Wound Management

HARTMANN Wound Management Catalogue

Wound Management

HydroTherapy

Efficacy. And Simplicity.

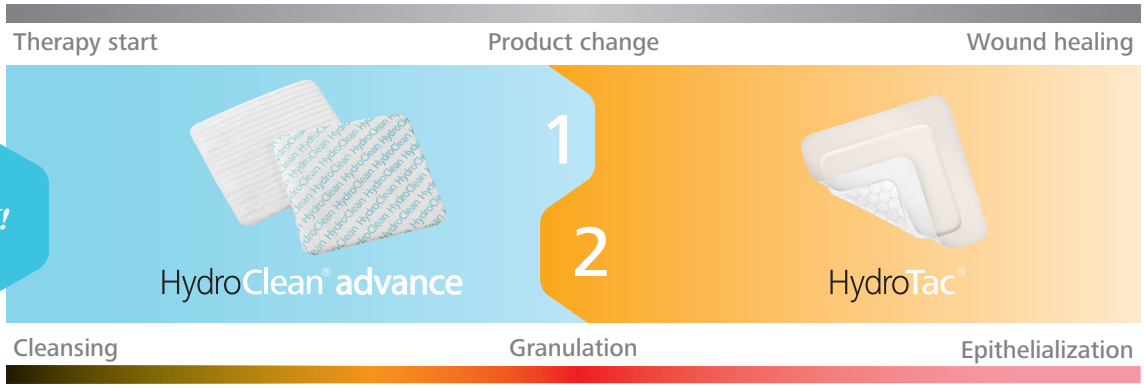
Innovative wet treatment for problematic wounds:

- Universal treatment of poorly healing wounds
- Proved effectiveness through a special hydrogel technology
- Only two different products
- Optimal for all wound stages
- High wearing comfort

Benefits for users and patients:

- Clear indication
- Shorter treatment duration
- Easier treatment
- Safe application
- Comfortable for the patient

About HydroTherapy
An innovative approach to wound healing.



HARTMANN's two-step HydroTherapy technology starts with HydroClean® advance to cleanse the wound and stimulate healthy granulation tissue.

To speed up wound closure, HARTMANN developed HydroTac®, a dressing containing hydrated polyurethanes that boost the concentration of growth factors and increase the activity of epithelial cells.[7]

About HARTMANN
Going further for health.

HARTMANN's expertise in wound care and management dates back more than 140 years with the production of the first antiseptic wound dressing. The company pioneered the introduction of polyacrylate super absorbing polymers that accelerate safe and effective wound healing. This is a technology platform clinically proven to significantly enhance wound bed preparation.

In 2013, HARTMANN introduced its HydroTherapy technology via two hydro-responsive wound dressings: **HydroClean® and HydroTac®**.

7 Smola H., Maier G., Junginger M., Kettel K., Smola. Hydrated polyurethane polymers to increase growth factor bioavailability in wound healing. Presented at the EORS, Congress (2014) Nantes

Learn more about HydroTherapy at: hydrotherapy.info

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HydroTherapy
Efficacy. And Simplicity.

HARTMANN

HydroClean advance®

Wound dressing premoistened with Ringer's solution
for wet/moist treatment of wounds

EN

Instructions for use

Product description and composition
HydroClean advance is a hydroactive wound dressing that contains, as a core component, a superabsorbent polyacrylate (SAP) embedded in cellulose fibers and activated (premoistened) with Ringer's solution. The wound contact layer of the dressing is made up of a knitted fabric, consisting of polypropylene, to which silicone strips have been applied. The wound contact layer and the silicone strips counteract adhesion to the wound bed. On the side facing away from the wound, a water-impermeable polypropylene film, coated with a hydrophobic polypropylene non-woven fabric, prevents the wound dressing pad from drying out too early. This enables moisture to be delivered to the wound bed for up to three days, whilst the polypropylene film also prevents the outer surface of the dressing from being soaked.

