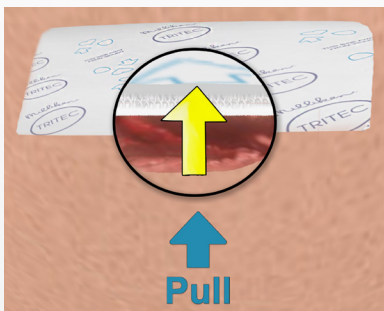




MILLIKEN HEALTHCARE PRODUCTS, LLC

## THE SCIENCE BEHIND PERIWOUND PROTECTION

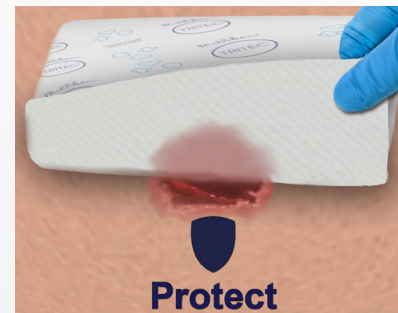
Active Fluid Management® (AFM®) Technology is a three part design that combines **two layers** of high performance fabric using a **micro-knit process**. This creates a powerful moisture transfer mechanism that pulls away and traps excess exudate in a secondary dressing or foam. The combination of these fabrics keeps the periwound skin dry, the wound bed moist, and harmful exudate away from a healing wound.



**Pull exudate away from the wound**



**Preserve optimal moisture**



**Protect healthy skin**

Milliken scientists designed the following experiment to compare the moisture management capabilities of Active Fluid Management technology to several competitive dressings.

