

Why AQUACEL® Dressings?

Because Hydrofiber®
Technology beats hype
every time.



AQUACEL® Dressings are the answer.

AQUACEL®

AQUACEL® Ag

AQUACEL® Extra™

AQUACEL® Foam

AQUACEL® Surgical

AQUACEL® Ag Surgical

AQUACEL® Burn



AQUACEL® Dressings

TRIED. TRUE. TRUSTED.™

The family that helps heal.

In 1996, ConvaTec introduced **AQUACEL®** dressing, the world's first dressing with **Hydrofiber® Technology**. Since then, we've listened to feedback from our customers and extended this unique technology to more products that serve the specific needs of our patients. Now, the original AQUACEL® dressing has grown into an entire family of dressings that help protect and heal wounds, including surgical incisions, burns and more.

You'll find your answer in the AQUACEL® family of dressings.

In one prospective, multi-centric study,

75%

of patients experienced complete or substantial healing after only 4 weeks with AQUACEL® dressing¹

AQUACEL® Ag

dressing kills superbugs, such as MRSA and VRE,^{*2-12} within 30 minutes³

*As demonstrated *in vitro*

Exudate Management

The first dressing in the Hydrofiber® family, the unique gelling of AQUACEL® dressing is like no other. Supports wound healing by creating a moist wound environment,^{*15} helps protect peri-wound skin and reduces maceration.^{16,17} A versatile dressing for moderately-to highly-exuding chronic and acute wounds.

AQUACEL®

Exudate and Infection

AQUACEL® Ag dressing with ionic silver provides rapid, effective, sustained antimicrobial activity – even against certain antibiotic-resistant bacteria (“superbugs”).^{*2-12,14,41}

A versatile dressing for moderately-to highly-exuding chronic and acute wounds that are infected or at risk of infection.

AQUACEL® Ag.

Why AQUACEL® Dressings?

Manages exudate

- ▶ Turns into a cohesive gel when it touches exudate
- ▶ Absorbs and locks in the exudate, preventing lateral spread*^{13,14}
- ▶ Helps maintain a moist wound environment,*¹⁵ protects peri-wound skin and reduces maceration^{16,17}
- ▶ AQUACEL® dressings:
 - Lock away bacteria*¹⁸⁻²¹
 - Micro-contour to the wound bed, minimising dead space where bacteria can grow*^{2,22}

Manages infection

- ▶ AQUACEL® Ag dressings with ionic silver:
 - Kill a variety of pathogens – including superbugs, such as MRSA and VRE*²⁻¹² – within 30 minutes³
 - Sustain antimicrobial activity for up to 14 days*^{3,4,6}

*As demonstrated *in vitro*

†As compared to AQUACEL® dressing

Micro-contours to wound bed*²

- ▶ Minimises 'dead space' where bacteria can grow*^{2,22}
- ▶ Maintains moisture balance in the wound bed*¹⁵

Helps minimise pain

- ▶ Clinically proven to help minimise pain while *in situ* and upon removal²³⁻³⁶
- ▶ AQUACEL® Burn can be left on for up to 21 days or until clinically indicated, which may lead to fewer dressing changes for burn patients³⁷⁻⁴⁰

Supported by evidence

- ▶ Supported by more than 160 pieces of evidence
- ▶ A wide range of study designs demonstrating *in vitro* efficacy and *in vivo* patient-oriented effectiveness:
 - Randomised controlled trials (RCT)
 - Published *in vivo* studies
 - Presented *in vivo* case studies and posters
 - Published *in vitro* studies
 - Presented *in vitro* posters

Strength and Absorbency

All the benefits of AQUACEL® dressing with 39% more absorption and 9 times more strength.^{†42} For wounds where extra absorbency and strength are required.

AQUACEL®Extra™
AQUACEL®Ag.Extra™
Coming Soon

Comfort and Control

The comfort and simplicity of a foam plus the healing benefits of AQUACEL® dressing. Available in a range of sizes and shapes in adhesive – with a gentle silicone border designed to adhere to surrounding skin – and non-adhesive.

AQUACEL®Foam



Hydrofiber® Technology

Hydrofiber® Technology, found in the AQUACEL® family of dressings, is uniquely designed to:

Tried.