Properties and mode of action
HydroClean advance delivers Ringer's solution to the wound for up to three days. During this time, interactive and continuous wound irrigation takes place, due to the wound dressing pad also absorbing wound exudate. The SAP used in HydroClean advance inactivates matrix metalloproteinases (MMP) which impair wound healing. As a result, stagnating healing in chronic wounds can be reactivated.

Intended use
HydroClean advance is suitable for wet/moist treatment of wounds. The dressing should be used by healthcare professionals or laypersons trained by healthcare professionals.

Indications
HydroClean advance is indicated for the wet management of dry, light and moderately exuding wounds, in particular of wounds with impaired healing tendency. The product is especially suitable for the treatment of chronic and poorly healing wounds during the cleansing and granulation stage. HydroClean advance can also be used for the treatment of infected wounds. HydroClean advance can furthermore be used to reactivate stagnating healing processes if these are caused by excessive MMP activity.

Mode of application and dressing change
The packaging and the dressing should be checked for damages. HydroClean advance should not be used if damages are detected. The dressing change should be carried out according to current medical standards. It should especially be carried out under aseptic conditions. The white side of the dressing facing the wound must therefore not be touched with unsterile hands/gloves or instruments. HydroClean advance is placed on the wound with the white side of the dressing facing the wound and the blue inscription facing upwards. HydroClean advance must be in contact with the wound bed and should overlap the wound's edges. HydroClean advance cavity can be inserted into deep wounds and can then be covered with HydroClean advance. HydroClean advance should be secured with suitable dressing retention material. HydroClean advance is also suitable to be used under compression bandages or stockings.The dressing can remain in situ for up to three days, depending on clinical judgement. The dressing should be changed if the absorption capacity is exhausted or the dressing dries out prematurely. In most cases, HydroClean advance can be removed from the wound without causing additional pain. Should the wound dressing pad adhere to the wound, it can be irrigated with a sterile physiological saline or Ringer's solution prior to removal to loosen the adhesion.

Special precautions
Before treating wounds with impaired healing tendency, the wound condition and the causes of the impairment must always be assessed by a physician or other healthcare professional. Treatment with HydroClean advance cannot replace treatment of the cause of impaired wound healing. HydroClean advance must not be cut to size or otherwise damaged mechanically. If HydroClean advance is applied on the sole of a foot, the patient must not stand or walk on it because the dressing may burst. If the dressing is damaged, SAP particles and fibers may get into the wound. They should be rinsed out with a sterile physiological saline or Ringer's solution. Infected wounds and wounds highly exposed to bacteria should only be treated under the supervision of a physician or other healthcare professional, particularly if a film dressing is used for fixation. Moisturizing dressings like HydroClean advance are not recommended to be used to treat dry necrotic foot wounds caused by arterial occlusive disease. Third degree burns must be treated by surgical procedures prior to the use of HydroClean advance. Topical medication or disinfectants should not be applied during treatment with HydroClean advance. The dressing may absorb or otherwise compromise the efficacy of the agents. HydroClean advance should not be used to treat heavily exuding wounds. If the skin around the wound is particularly sensitive and impaired, it is advisable to protect the skin with suitable skin protection. In patients with a risk of excessive bleeding (e.g. due to blood-thinning medications), HydroClean advance should be removed with caution at each dressing change. If necessary, HydroClean advance should first be irrigated with Ringer's solution or physiological saline solution as described above. Safety and effectiveness in pregnant women and children have not been established.

Contraindications
Do not use HydroClean advance on patients with an intolerance to any of its components.

Side effects
At the start of the treatment with HydroClean advance, breakdown of irreversibly damaged tissue can lead to an increase in the size of the wound. This can be a sign that wound healing has commenced. Reddening of the wound edges can occur during wet/moist treatment; this is normally a sign that blood circulation has been reactivated as the wound begins to heal. However, the cause must be assessed individually in each case. HydroClean advance therapy itself does not cause any pain. However, an open wound is often highly sensitive to mechanical stimuli. The question whether an adequate analgesic therapy is indicated must be considered on a case-by-case basis. Whilst wet/moist treatment with Ringer's solution does not lead to maceration of vital cells, it can cause swelling of the soaked plantar horny layer, which then appears as a whitish coating.

