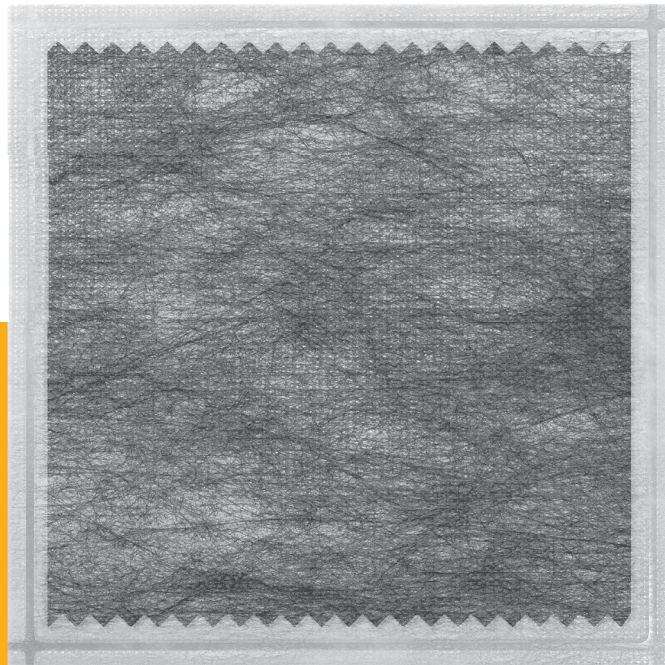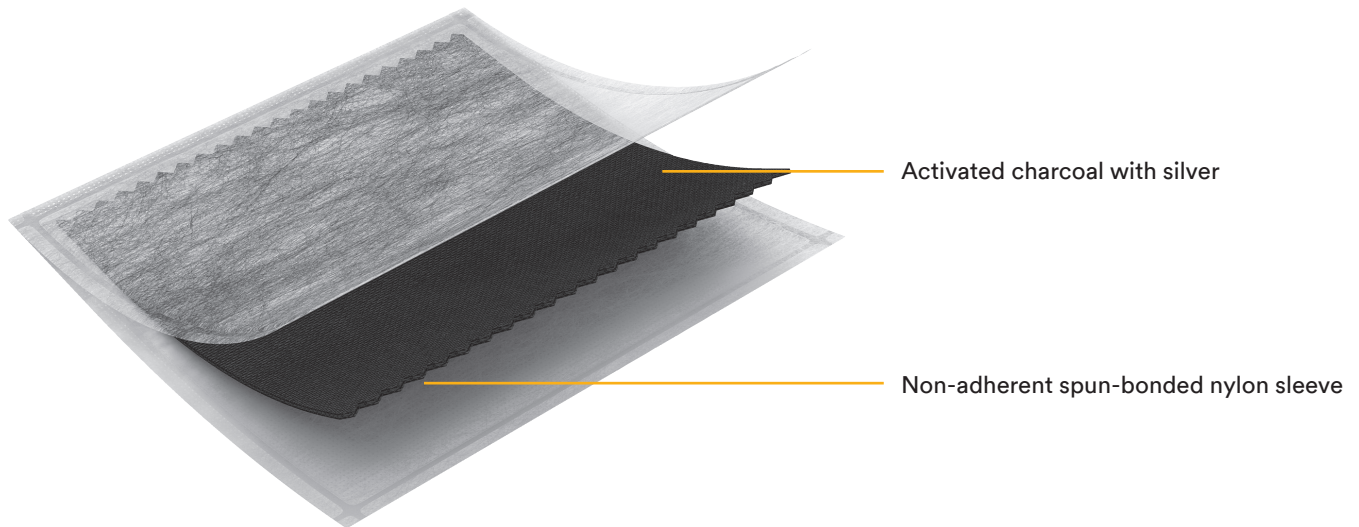# Don't just mask the odor address the cause

**3M™ Actisorb™ Silver 220
Antimicrobial Binding Dressing**

What is it?

3M™ Actisorb™ Silver 220 Antimicrobial Binding Dressing is an activated charcoal dressing with silver, enclosed in a non-adherent nylon sleeve.

Activated charcoal with silver

Non-adherent spun-bonded nylon sleeve
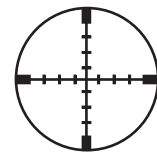
How does it work?

Triple action

Actisorb Silver 220 Dressing is different from other charcoal dressings, it has a triple action that not only masks odor but also addresses its cause:

Activated charcoal traps odor in the dressing[1]

Activated charcoal binds bacteria and toxins in the dressing

Silver kills the bacteria in the dressing[2]

Antimicrobial action

Actisorb Silver 220 Dressing is effective in vitro against 150 microorganisms associated with wound infection.[3]

Silver has been proven to kill bacteria, and participate in the reduction of bioburden in the dressing.[2]

Ag

Effective *in vitro* **against**

150

microorganisms associated with wound infection[3]

Odor and exudate management

3M™ Actisorb™ Silver 220 Antimicrobial Binding Dressing eliminates malodor thereby improving the patient's quality of life.[4-6] As malodor might be accompanied by wound fluids, Actisorb Silver 220 Dressing is able to manage exudate and helps maintain a moist wound healing environment.[6,7]

✓ **A report of 5 consecutive wound care surveillance studies:**

94.8%

of the 12,444 patients improved or healed when Actisorb Silver 220 Dressing was used in the management of the wound.[8]

ⓘ

Why is it important to treat malodor?