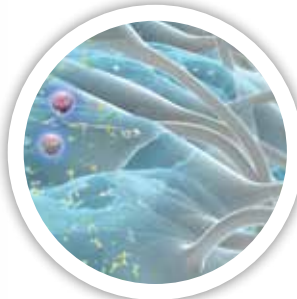
More than 15 years of clinical evidence.

True.

Unique technology, exclusively from ConvaTec.

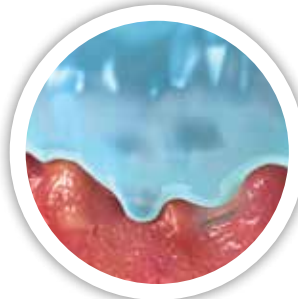
Trusted.

More than 400 million AQUACEL® Dressings sold.



Lock in*

wound exudate and bacteria¹⁸⁻²¹ and reduce lateral spread of fluid^{13,14}



Micro-contour*

to the wound bed² maintaining an optimal moisture balance¹⁵ and eliminating dead space where bacteria can grow^{2,22}



Respond*

to wound fluid levels by forming a cohesive gel; AQUACEL® Ag dressing also provides a reservoir of silver ions for on-demand anti-microbial activity.^{2-6,14,41}

*As demonstrated *in vitro*

Help Minimise Dressing Changes and Pain

Designed specifically for burns. A wear time of up to 21 days or until clinically indicated helps minimise the need for painful dressing changes,³⁷⁻⁴⁰ and the dressing gently detaches itself as the burn heals. Flexibility promotes patient mobility – it's even available in a glove.

AQUACEL® Burn

Coming Soon



Minimise Infection and Blistering

With the skin-like flexibility of DuoDERM® dressing, this dressing is specially designed to protect surgical incisions with a waterproof, viral and bacterial barrier. A study showed reduction in incision infection by 67% and in blistering by 88%.^{a,b,43-46}

AQUACEL® Surgical

AQUACEL® Ag. Surgical



AQUACEL® Dressings

The AQUACEL® Family Product Guide

Use this guide to help you choose the appropriate Primary, Secondary and Specialty dressings.

PRIMARY

AQUACEL®

AQUACEL®Extra™

AQUACEL®Ag.

AQUACEL®Ag.Extra™ *Coming Soon*

PRIMARY/SECONDARY

AQUACEL®Foam

PAIRINGS

For exuding wounds with depth, consider:

AQUACEL® + AQUACEL®Foam

For infection prevention with foam comfort, consider:

AQUACEL®Ag. + AQUACEL®Foam

SPECIALTY

AQUACEL® RIBBON
with strengthening fibre

AQUACEL®Ag. RIBBON
with strengthening fibre

AQUACEL®Burn *Coming Soon*

AQUACEL®Surgical

AQUACEL®Ag.Surgical

For protection and management of lightly exuding wounds, also consider DuoDERM® products from ConvaTec.

Find your answer. Order AQUACEL® Dressings today.

Dressing Size	Pack Size	Product Code	Dressing Size	Pack Size	Product Code
AQUACEL®			AQUACEL® Foam		
			Non-Adhesive		
5cm x 5cm	10	177901	5cm x 5cm	10	420631
10cm x 10cm	10	177902	10cm x 10cm	10	420633
15cm x 15cm	5	177903	15cm x 15cm	5	420635
1cm x 45cm Ribbon	5	420127	20cm x 20cm	5	420636
2cm x 45cm Ribbon	5	403770	15cm x 20cm	5	420637
4cm x 10cm	10	403730	Adhesive		
4cm x 20cm	10	403731	8cm x 8cm	10	420804
4cm x 30cm	10	403732	10cm x 10cm	10	420680
AQUACEL® Ag			12.5cm x 12.5cm	10	420619
5cm x 5cm	10	403706	17.5cm x 17.5cm	10	420621
10cm x 10cm	10	403708	21cm x 21cm	5	420623
15cm x 15cm	5	403710	19.8cm x 14cm (Heel)	5	420625
20cm x 30cm	5	403711	20cm x 16.9cm (Sacral)	5	420626
1cm x 45cm Ribbon	5	420128	AQUACEL® Surgical		
2cm x 45cm Ribbon	5	403771	9cm x 10cm	10	412017
4cm x 10cm	10	403739	9cm x 15cm	10	412018
4cm x 20cm	10	403740	9cm x 25cm	10	412019
4cm x 30cm	10	403741	9cm x 30cm	10	420669
AQUACEL® Extra™			9cm x 35cm	10	412020
5cm x 5cm	10	420671	AQUACEL® Ag Surgical		
10cm x 10cm	10	420672	9cm x 10cm	10	412009
15cm x 15cm	5	420673	9cm x 15cm	10	412010
			9cm x 25cm	10	412011
			9cm x 30cm	10	420670
			9cm x 35cm	10	412012