Product disposal
In order to minimize the risk of potential infection hazards, or environmental pollution, disposable components of HydroClean advance should follow disposal procedures according to local regulations and infection prevention standards.

Special instructions
Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established. Re-use of HydroClean advance may cause skin irritations, a prolonged healing time, pain, and/or infections. Reprocessing a device, in order to reuse it, may seriously damage its integrity and its performance. Keep out of the reach of children.

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HydroTac®

Foam dressing impregnated with gel

EN

Instructions for use

Product description
HydroTac* is a foam dressing with a gas-permeable, waterproof and bacteria resistant outer layer made of polyurethane, coated with a hydrogel layer. The gel consists of a water-containing polyurea / hybrid polyurethane-polymer, containing propylene glycol. In addition, HydroTac Comfort/HydroTac Sacral/ HydroTac Border Multisite have an adhesive border, coated with a polyacrylate adhesive.

Intended use / Indications
HydroTac is suitable for the treatment of wounds during the granulation and epithelialization phases with low to moderate exudation.
HydroTac is intended to be applied by wound care professionals. Wound care professionals may delegate dressing changes to patients and/or their relatives (non-professionals under guidance of professionals).

Properties and mode of action
Due to its structure, HydroTac can absorb wound exudate and release moisture. This provides the necessary moist wound environment which has a stimulating effect on wound healing. The gel on the side of the wound-contact layer prevents the dressing from sticking to the wound. It enables an atraumatic dressing change.
As HydroTac Comfort/HydroTac Sacral/ HydroTac Border Multisite have an adhesive border, no additional materials are needed to secure the dressing.

Mode of application
Select dressing size such that the wound pad overlaps the edges of the wound, depending on peri-wound skin condition (approx. 1 – 2 cm). If required, the product HydroTac/ HydroTac concave may be cut to desired size, using sterile scissors only. Surrounding skin should be dry and free of surface oils and contaminants before application of products with adhesive border.

Product without adhesive border: Remove the white protective foil following the numbering (1 & 2), place the dressing with the gel-coated side onto the wound.
For fixation please use a suitable secondary dressing.
Product with adhesive border: Remove the white protective foil following the numbering (1 & 2), place the dressing with the gel-coated side onto the wound and firmly press down on the adhesive edges. (Taking care that no pressure is applied to the wound.) Remove the protective top layer following the numbering (3 & 4).

HydroTac sacral: Remove the white backing foil number 1, place the dressing with the gel-coated side on the wound and firmly press down on the adhesive edges. Then remove the remaining backing foils number 2 from the sides and press down the adhesive edges. Remove the protective top layer following the numbering (3 & 4).

Make sure that the entire exposed wound bed is covered by the wound pad. Deep, tunneled wounds should not be treated with HydroTac. The dressing should be changed when clinically indicated or when exudate becomes visible at the edges of the dressing.

HydroTac may remain on the wound for up to seven days.

To change the dressing, detach HydroTac slightly at one edge and remove it carefully to avoid skin stripping.

Product Disposal
To minimize the risk of potential infection hazards or environmental pollution, disposable components of HydroTac should follow disposal procedures according to applicable and local laws, rules, regulations and infection prevention standards.

Possible adverse events
As any other medical device, this product can have side effects, which does not occur for everybody.
General side effects of HydroTac:
In rare cases HydroTac may cause allergic reactions.
In rare cases HydroTac may cause local skin reactions (irritation, redness, swelling, etc.).
In rare cases HydroTac may adhere too strongly.
In very rare cases HydroTac may cause skin stripping.
In very rare cases parts of HydroTac may remain in the wound.

Contraindications
Do not use HydroTac on patients with an intolerance to any of its ingredients, especially propylene glycol, polyurethane or acrylic based adhesive. Contact the manufacturer for additional information.

Precautions
Prior to the treatment of wounds with impaired healing, a medical assessment of the wound condition and the cause of the healing disorder should be undertaken. Treatment with HydroTac cannot replace the treatment of the underlying cause of impaired healing.

