

Information for Clinical Choice

Gelling Fibre Dressings

Support Document

Introduction

Information for Clinical Choice (ICC) has been developed to assist Clinicians in the decision-making process when assessing the suitability of a product by providing a clear illustration and description of the features of a range of similar products supplied through NHS Supply Chain.

The criteria provided, in the form of a Product Matrix and Support Document, is the result of a product review, conducted by DHLs Clinical Procurement and Quality Assurance Team with support from clinical stakeholders from across the NHS as part of our assurance process.







The aim, alongside delivering savings back into NHS frontline services, is to ensure that clinical choice remains at the forefront of any product switching decision.







Advanced Wound Care: Gelling Fibre Dressings







Gelling fibres are absorbent wound dressings, which form a gel-like substance when exposed to exudate, encouraging autolytic debridement, promoting tissue granulation and the maintenance of a moist wound environment.







Gelling fibre dressings are used for moderate to highly exuding wounds and can be used for a wide variety of flat and cavity wounds. They are available in a wide range of sizes including as thin ribbon-style and ranges may include options with an anti-microbial function.

When choosing a dressing it is important that clinical choice is informed with the knowledge of the varying properties and performance of each dressing to promote safety and meet the needs of the patient and their wound(s).

| Gelling Fibre Dressing (Part 1) | | | | | | |
|--|---|---|---|---|---|---|
| Supplier | 3M UNITED KINGDOM PLC | ADVANCED MEDICAL SOLUTIONS LTD | ADVANCED MEDICAL SOLUTIONS LTD | COLOPLAST LIMITED | CONVATEC LTD | CREED MEDICAL LTD |
| Brand | KerraCel | ActivHeal AquaFiber | ActivHeal Aquafiber Extra | Biatain Fiber | Aquacel Extra | KytoCel |
| MPC | CWL-1166 | 10009146 | 9023632 | 33503 | 420672 | 3051 |
| NPC | ELY620 | ELY203 | ELY796 | ELY868 | ELY378 | ELY906 |
| Description | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing Two layer hydrofiber 10cm x 10cm | Gelling fibre dressing 10cm x 10cm |
| Picture |  |  |  |  |  |  |
| Route | Stocked | Stocked | Blue Diamond | Blue Diamond | Stocked | E-Direct |
| UOI | 10 | 10 | 10 | 10 | 10 | 100 |
| Range of Available Sizes | 5cm x 5cm 15cm x 15cm | 5cm x 5cm 15cm x 15cm | 5cm x 5cm 15cm x 15cm 20cm x 30cm | 5cm x 5cm 15cm x 15cm | 4cm x 10cm 4cm x 20cm 4cm x 30cm 5cm x 5cm 15cm x 15cm 20cm x 24cm | 5cm x 5cm 15cm x 15cm |
| Number of dressings displayed on box | Y | 10 | 10 | - | Y | 10 |
| Are they supplied sterile | Y | Y | Y | - | Y | Y |
| Maximum Wear time | 7 Days | 7 Days | 7 Days | - | 7 - 14 Days | 4 Days |
| Suitable for use with NPWT | N | N | N | - | Y | Y |
| Safe to cut to size | Y | Y | Y | - | Y | Y |
| Clear panel to internal packaging to allow visualisation of dressing | N | N | N | - | Y | N |
| Instructions for application on individual packaging | N | Y | Y | - | Y | N |
| Anti-Microbial Brand Available | KerraCel Ag | Activheal Aquafiber Ag | Activheal Aquafiber Ag | - | Aquacel Ag + Extra | N |
| Tensile Strength as per SMTL test method TM-191 (N) - Length | Not Testable* | Wet Strength= 8.11 | 4.28 | Not Testable* | 21.77 | 0.98 |
| Tensile Strength as per SMTL test method TM-191 (N) - Width | Not Testable* | Wet Strength= 4.38 | 8.11 | Not Testable* | 7.29 | 1.09 |
| Free Swell Absorbency | 23.72 | 38.26 | 38.26 | 22.83 | 24.71 | 41.66 |
| Absorbency Category | High | Ultra High | Ultra High | High | High | Ultra High |
| Material | 100% Carboxymethylcellulose (CMC) | CMC with Aliginate Scaffold | CMC with Aliginate Scaffold | (CMC) fibers with bicomponent (BiCo) fibers and a thermobonded net | Sodium carboxymethylcellulose and regenerated cellulose fibre | Acylated chitosan |

