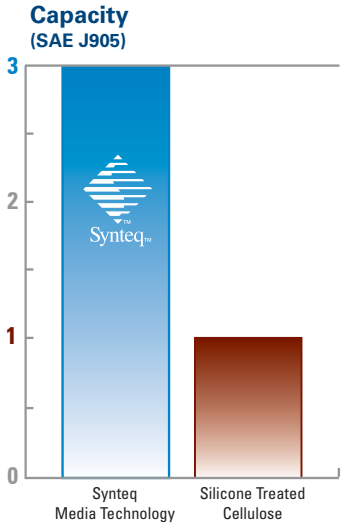
Water Removal Efficiency - 95%

Synteq Media Technology filters a greater amount of emulsified water than silicone treated cellulose.



Greater Capacity

In SAEJ905 standard testing, Donaldson Synteq Media Technology held three times as much contaminant compared to silicone treated cellulose filter media.



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