In the case of clinically infected wounds and in areas with exposed bones and tendons, HydroTac should only be used under medical supervision.
In the event of full thickness second degree and third degree burns, HydroTac may be used under medical supervision following debridement of necrotic tissue or surgical treatment.
Do not use HydroTac in conjunction with oxidants such as hypochlorite solutions or hydrogen peroxide. This can damage the wound dressing.
The use of HydroTac on children under 5 years, pregnant and breastfeeding women has not been established. Caution should be undertaken by your attending physician or wound care specialists.

In the absence of available data supporting the use of this dressing on sensitive population groups such as infants, children, pregnant or nursing women, and in the absence of data to the contrary, on these population groups this dressing should be used with caution following a clinician's recommendation.
Reuse of a single-use medical device is dangerous. Reprocessing devices, in order to reuse them, may seriously damage their integrity and their performance. Information available on request.

Notice to the user and patient: Please report any serious incident that has occurred in relation to the device to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

General instructions
* Any reference to HydroTac contained in the text, refers to all presentations; unless otherwise specified.

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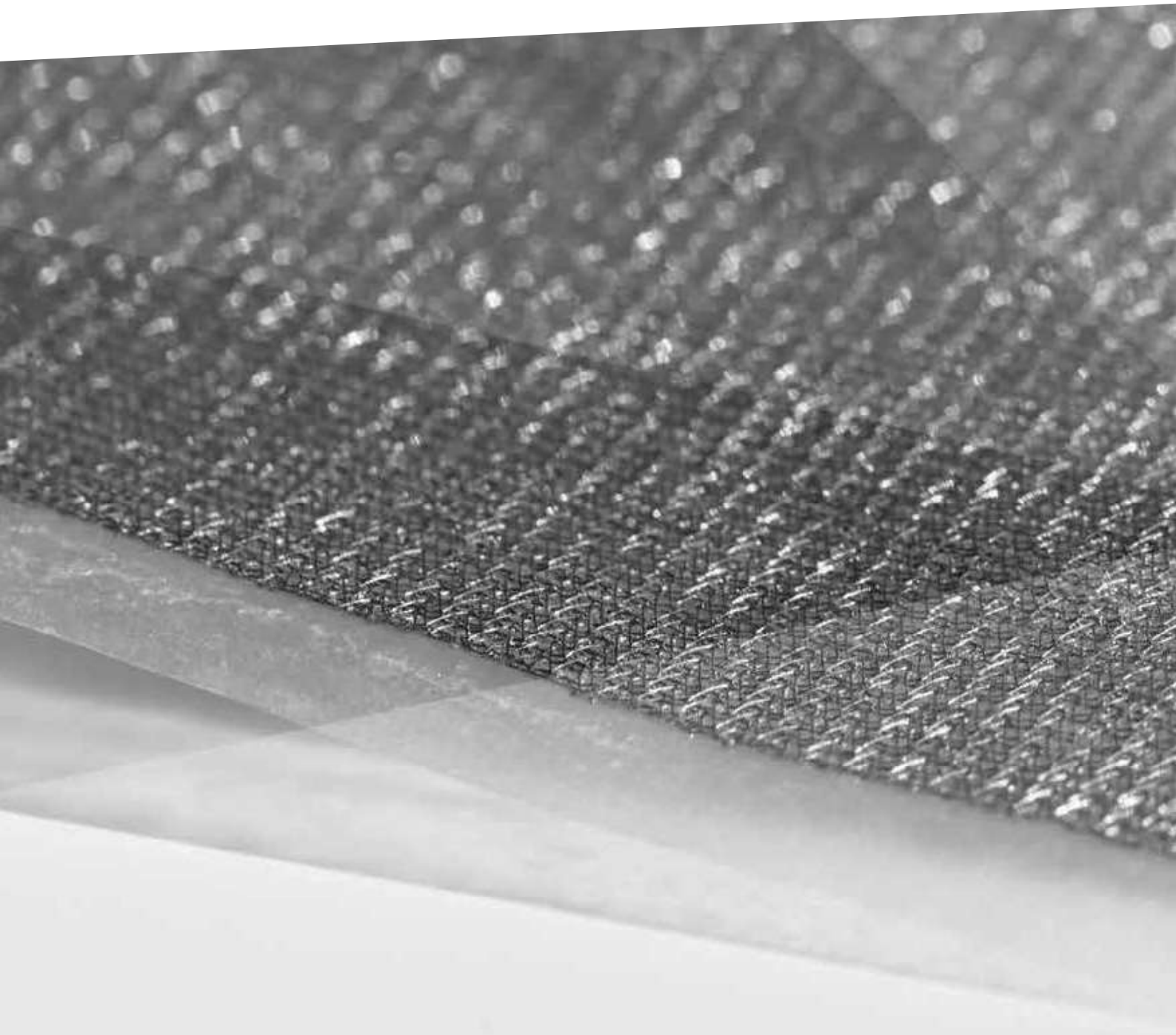
Wound
Management