| Gelling Fibre Dressing (Part 2) | | | | | | |
|--|--|--|---|---|---|---|
| Supplier | FARLA MEDICAL | JOINT OPERATIONS LTD | MOLNLYCKE HEALTH CARE LTD | OSCARTECH UK | SMITH & NEPHEW HEALTHCARE LTD | URGO LTD |
| Brand | FarlaFIBRE | AOne | Exufiber | Fibrosol Extra Non-Adhesive | DuraFiber | Urgoclean |
| MPC | 545346 | GF10010010 | 709901 | FIBEX100100 | 66800560 | 506446 |
| NPC | ELY1011 | ELY947 | ELY819 | ELY996 | ELY331 | ELZ405 |
| Description | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm | Gelling fibre dressing 10cm x 10cm |
| Picture |  |  |  |  |  |  |
| Route | Blue Diamond | Blue Diamond | Stocked | Blue Diamond | Stocked | Stocked |
| UOI | 5 | 10 | 10 | 50 | 10 | 10 |
| Range of Available Sizes | 5cm x 5cm 15cm x 15cm 4cm x 30cm | 5cm x 5cm 15cm x 15cm | 4.5cm x 10cm 4.5cm x 20cm 4.5cm x 30cm 5cm x 5cm 15cm x 15cm 20cm x 30cm | 4cm x 10cm 4cm x 20cm 4cm x 30cm 5cm x 5cm 5cm x 40cm 15cm x 15cm 15cm x 20cm | 4cm x 10cm 4cm x 20cm 4cm x 30cm 5cm x 5cm 5cm x 5cm 15cm x 15cm | 5cm x 40cm 6cm x 6cm 15cm x 20cm |
| Number of dressings displayed on box | 5 | 10 | Y | 10 | 10 | Y |
| Are they supplied sterile | Y | Y | Y | Y | Y | Y |
| Maximum Wear time | 7 Days | 7 Days | 7 Days | 7 Days | 7 Days | 7 Days |
| Suitable for use with NPWT | N | Y | N | Y | N | N |
| Safe to cut to size | Y | Y | Y | Y | Y | Y |
| Clear panel to internal packaging to allow visualisation of dressing | Y | Y | Y | Y | Y | Y |
| Instructions for application on individual packaging | Y | Y | N | Y | N | N |
| Anti-Microbial Brand Available | N | N | Exufiber Ag+ | N | Durafiber AG | UrgoClean Ag |
| Tensile Strength as per SMTL test method TM-191 (N) - Length | 2.51 | 1.02 | 8.08 | 2.31 | - | 21.29 |
| Tensile Strength as per SMTL test method TM-191 (N) - Width | 2.1 | 0.24 | 5.41 | 4 | - | 28.71 |
| Free Swell Absorbency | 19.16 | 21.24 | 22.15 | 29.19 | 26.17 | 20.22 |
| Absorbency Category | High | High | High | Ultra High | Ultra High | High |
| Material | Sodium carboxymethyl cellulose (CMC), high-density polyethylene (HDPE), polyethylene terephthalate (PET) | Sodium carboxymethyl cellulose | Poly(vinylalcohol) (PVA) | Carboxymethyl cellulose | Cellulose ethyl sulphonate | Polyacrylate & Lipido-Colloids |

| Gelling Fibre Rope (Part 1) | | | | | | |
|--|---|---|---|---|---|---|
| Supplier | 3M UNITED KINGDOM PLC | ADVANCED MEDICAL SOLUTIONS LTD | ADVANCED MEDICAL SOLUTIONS LTD | COLOPLAST LIMITED | CONVATEC LTD | CREED MEDICAL LTD |
| Brand | KerraCel | ActivHeal AquaFiber | ActivHeal Aquafiber Extra | Biatain Fiber | Aquacel Ribbon | KytoCel |
| MPC | CWL-1035 | 10009148 | 9023670 | 33508 | S7503 | 3056 |
| NPC | ELY622 | ELY205 | ELY800 | ELY866 | ELY013 | ELY909 |
| Description | Gelling fibre dressing 2.5cm x 45cm ribbon | Alginate standard dressing 2cm x 46cm ribbon | Gelling fibre dressing 2cm x 46cm | Gelling fibre dressing 2cm x 46cm | Gelling fibre dressing 2cm x 45cm | Gelling fibre dressing 2.5cm x 45cm ribbon |
| Picture |  |  |  |  |  |  |
| Route | Stocked | Stocked | Blue Diamond | Blue Diamond | Stocked | eDirect |
| UOI | 5 | 5 | 5 | 10 | 5 | 100 |
| Range of Available Sizes | No further sizes available | No further sizes available | No further sizes available | No further sizes available | 1cm x 45cm | No further sizes available |
| Number of dressings displayed on box | Y | 5 | 5 | - | Y | 10 |
| Are they supplied sterile | Y | Y | Y | - | Y | Y |
| Maximum Wear time | 7 Days | 7 Days | 7 Days | - | 7 - 14 Days | 4 Days |
| Suitable for use with NPWT | N | N | N | - | Y | Y |
| Safe to cut to size | Y | Y | Y | - | Y | Y |
| Clear panel to internal packaging to allow visualisation of dressing | N | N | N | - | Y | N |
| Instructions for application on individual packaging | N | Y | Y | - | N | N |
| Anti-Microbial Brand Available | KerraCel Ag | Activheal Aquafiber Ag | Activheal Aquafiber Ag | - | Aquacel Ag+ Ribbon | N |
| Tensile Strength as per SMTL test method TM-191 (N) - Length | Not Testable* | Dry Strength= 11.66 Wet Strength= 3.30 | 11.66 | 0.65 | 19.78 | Not Testable* |
| Tensile Strength as per SMTL test method TM-191 (N) - Width | Not Testable* | Not Testable* | Not Testable* | - | Not Testable* | Not Testable* |
| Free Swell Absorbency | 23.72 | 38.26 | 38.26 | 22.83 | 24.71 | 41.66 |
| Absorbency Category | High | Ultra High | Ultra High | High | High | Ultra High |
| Material | 100% Carboxymethylcellulose (CMC) | CMC with Aliginate Scaffold | CMC with Aliginate Scaffold | (CMC) fibers with bicomponent (BiCo) fibers and a thermobonded net | Sodium carboxymethylcellulose and regenerated cellulose fibre | Acylated chitosan |

