

Milliken®

AGILE

Fibril Gelling Dressings



AGILE dressings were developed to meet the unmet needs of patients and clinicians for a highly absorbent gellable dressing with increased structural integrity and conformability. AGILE dressings combine the patented Active Fluid Management technology with an innovative weave of gelling fibrils. AGILE has the unique ability to pull excess moisture away from the wound bed, absorbs it into the gelling fibrils or transfers it to a secondary dressing. AGILE is able to repeatedly manage moisture fluctuation during the entire application.

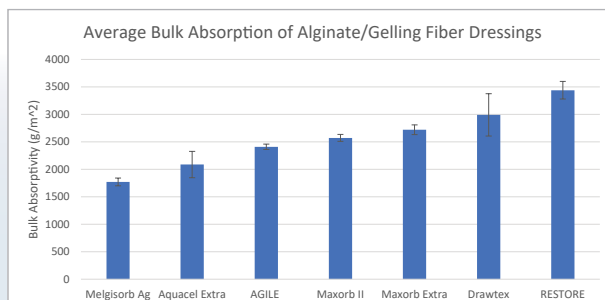
Trusted Moisture Management

AGILE builds on Milliken's knowledge and expertise of moisture managing textiles that can be trusted to be superior.

- Highly absorbent
- Protects periwound from harmful exudate (reduces risk of maceration)
- Removes harmful exudate from the wound

Bulk Absorption Test:

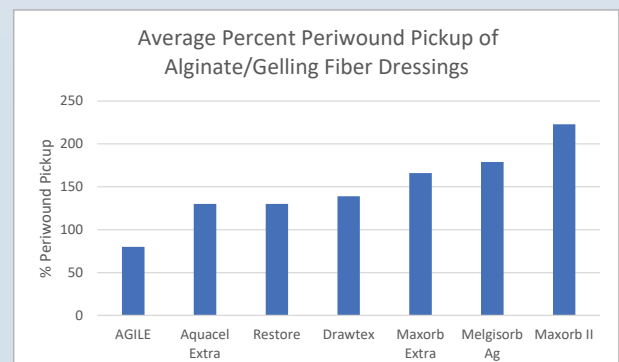
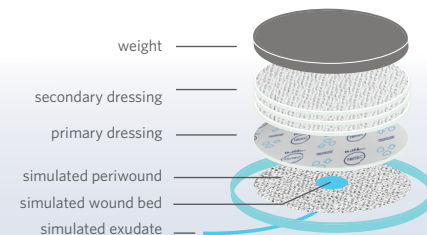
- This test is designed to mimic the natural absorption of a bandage on a wound.
- The test sample is die cut into a 2"x2" square, weighed for initial weight, and suspended in simulated wound fluid (SWF), a measured sodium and calcium chloride solution.
- After 30 seconds, the sample is retrieved and weighed again to calculate the absorption capacity.



AGILE absorption capabilities are comparable with other Alginates/Gellable fiber dressings.

Periwound Protection Test:

- Simulated wound fluid delivered at a rate similar to a highly exuding wound for 24 hours.
- The moisture level of the simulated periwound is measured by weighing it every 4 hours and the percentage of peri-wound pick-up is calculated.



AGILE allows for less moisture to sit on the simulated periwound ultimately leading to the reduction or prevention of maceration.

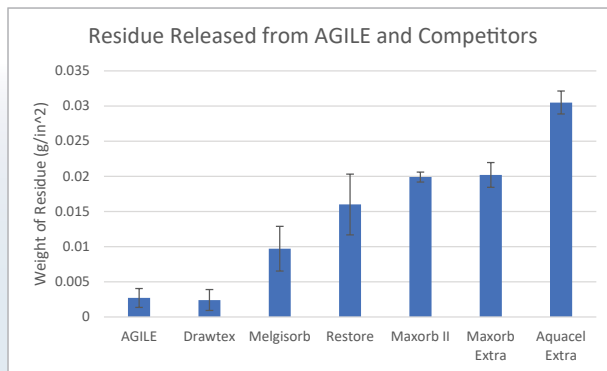
Versatility of Use

With a variation of shape and sizes, the AGILE product can be used on many different wounds throughout their healing stages.

- Can be cut
- Maintains structural integrity even when wet
- Conformable

Residue Test:

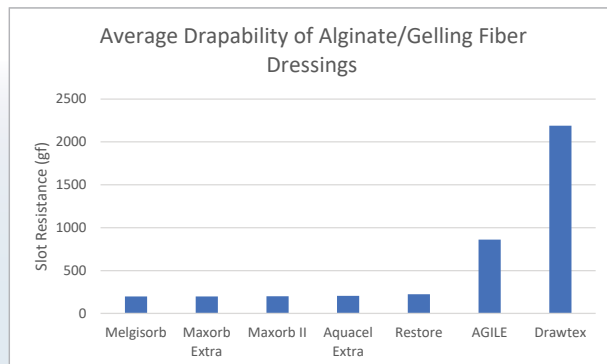
- A 1" square of each sample was placed in a weighed glass vial.
- 10mL of distilled water was added to each vial and stirred for 1 hour at room temperature.
- Samples were then removed from the vial and the vial with the remaining water and particles were then placed in an oven until dry.
- The residual weight was calculated after reweighing the dried vial.



CMC products leave a plastic-like residue. Alginates leave a significant fibrous film. AGILE produces significantly less residue compared to both CMC and Calcium Alginate products.

Drapability Test:

- This test method determines the stiffness of material.
- The samples are forced through a slot using a beam. Resistance is measured; this correlates to the flexibility of the dressing.
- Lower resistance = greater flexibility.



AGILE is significantly more drapable than Drawtex while also showing it's ability to conform like a traditional Calcium Alginate or CMC.

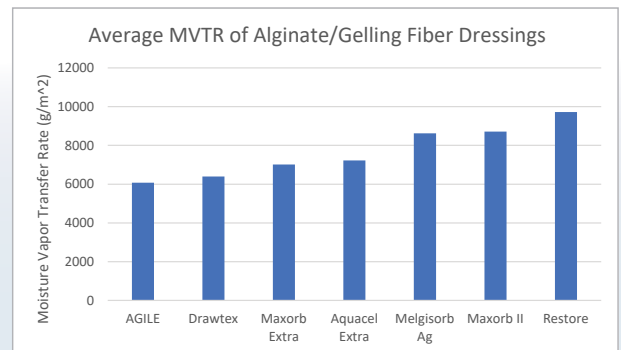
Comfort of Mind

Our unique approach to moisture management brings comfort to both clinicians and patients knowing that we are healing patients. Together.

- Caregiver confidence in performance
- Patient comfort in application
- Breathability

MVTR Test:

- This test method is intended to evaluate the Moisture Vapor Transfer Rate of a permeable primary wound dressing.
- MVTR is calculated by measuring the weight of the fluid holding apparatus before and after a 24-hour period in an oven
- The higher the rate, the more moisture evaporated through the dressing.



MVTR of AGILE is comparable to other dressings in its class. All samples are considered extremely breathable over a MVTR rate of 4000 g/m².