Wound Contact Layers



Gentle dressing changes are a significant factor in the success of wound management. They reduce pain for patients and make the healing process more efficient. HARTMANN has developed a solution for this:

For combatting bacteria:
Atrauman® Ag

For wound protection:
Atrauman® Silicone

For preventing maceration:
Grassolind®

Atrauman® Ag

Silver-containing impregnated dressings

EN

Instructions for use

Product description
Atrauman Ag is a non-adherent silver-containing barrier dressing for atraumatic wound treatment.

Composition
Support fabric made of polyamide fibres coated with elemental silver. The impregnation is non-medicated and triglyceride based (neutral lipids). The impregnation contains (INCI assigned names): Caprylic/Capric/Myristik/Stearic Triglyceride; Bis-diglyceryl-polyacyladipate-2 and Macrogol 2000.

Properties and mode of action
The soft, thin support fabric drapes easily and ensures close contact with the wound base. The fabric's surface and the impregnation counteract adhesion to the wound; as a result, the dressing supports atraumatic dressing changes. Atrauman Ag acts as a silver-containing barrier dressing. The impregnation protects the wound edges helping to prevent maceration, it is non-medicated, contains no paraffin.

Intended use
Atrauman Ag is a non-adherent wound contact layer suitable for the treatment of chronic wounds, such as ulcus cruris, diabetic leg ulcer and decubitus. It is also suitable for the treatment of acute burns up to 2nd degree. Atrauman Ag is suitable for the treatment on the human skin by professional users.

Indication for use
Atrauman Ag is suitable for the treatment of ulcus cruris, diabetic leg ulcer and decubitus and, furthermore, within the acute indication of burns up to 2nd degree. Atrauman Ag needs to be combined with a suitable secondary dressing (either absorbent or superabsorbent dressings, foam dressings or gauzes, e.g. Zetuvit Plus) according to its instructions for use.

Mode of application
Take the Atrauman Ag from the peel pack with both cover papers in place and, if necessary, cut it so that it fits the size of the wound by applying sterile conditions. Atrauman Ag should overlap the wound and should be about the same size as the secondary dressing. Remove the cover paper on one side. Either place the free side on the wound and then remove the remaining cover paper (see pictograms 1 – 5) or use sterile tweezers or sterile gloves to pick up Atrauman Ag from the second cover paper and place it on the wound (see pictograms a-f). Atrauman Ag should be applied in a single layer, do not fold or apply in multiple layers. Secure a suitable sterile, secondary dressing (either absorbent or superabsorbent dressings, foam dressings or gauzes e.g. Zetuvit Plus) according to its use instructions over Atrauman Ag to absorb wound exudate. As an alternative, the Vivano negative pressure wound therapy system can be used. In particular, in the case of deep wounds, it must be ensured, that Atrauman Ag is in direct contact with the absorbent wound dressing so that no creasing occurs in order to guarantee unimpaired drainage of exudate. In the case of thick exudate, it is recommended to cut in Atrauman Ag with sterile scissors to prevent accumulation of exudate. Please observe the related instructions for use before combining the dressing with the Vivano negative pressure wound therapy system. The efficacy of the barrier dressing lasts for up to seven days. Unless otherwise prescribed by the doctor or medically indicated, a new Atrauman Ag dressing should be applied at each dressing change. The wear time of one dressing shall not exceed seven days.