The impact of malodor should never be underestimated as it can cause depression and societal isolation of the patient.[9]

Case study

75 year old patient with a history of chronic venous ulceration treated with Actisorb Silver 220 Dressing and compression bandage for 4 weeks.[7]

Baseline

- Thick sloughy tissue
- High pain score
- Maceration
- Wound malodor

After 4 weeks

- Healthy granulation tissue
- Reduced exudate levels
- Minimal wound odor

In PEG sites, Actisorb Silver 220 reduces bacterial colonization in the dressing. The bacterial barrier properties of the dressing may prevent infection and overgranulation.[5]

When to use it

Actisorb Silver 220 Dressing may help reduce infection in partial and full-thickness wounds, including:

- Pressure injuries
- Venous ulcers
- Diabetic ulcers
- First and second-degree burns
- Donor sites
- Surgical wounds

Please refer to the full *Instructions for Use* in the packaging insert.

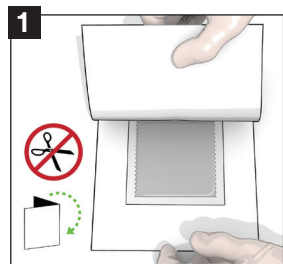Actisorb Silver 220 Dressing is suitable for use under compression bandaging.

For lightly exuding wounds, Actisorb Silver 220 Dressing can be used in combination with a non-adherent wound contact layer.
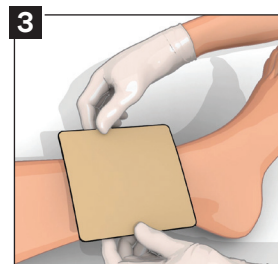
User guide

Before application

Always refer to the instructions for use for full details. Select a size of 3M™ Actisorb™ Silver 220 Antimicrobial Binding Dressing that is slightly larger than the wound. Prepare the wound according to appropriate wound management protocol. Before application of the dressing, ensure that any necrotic tissue is removed by debridement.
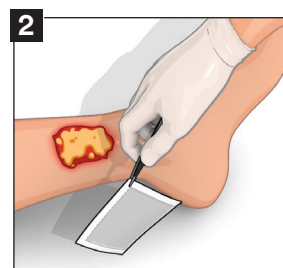
Dressing preparation

1

1. Carefully remove the dressing from the pouch using an aseptic technique and forceps.

2. If necessary, you can fold the dressing to fit the wound shape.

3. Actisorb Silver 220 Dressing should not be cut, as particles of activated carbon may get into the wound and cause discoloration.

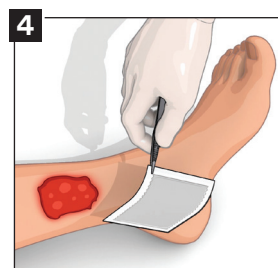### Secondary dressing application

3

1. Cover and secure Actisorb Silver 220 Dressing with a secondary dressing such as one from the 3M™ Kerrafoam™ Dressings.

2. Choose the secondary dressing based on the level of exudate.

3. If required, the dressing may be held in place to aid application.

Dressing application

2

1. Gently apply Actisorb Silver 220 Dressing to the wound. Either side of Actisorb Silver 220 Dressing can be placed on the wound.

2. The properties of the dressing are most fully utilized when Actisorb Silver 220 Dressing makes direct contact with the wound.

Dressing change and removal

4

1. Actisorb Silver 220 Dressing can remain on the wound for up to 7 days, depending on the level of exudate. The secondary dressing can be changed as required.

2. Gently remove the secondary dressing.

3. Gently remove Actisorb Silver 220 Dressing from the wound bed and discard.

Item Code	Size	Eaches carton/box	HCPCS code
650220	2.6" x 3.8"	10 ea/ct – 5 ct/bx	A4649
105220	4.2" x 4.2"	10 ea/ct – 5 ct/bx	A4649
190220	4.2" x 7.6"	10 ea/ct – 5 ct/bx	A4649

To learn more about the benefits of Actisorb Silver 220 Dressing please contact your local 3M representative.

References
1. Nisbet L, Greenhalgh D, Cullen B, Broadbent S, Foster S. The Benefits of Activated Charcoal Cloth with Silver on Odour Control and Bacterial Endotoxin Binding. Poster presented at: Wounds UK. 2011. Harrogate, UK
2. Addison D. et al. A comparison of the antimicrobial properties of silver dressings for chronic wound care. Poster Presented at: EWMA. 2002. Grenada, Spain.
3. Rennison et al. Antimicrobial efficacy of silver impregnated activated charcoal wound dressing. Poster Presented at: ETRS. 2003. Amsterdam, The Netherlands.
4. Jackson L. Use of a charcoal dressing with silver on an MRSA-infected wound. B J Comm Nursing. 2001; 2:19-26.
5. Leak, K. PEG site infections: a novel use for Actisorb Silver 220. B J Comm Nursing. 2002; 7(6):321-325.
6. Hampton S., Actisorb Silver 220: a unique antibacterial dressing. B J Comm Nursing. 2002; 9: 17-19.
7. International case series: Using ACTISORB™: Case Studies. London: Wounds International, 2012.
8. Stadler R, Wallenfang K. Survey of 12444 patients with chronic wounds treated with charcoal dressing (ACTISORB™). Aktuelle Dermatologie. 2002; 28(10): 351-354.
9. White R. Wound malodour and the role of Actisorb™ Silver 220. Wounds UK. 2013; 9(1): 101-104.

3M

Note: Specific indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.