*As demonstrated *in vitro*

Footnotes: a. A post-operative dressing regimen using Mepore™ dressing covering AQUACEL® dressing was compared to a new dressing regimen of DuoDERM® Extra Thin dressing covering AQUACEL® dressing after application of a liquid film-forming acrylate. A subsequent study demonstrated no enhancement of the new dressing regimen by the acrylate. **b.** Equivalent performance of AQUACEL® SURGICAL cover dressing to DuoDERM® Extra Thin dressing covering AQUACEL® dressing demonstrated in *in vitro* testing.

References: 1. Collado GF, Morán SMJ, García RMJ. Care for cutaneous lesions by combining Hydrofiber™ and extra fine hydrocolloid dressings. A multi-centric study. *Rev ROL Enf.* 2002;25(2):130. 2. Jones SA, Bowler PG, Walker M, 2005. Antimicrobial activity of silver-containing dressings is influenced by dressing conformability with a wound surface. *WOUNDS*, 17: 263-270. 3. Jones SA, Bowler PG, Walker M, Parsons D, 2004. Controlling wound bioburden with a novel silver-containing Hydrofiber™ dressing. *Wound Rep. Reg.* 12: 288-294. 4. O'Neill, MAA, Vine GJ, Beezer AE, Bishop AH, Hadgraft J, Labetoulle C, Walker M, Bowler PG, 2003. Antimicrobial properties of silver-containing wound dressings: a microcalorimetric study. *Int. J. Pharm.* 263: 61-68. 5. Bowler PG, 2003. Progression towards healing: Wound infection and the role of an advanced silver-containing Hydrofiber™ Dressing. *Ostomy Wound Management* 49: (8) Suppl. 2-5. 6. Bowler PG, Jones SA, Walker M, Parsons D, 2004. Microbial properties of a silver-containing hydrofiber dressing against a variety of burn wound pathogens. *J. Burn Care Rehabil.* 25: 192-196. 7. Percival SL, Bowler PG, Dolman J, 2007. Antimicrobial activity of silver-containing dressings on wound microorganisms using an *in vitro* biofilm model. *Int Wound J.* 4(2): 186-191. 8. Percival SL, Bowler P, Woods EJ, 2007. Assessing the effect of an antimicrobial wound dressing on biofilms. *Wound Rep Reg.* 16: 52-57. 9. Welsby S, Towers V, Joseph A, Booth R, Bowler P. The *in vitro* susceptibility of emerging 'superbugs' to a silver-containing sodium carboxymethyl cellulose wad dressing. Symposium on Advanced Wound Care and Wound Healing Society meeting, S103, 2011. 10. Nasir, N-A M, Halim AS, Singh-KB, Dorai AA, Haneef M-NM, 2010. Antibacterial properties of tualang honey and its effect in burn management: a comparative study. *BMC Complimentary and Alternative Medicine*; 10: 31. 11. Aramwit P, Muangman P, Namviriyachote N, Srichana T, 2010. *In vitro* evaluation of the antimicrobial effectiveness and moisture binding properties of wound dressings. *Int J Mol Sci* 11: 2864-2874. 12. Thorn RMS, Austin AJ, Greenman J, Wikins J, Davis PJ, 2009. *In vitro* comparison of antimicrobial activity of iodine and silver dressings against biofilms. *J Wound Care*; 18: 343-346. 13. Walker M and Parsons D, 2010. Hydrofiber™ Technology: its role in exudate management. *Wounds UK* 6: 31-38. 14. Parsons D, Bowler PG, Myles V, Jones SA, 2005. Silver antimicrobial dressings in wound management: A comparison of antibacterial, physical and chemical characteristics. *WOUNDS*, 17: 222-232. 15. Bishop SM, Walker M, Rogers AA, Chen WYJ. Moisture balance: optimising the wound-dressing interface. *J Wound Care*. 2003;12:125-128. 16. Coutts P, Sibbald RG. The effect of a silver-containing Hydrofiber dressing on superficial wound bed and bacterial balance of chronic wounds. *Int Wound J.