Contraindications
Do not use Atrauman Ag on patients who may be allergic to any of its ingredients. Do not use on dry wounds.

Special precautions
Treatment with Atrauman Ag does not replace a requisite antibiotic therapy.
In the absence of available data supporting the use of this dressing on sensitive population groups such as infants, children, pregnant or nursing women, and in the absence of data to the contrary, on these population groups this dressing should be used with caution following a clinician's recommendation.

Side effects
In very rare cases Atrauman Ag might adhere to the wound, causing pain and bleeding upon removal. In very rare cases Atrauman Ag might cause allergic reactions. As found with other silver-containing dressings, Atrauman Ag may commonly cause temporary discoloration of the wound or wound margin.

Warnings
Do not use Atrauman Ag in combination with iodine- or paraffin-containing dressings or ointments.

Product disposal
In order to minimize the risk of potential infection hazards, or environmental pollution, disposable components of Atrauman Ag should follow disposal procedures according to the local regulations and infection prevention standards.

Date of revision of the text: 2020-02-27

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Atrauman® Silicone

Silicone wound contact layer

GB

Instructions for use

Product description
Atrauman Silicone is a wound contact layer for the atraumatic treatment of wounds and for the protection of organs and other sensitive structures in negative pressure wound therapy.

Composition
Wound contact layer made of a polyethylene terephthalate (PET) mesh as carrier material which is coated on both sides with (polydimethylsiloxane-based) silicone gel.

Properties and mode of action
Atrauman Silicone is a thin, soft and drapable wound contact layer. It assures good contact with the wound bed and is pervious to exudate. Through cutting to size with sterile scissors, Atrauman Silicone can be adapted to various wound sizes, shapes and locations. The silicone layer adheres gently and securely to dry surfaces but not to moist surfaces. In this way, it does not adhere to the wound and the dressing can therefore be painlessly removed. The wound contact layer adapts to the skin structure so that on removal, no skin cells are taken with it or pain is caused.
In combination with a secondary dressing or with the Vivano negative pressure wound therapy system, the wound contact layer makes changing the dressing atraumatic and painless. Furthermore, organs and other sensitive structures are protected by the silicone wound contact layer against ingrowth into the VivanoMed Foam when applied with the Vivano negative pressure wound therapy system. This makes it possible to apply negative pressure wound therapy with the Vivano system directly over organs and other sensitive structures.

Atrauman Silicone is not absorbent. Through the open mesh structure, exudate can be taken up into an absorbent secondary wound dressing. Please be aware that the quantity of exudate can also have an influence on the frequency of dressing changes and, accordingly, the risk of maceration. Please observe the instructions when changing the secondary dressing.

Negative pressure wound therapy
In combination with the Vivano negative pressure wound therapy system, the wound contact layer directs exudate into the VivanoMed Foam open-pore negative pressure foam dressing. Please observe the instructions for use when changing the VivanoMed Foam negative pressure foam dressing.

Indications
Atrauman Silicone is a wound contact layer for
- the treatment of superficial, acute and chronic, slightly to moderately exuding wounds of all types;
- the combination with the Vivano negative pressure wound therapy system especially on wound sites with exposed organs and other sensitive structures;
- the use as protective layer on non-exuding wounds and on sensitive skin areas.

Application notes
Atrauman Silicone should only be used in combination with the Vivano negative pressure wound therapy system by specialist medical personnel.

Preparation of the wound
- Before applying the dressing for the first time, and after each dressing change, the wound must be thoroughly cleansed in accordance with the physician's instructions.
- Dry the skin around the wound.

Application of the silicone wound contact layer (pictograms 1 - 3)
- Select a Atrauman Silicone size which precisely covers the wound. You can cut the Atrauman Silicone to size accordingly. Use sterile scissors. If you have to use more than one piece, ensure that the pores are exposed where the pieces of Atrauman Silicone overlap.
- Remove the Atrauman Silicone with both covering films from the peel package.
- Firmly hold the longer of the two covering films while pulling off the other film.
- Place the adhesive side on the wound and smooth out the Atrauman Silicone. Then remove the remaining covering film.