| Gelling Fibre Rope (Part 2) | | | | | | |
|--|--|--|---|---|---|---|
| Supplier | FARLA MEDICAL | JOINT OPERATIONS LTD | MOLNLYCKE HEALTH CARE LTD | OSCARTECH UK | SMITH & NEPHEW HEALTHCARE LTD | URGO LTD |
| Brand | FarlaFIBRE Ribbon | AOne | Exufiber | Fibrosol Extra Non-Adhesive | DuraFiber | Urgoclean |
| MPC | 545348 | GF20004510 | 709909 | FIBEX20450 | 66800563 | 550181 |
| NPC | ELY1014 | ELY946 | ELY844 | ELY992 | ELY333 | ELZ454 |
| Description | Gelling fibre dressing 2x45cm | Gelling fibre dressing 2 x 45cm | Gelling fibre dressing 2cm x 45cm ribbon | Gelling fibre dressing 2cm x 45cm | Gelling fibre dressing 2cm x 45cm | Gelling fibre dressing 2.5cm x 40cm |
| Picture |  |  |  |  |  |  |
| Route | Blue Diamond | Blue Diamond | eDirect | Blue Diamond | Stocked | Stocked |
| UOI | 5 | 10 | 25 | 50 | 5 | 5 |
| Range of Available Sizes | No further sizes available | No further sizes available | 1cm x 45cm | 1cm x 45cm 2.5cm x 45cm | No further sizes available | No further sizes available |
| Number of dressings displayed on box | 5 | 10 | Y | 5 | 5 | Y |
| Are they supplied sterile | Y | Y | Y | Y | Y | Y |
| Maximum Wear time | 7 Days | 7 Days | 7 Days | 7 Days | 7 Days | 2 Days |
| Suitable for use with NPWT | Clinician decision, as the dressing absorbs and sequesters it is not an ideal dressing for use with NPWT | Y | N | Y | N | N |
| Safe to cut to size | Y | Y | Y | Y | Y | Y |
| Clear panel to internal packaging to allow visualisation of dressing | Y | Y | Y | Y | Y | Y |
| Instructions for application on individual packaging | Y | Y | N | Y | N | N |
| Anti-Microbial Brand Available | N | N | Exufiber Ag+ | N | Durafiber AG | N |
| Tensile Strength as per SMTL test method TM-191 (N) - Length | Not Testable* | 0.56 | 5.34 | 2.64 N/mm (1188 N) | - | 5.73 |
| Tensile Strength as per SMTL test method TM-191 (N) - Width | Not Testable* | Not Testable* | Not Testable | 1.48 N/mm (29.6 N) | Not Testable* | Not Testable* |
| Free Swell Absorbency | 19.16 | 21.24 | 22.15 | 29.19 | 26.17 | 20.22 |
| Absorbency Category | High | High | High | Ultra High | Ultra High | High |
| Material | Sodium carboxymethyl cellulose (CMC), high-density polyethylene (HDPE), polyethylene terephthalate (PET) | Sodium carboxymethyl cellulose | Poly(vinylalcohol) (PVA) | Carboxymethyl cellulose | Cellulose ethyl sulphonate | Polyacrylate and Lipido-Colloids |

References:

*The data for tensile strength was obtained via independent laboratory testing, against a standard methodology. A number of dressings, did not retain adequate cohesion, once wet, to undergo the testing methodology and are therefore listed as 'Not Testable'.

If you have any questions, would like further information, or have feedback to share, please contact:

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