

NEW!

Silver I™  
antimicrobial

# PetFlex® AFD

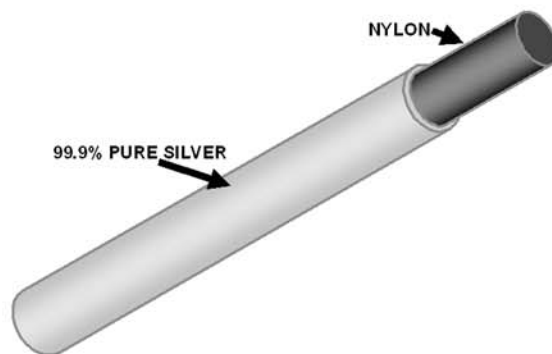
## ABSORBENT FOAM DRESSING

### Q Why is silver used in PetFlex AFD Silver I?

- A Silver coated nylon fibers are found to be >99.99% effective against MRSA (*Methicillin Resistant Staphylococcus aureus*) and other bacterial infections. [Silver] provides resistance to microbial colonization within the dressing and provides a barrier against the penetration of exogenous microbes. (Source: ATS-Labs and NAMSA)

### Q What is X-Static® silver?

- A
- 99.9% pure silver
  - 100% surface area
  - Flexible
  - Permanent
  - Safe & natural

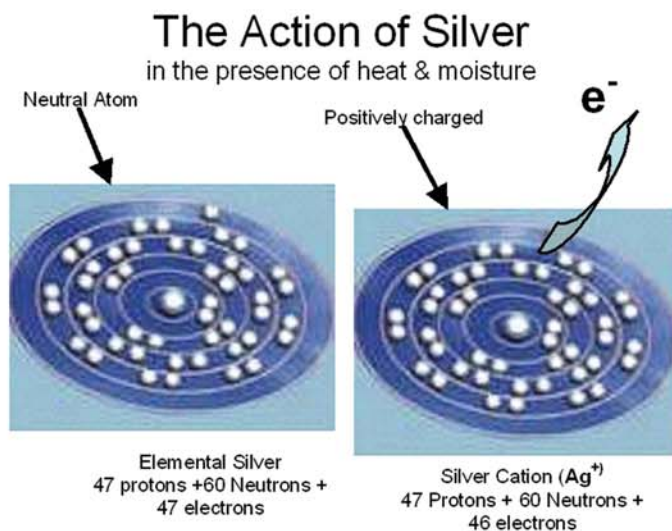


### Q What are the performance benefits of X-Static® silver?

- A
- Anti-microbial
  - Anti-odor
  - Thermodynamic
  - Anti-static/conductive
  - Hydrodynamic

### Q What do antimicrobials do?

- A
- Kill or inhibit microbes
  - Disturb cell functions in bacteria
  - Metal ion antimicrobials alter negatively charged sites on cells
  - Silver Cation ( $Ag^+$ ) is an important antimicrobial



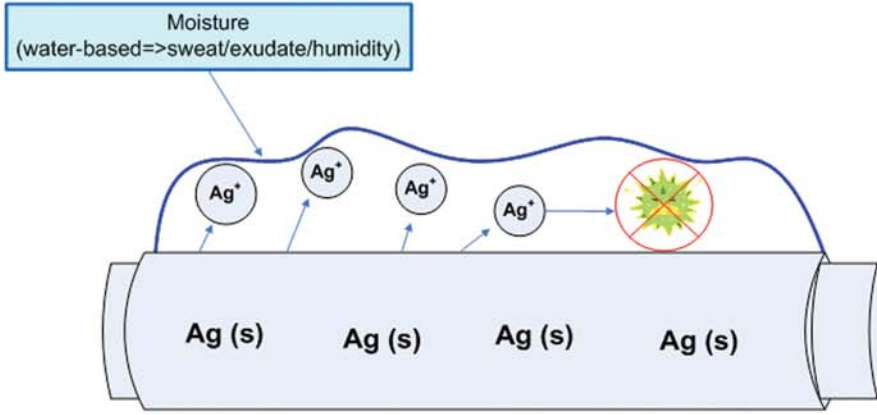
# PetFlex AFD Silver I



How does the silver work?



## The Action of Silver



In the presence of heat or moisture the Silver ions are released and attack the microbes.



Why X-Static® for PetFlex AFD Silver I?



- Broad spectrum
- Fast acting
- MRSA and other multidrug-resistant organisms (MDRO)
- Efficient
- Permanently bonded silver - no flaking, no shedding
- X-Static® continuously performs

Questions 2-5 source: Noble Fibers Technologies, LLC