Application of a secondary dressing
- To take up wound exudate, affix a sterile, absorbent wound dressing (e.g. Zetuvit plus) or a sterile negative pressure wound dressing for the negative pressure wound therapy over the Atrauman Silicone. Please observe the relevant instructions for use before combining it with the Vivano negative pressure wound therapy system.

Dressing change
- Depending on the condition of the wound, Atrauman Silicone can be left on the wound for several days if medically required. However, after at least three days, you should check the wound on ingrowth of tissue. This is particularly important if organs and other sensitive structures are exposed directly under the silicone wound contact layer when combined with VivanoMed Foam.
- When changing the dressing you can leave Atrauman Silicone on the wound if medically required.
- Never use Atrauman Silicone more than once.
- If you are using Atrauman Silicone for the fixation of skin transplants, you should not change the dressing before the fifth day after the graft.

Contraindications
Do not use Atrauman Silicone on patients who may be allergic to any of its ingredients.

Special precautions
- The following precautionary measures should be taken in the case of burns treated with "mesh grafts" and in the case of cosmetic facial treatment to avoid a build-up of imprints: Avoid unnecessary compression. Move the dressing every 2 days in the case of cosmetic facial treatment.
- Please check regularly to avoid a build-up of exudate in the case of bleeding wounds and wounds with a viscous exudate. Please observe the special precautionary measures for using negative pressure wound therapy in the case of bleeding wounds.
- When used as protective layer over organs, special attention should be given to the intervals between dressing changes.
- Atrauman Silicone does not protect the tissue against drying out. Therefore its use over organs and sensitive structures should be considered only after careful medical evaluation.

Special precautions
Store in a dry place.
Contents sterile unless peel pack is damaged.
Do not resterilise.
Keep out of the reach of children.

Date of revision of the text: 2014-06

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Wound Management

Alginate Dressings

Sorbalgon® / Sorbalgon® T (calcium alginate)

Protects the wound

Absorbs and promotes moist wound environment

Features:

- Conformable dressing
- Forms into a non-adherent gel when in contact with wound exudates
- Highly absorbent
- Draws bacteria from the wound
- Available in a conformable ribbon - Sorbalgon® T

Benefits:

- Suits all parts of the body
- Creates a microclimate that promotes granulation
- Helps in reducing bacterial burden

Indications:

For any type of exuding wound; i.e. venous leg ulcers, pressure ulcers, abscesses, furuncles, burns, difficult wounds following accident or tumor surgery

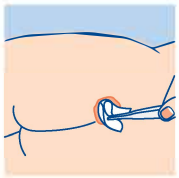
Contraindications:

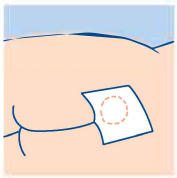
Dry wounds

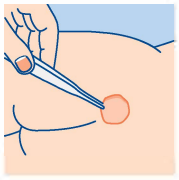
Wear Time:

Change when the dressing has completely turned into gel (should not be left more than 5 days)
Ensure removal of all calcium alginate fibers at dressing change

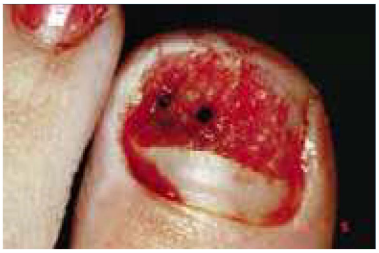
Applications:







Product	Size	Package Contents	Article No.
Sorbalgon®	5 x 5 cm	10 pcs	999 598
	10 x 10 cm	10 pcs	999 595
	10 x 20 cm	5 pcs	999 589
Sorbalgon® T	2g / 30 cm	5 pcs	999 592

