DURAFIBER◊ Ag Absorbent Gelling Silver Fibrous Dressing

DURAFIBER Ag Dressing is designed to provide clinicians with a versatile and reliable solution for managing infected chronic and acute wounds

Smith+Nephew

DURAFIBER◊ Ag
Absorbent Gelling Silver
Fibrous Dressing

Helping you get **CLOSER TO ZERO**◊
human and economic consequence of wounds
smith-nephew.com/durafiber

✚ DURAFIBER◊ Ag Absorbent Gelling Silver Fibrous Dressing is a highly absorbent dressing, which provides dual action antimicrobial activity.[1,2]

Features and benefits

Highly absorbent[1,2]

DURAFIBER Ag Dressing is highly absorbent[1,2] and minimises the risk pooling,[2-4] which may help to reduce the risk of maceration to the sorrounding skin[1,2,5-6]

Minimal shrinkage[1,2]

DURAFIBER Ag Dressing has shown minimal shrinkage which may help to provide sustained coverage of the wound,[1,2] helping to reduce dead space where bacteria may proliferate[1,7]

Dual action

DURAFIBER Ag Dressing absorbs pathogenic bacteria away from the wound bed into the dressing, and kills bacteria in the dressing*[8,9]

Absorbs and retains fluid under compression[1-3]

DURAFIBER Ag Dressing absorbs and retains fluid under compression,[1-3] minimising risk of leakage[1,5] whilst providing effective exudate management[6,10,11]

Fast acting antimicrobial activity

DURAFIBER Ag Dressing forms a gel within 4 seconds on contact with fluid[1,2] and has been demonstrated to provide antimicrobial activity for up to 7 days against a broad spectrum of wound pathogens aerobic, anaerobic bacteria including antibiotic resistant Methicillin-resistant *Staphylococcus aureus* (MRSA) and Vancomysin-Resistant *Enterococci* (VRE), yeasts and filamentous fungi.*[12]

High tensile strength[1,2,6,13]

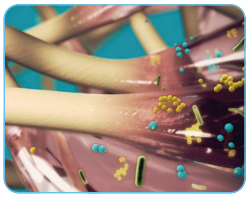
The cellulose fibres give the dry and gelled matrix of DURAFIBER Ag Dressing in-built structural integrity to ensure high tensile strength, which helps to facilitate an intact one piece removal[1,2,6,13]

*As demonstrated *in vitro*

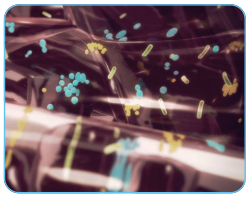
Silver gelling mode of action

When DURAFIBER Ag Dressing comes into contact with exudate, the individual fibres hydrate and swell as they absorb wound fluid, forming a soft, cohesive gel sheet.[1,2,6,14] As the fibres swell they lock in the absorbed exudate[2,14] and the silver-containing gelled dressing matrix provides an antimicrobial activity proven (*in vitro*) effective against a broad spectrum of bacteria including MRSA and *Pseudomonas aeruginosa*.[4]

1. Before application



2. Forming a gel upon contact with exudate[3]



3. Locks in fluid[1,3,6] and harmful bacteria[10] it may contain

Indications

DURAFIBER Ag Dressing is indicated as an absorbent, antimicrobial gelling dressing for the management of chronic and acute, full thickness, partial thickness, or shallow granulating exuding wounds.

Examples of appropriate wound types include: leg ulcers; pressure ulcers; diabetic ulcers; surgical wounds; traumatic wounds; donorsites; partial thickness burns; tunnelling and fistulae wounds; wounds left to heal by secondary intent; and wounds that are prone to bleeding such as wounds that have been surgically or mechanically debrided.

DURAFIBER Ag is designed to be left in place for up to 7 days.

DURAFIBER Ag Dressing may be used on infected wounds. Where the product is used on infected wounds the infection should be inspected and treated as per local clinical protocol.

20% Natural strengthening cellulose fibres + **80%** Gelling cellulose ethyl sulphonate fibres (CES) = **100%** Finely spun matrix that forms a soft cohesive gel on contact with exudate[3]

For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

DURAFIBER Ag Dressings order references

Sizes	Code	Carton
5cm x 5cm	66800034	10
10cm x 10cm	66800035	10
15cm x 15cm	66800036	5
20cm x 30cm	66800037	5
2cm x 45cm	66800038	5
5cm x 5cm	66800578	10
10cm x 10cm	66800579	10
15cm x 15cm	66800580	5
20cm x 30cm	66800581	5
2cm x 45cm	66800582	5
4cm x 10cm	66800583	5
4cm x 20cm	66800584	5
4cm x 30cm	66800585	5

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References
1. Smith & Nephew 2015.DURAFIBER Ag Recipe E testing. Internal report. DS/15/269/R. **2.** Smith & Nephew 2016.Analytical and physical properties of DURAFIBER Ag Recipe E. Internal report. DS/16/341/R. **3.** Smith & Nephew 2016.DURAFIBER Ag (Recipe E): Absorption during compression. Internal report. DS/16/443/R. **4.** Smith & Nephew 2014. Wound Model testing of DURAFIBER Ag Dressings with various secondary dressings. Internal report. DS/10/053/R2. **5.** Smith & Nephew 2014. Testing on lateral wicking of DURAFIBER Ag. Internal report. DS/12/108/R2. **6.** Forlee M, Rossington A, Searle R. A prospective, open, multicentre study to evaluate a new gelling fibre dressing containing silver in the management of venous leg ulcers. *Int Wound J.* 2014;11(4):438-445. **7.** Smith & Nephew 2010. The potential for proliferation of bacteria in wound exudate. Internal report. RR-WMP06290-40-01. **8.** Smith & Nephew 2015. Antimicrobial activity of DURAFIBER Ag against bacteria, yeast and fungi commonly found in wounds over a 7 day period. Internal report. 1510009. **9.** Smith & Nephew 2014. Visual demonstration of sequestration of *Pseudomonas aeruginosa* and *Staphylococcus aureus* in a DURAFIBER Ag Dressing using confocal microscopy. Internal report. 1412017. **10.** Smith & Nephew 2018. DURAFIBER Ag chronic wounds. Internal report. PMS-316-02. **11.** Smith & Nephew 2018. DURAFIBER Ag acute wounds. Internal report. PMS-316-01. **12.** Smith & Nephew 2015. Antimicrobial activity of DURAFIBER Ag against bacteria, yeast and fungi commonly found in wounds over a 7 day period. Internal report. 1510009. **13.** Smith & Nephew 2012. Integrity testing of DURAFIBER Ag in horse serum and ionic solution. Internal report. DS/12/093/DOF. **14.** Smith & Nephew 2014. Sequestration testing of DURAFIBER Ag. Internal report. DS/12/158/R2. **15.** Smith & Nephew 2015. Antimicrobial activity of DURAFIBER Ag against bacteria, yeast and fungi commonly found in wounds over a 4 hour period. Internal report. 15010010.