* 2005;2(4):348-356. 17. Robinson BJ. The use of a hydrofiber dressing in wound management. *J Wound Care*. 2000;9(1):32-34. 18. Newman GR, Walker M, Hobot JA, Bowler PG, 2006. Visualisation of bacterial sequestration and bacterial activity within hydrating Hydrofiber™ wound dressings. *Biomaterials* 27(7): 1129-1139. 19. Walker M, Hobot JA, Newman GR, Bowler PG, 2003. Scanning electron microscopic examination of bacterial immobilisation in a carboxymethyl cellulose (AQUACEL™) and alginate Dressing. *Biomaterials* 24: 883-890. 20. Bowler PG, Jones SA, Davies BJ, Coyle E, 1999. Infection control properties of some wound dressings. *J. Wound Care* 8(10): 499-502. 21. Walker M, Bowler PG, Cochran CA, 2007. *In vitro* studies to show sequestration of matrix metalloproteinases by silver-containing wound care products. *Ostomy/Wound Management* 53(9): 18-25. 22. Bowler P, Jones S, Towers V, Booth R, Parsons D, Walker M, 2010. Dressing conformability and silver-containing wound dressings. *Wounds UK* 6: 14-20. 23. Caruso DM, Foster KM, Hermans MH-E, Rick C, 2004. AQUACEL™ Ag in the management of partial-thickness burns: Results of a Clinical Trial. *J. Burn Care Rehabil.*; 25: 89-97. 24. Vanscheidt W, Lazareth I, Routkovsky-Novak G, 2003. Safety Evaluation of a New Ionic Silver Dressing in the Management of Chronic Ulcers. *WOUNDS* 15: 371-378. 25. Chen K-T, Yang J-Y, Lin M-S, Huang C-Y, 2005. The Application of AQUACEL™ Ag in Partial Thickness Burns. *J. Plast. Surg. Asso. R.O.C.*; 14: 338-348. 26. Jurczak F, Dugre T, Johnstone A, Offort T, Vujovic Z, Hollander D, 2007. Randomised clinical trial of Hydrofiber dressing with silver versus povidone-iodine gauze in the management of open surgical and traumatic wounds. *J Wound J.* 4: 66-76. 27. Paddock HN, Fabia R, Giles S, Hayes J, Lowell W, Adams D, Besner GE, 2007. A silver-impregnated antimicrobial dressing reduces hospital costs for pediatric burn patients. *J Pediatric Surg*; 42: 211-215. 28. Muangman P, Pundee C, Opananon S, Muangman S, 2010. A prospective, randomized trial of silver containing hydrofiber dressing versus 1% silver sulfadiazine for the treatment of partial thickness burns. *Int Wound J.* 7: 271-276. 29. Kwon Lee S, 2003. Clinical experiences with technologies: case reports on the use of two Hydrofiber™ dressings. *Ostomy Wound Management*; 49: (8) Suppl. 6-9. 30. Lohana P, Potkar TS, 2006. AQUACEL™ Ag in paediatric burns – a prospective audit. *Annals of Burns and Fire Disasters*; XIX (3): 144-147. 31. Caruso DM, Foster KM, Blome-Eberwein SA, Twomey JA, Herdon DN, Luterma A, Silverstein P, Antimariano JR, Bauer GJ, 2006. Randomized clinical study of Hydrofiber dressing with silver or silver sulfadiazine in the management of partial-thickness burns. *J. Burn Care Res*; 2006; 27(3): 298-309. 32. Lohsriwat V, Chuangsuwanich A, 2009. Comparison of the ionic silver-containing Hydrofiber and Paraffin gauze dressing on split-thickness skin graft donor sites. *Annals of Plastic Surg.*; 62: 421-422. 33. Saba S, Tsai C, Glat P, 2009. Clinical evaluation comparing the efficacy of AQUACEL™ Ag Hydrofiber™ dressing versus petrolatum gauze with antibiotic ointment in partial thickness burns in a pediatric burn center. *J. Burn Care Res*; 2007; 28(3): 380-385. 