AFM®  
Technology

Hydrofiber  
Silver

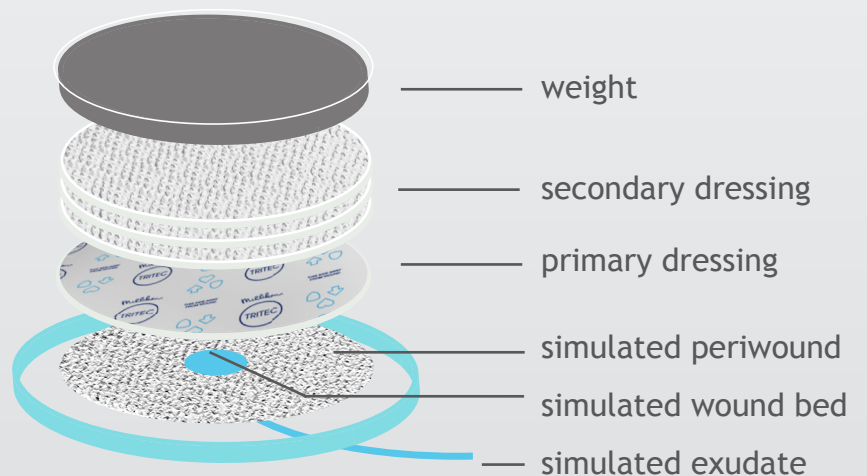
Nanocrystalline  
Silver

Gauze

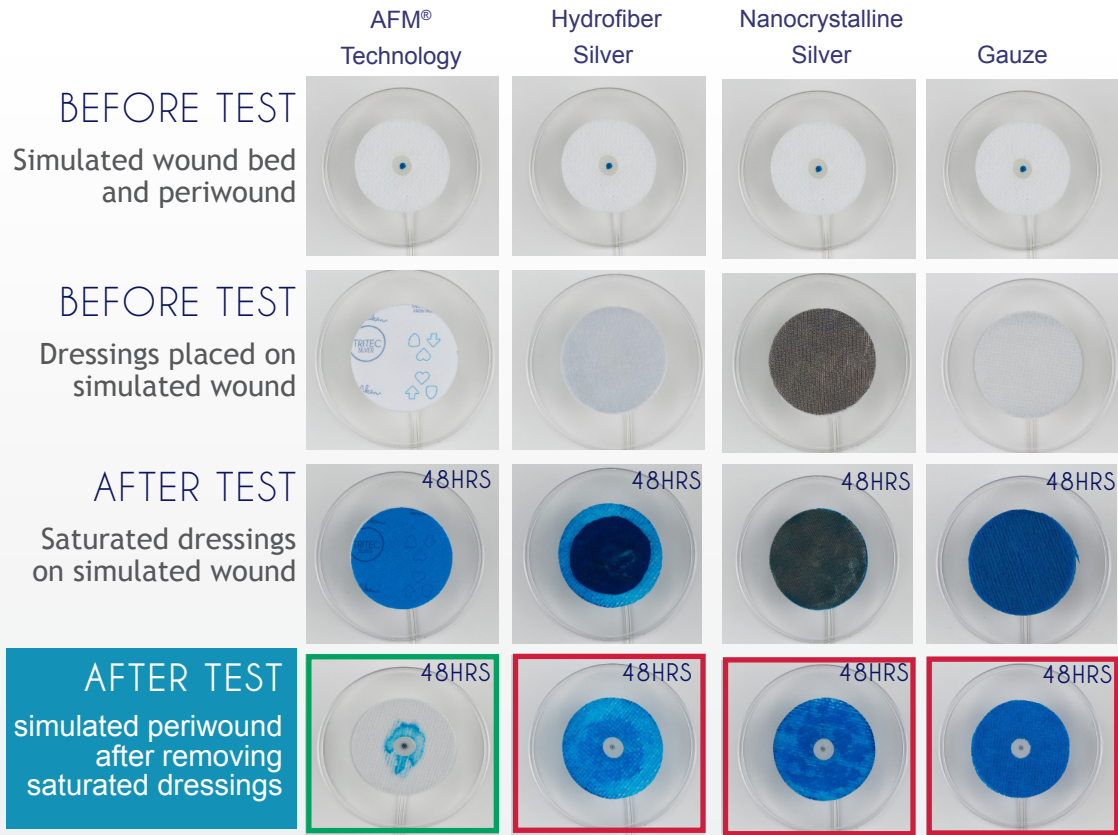
### TEST METHOD

- Simulated exudate delivered at a rate similar to a highly exuding wound for 48 hours
- Moisture level of simulated periwound measured every 4 hours by weight

### SIMULATED WOUND MODEL

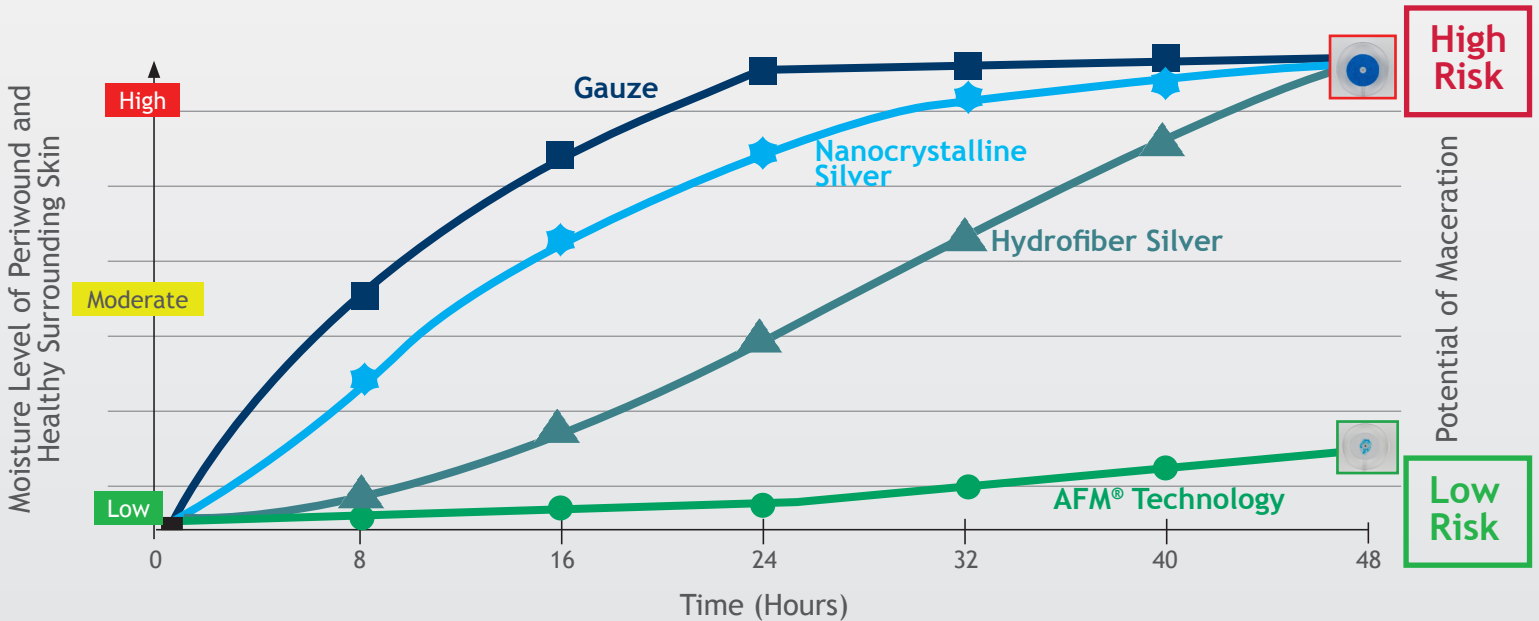


## PERIWOUND PROTECTION TEST AND RESULTS



### OBSERVATIONS AT 48 HOURS

- All primary dressings become saturated after 48 hours
- Simulated periwound for all other dressings is saturated
- Simulated periwound for the AFM technology is moist near the simulated wound bed



### CONCLUSION

Dressings with Active Fluid Management technology consistently protect the periwound from excess exudate better than all the competitive dressings tested.

medproducts@milliken.com | healthcare.milliken.com | 1-866-491-6556