34. Huang S-H, Yang P-S, Wu S-H, Chang K-P, Lin T-M, Lin S-D, Lai C-S, Lee S-S, 2010. AQUACEL™ Ag with Vaseline gauze in the management of toxic epidermal necrolysis (TEN). *Burns*; 36: 121-126. 35. Blome-Eberwein, Johnson RM, Miller SF, Caruso DM, Jordan MH, Milner S, Tredget EE, Sittig KM, Smith L, 2010. Hydrofiber dressing with silver for the management of split-thickness donor sites: A randomised evaluation of two protocols of care. *Burns*; 36: 665-672. 36. Bailey S, Carmean M, Cinat M, Burton K, Lane C, Malinoski D, 2011. A randomised comparison study of AQUACEL™ Ag and Glucan II as donor site dressings with regard to healing time, cosmesis, infection rate, and patient's perceived pain: a pilot study. *J. Burn Care Res*; 32: 627-632. 37. Clinical Study Report OW-0508-06-A083: A Phase II, Non-Comparative Evaluation of Carboxymethylcellulose Silver Reinforced with Nylon in the Care of Partial Thickness Burns. July 2008. 38. Armstrong SH, Brown DA, Hill E, Ruckley CV, A randomized trial of a new Hydrofiber dressing, AQUACEL™, and an alginate in the treatment of exuding leg ulcers. Presented at 5th European Conference on Advances in Wound Management; Harrogate, UK: November 1995. 39. Barnea Y, Amir A, Leshem D, et al. Clinical comparative study of AQUACEL™ and paraffin gauze dressing for split-skin donor site treatment. *Ann Plast Surg*. 2004;53(2):132-136. 40. Kogan L, Moldavsky M, Szvalb S, Govrin-Yehudain J. Comparative study of AQUACEL™ and Silverlor treatment in burns. *Ann Burns Fire Disasters*. 2004;17(4):201-207. 41. Gaisford S, Beezer AE, Bishop AH, Walker M, Parsons D, 2009. An *in vitro* method for the quantitative determination of the antimicrobial efficacy of silver-containing wound dressings. *Int J Pharm.*; 366: 111-116. 42. WHR3461 TA214 - Preliminary assessment of the physical properties of AQUACEL™ EXTRA™ and AQUACEL™ dressings. Scientific Background Report. WHR3461 TA214, 2011. Data on File. ConvaTec Inc. 43. Clarke JV, Deakin AH, Dillon JM, Emmerson S, Kinnimonth AWG. A prospective clinical audit of a new dressing design for lower limb arthroplasty wounds. *J Wound Care*. 2009;18(1):5-11. 44. Laboratory Test Comparison of AQUACEL™ 'New Design' and the Jubilee Method of Dressing Surgical Wounds. WHR3264 TA180, October 7, 2009. Data on file, ConvaTec. 45. A post-operative dressing regimen using Mepore™ dressing covering AQUACEL™ dressing was compared to a new dressing regimen of DuoDERM™ Extra Thin dressing covering AQUACEL™ dressing after application of a liquid film-forming acrylate. A subsequent study demonstrated no enhancement of the new dressing regimen by the acrylate. 46. Equivalent performance of AQUACEL™ SURGICAL cover dressing to DuoDERM™ Extra Thin dressing covering AQUACEL™ dressing demonstrated in *in vitro* testing.

®/™ Indicates trademarks of ConvaTec Inc. ©2013 ConvaTec Inc. AP-012642-MM WCON585

ConvaTec (Australia) Pty Limited. ABN 70 131 232 570. Unipark Monash, Building 2, Ground Floor, 195 Wellington Road, Clayton VIC 3168 Australia. PO Box 63, Mulgrave, VIC 3170. Phone: (03) 9239 2700 Facsimile: (03) 9239 2742. Customer Support Freecall: 1800 339 412. ConvaTec (New Zealand) Limited. AK2135265 PO Box 62663, Greenlane 1546 New Zealand. Phone: 0800 441 763. www.convatec.com February 2013 W396



AQUACEL® Dressings
TRIED. TRUE. TRUSTED.™

For further information and advice call the
ConvaTec Customer Helpline:
Australia 1800 339 412 New Zealand 0800 441 763