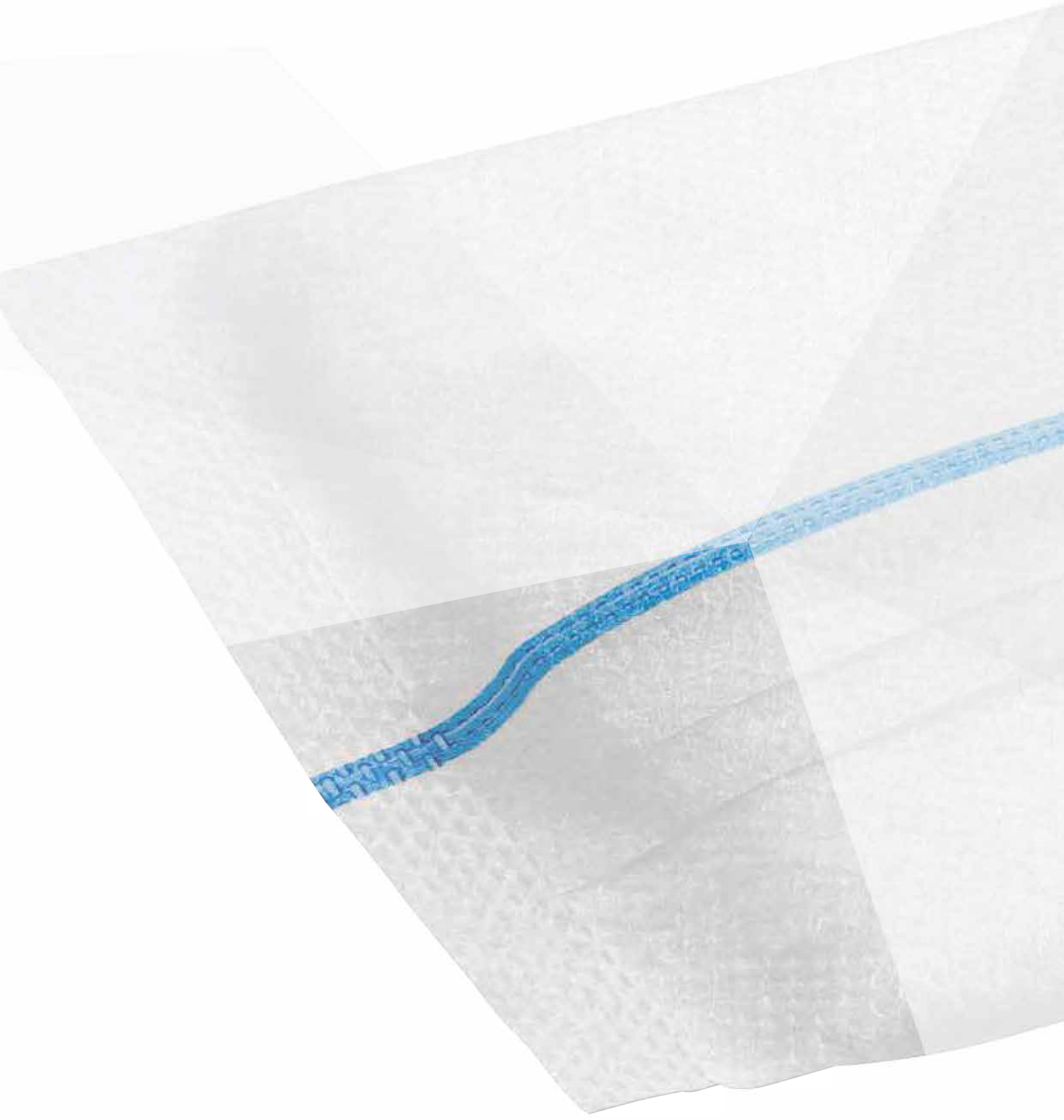


	Exudate Level 💧💧	Exudate Level 💧💧💧
Primary dressing:	Sorbalgon® or Sorbalgon® T	Sorbalgon® or Sorbalgon® T
Secondary dressing:	PermaFoam®	Zetuvit® E or PermaFoam®
Fixation, if needed:	Peha-haft® bandage or Omnifix® E or Hydrofilm®	

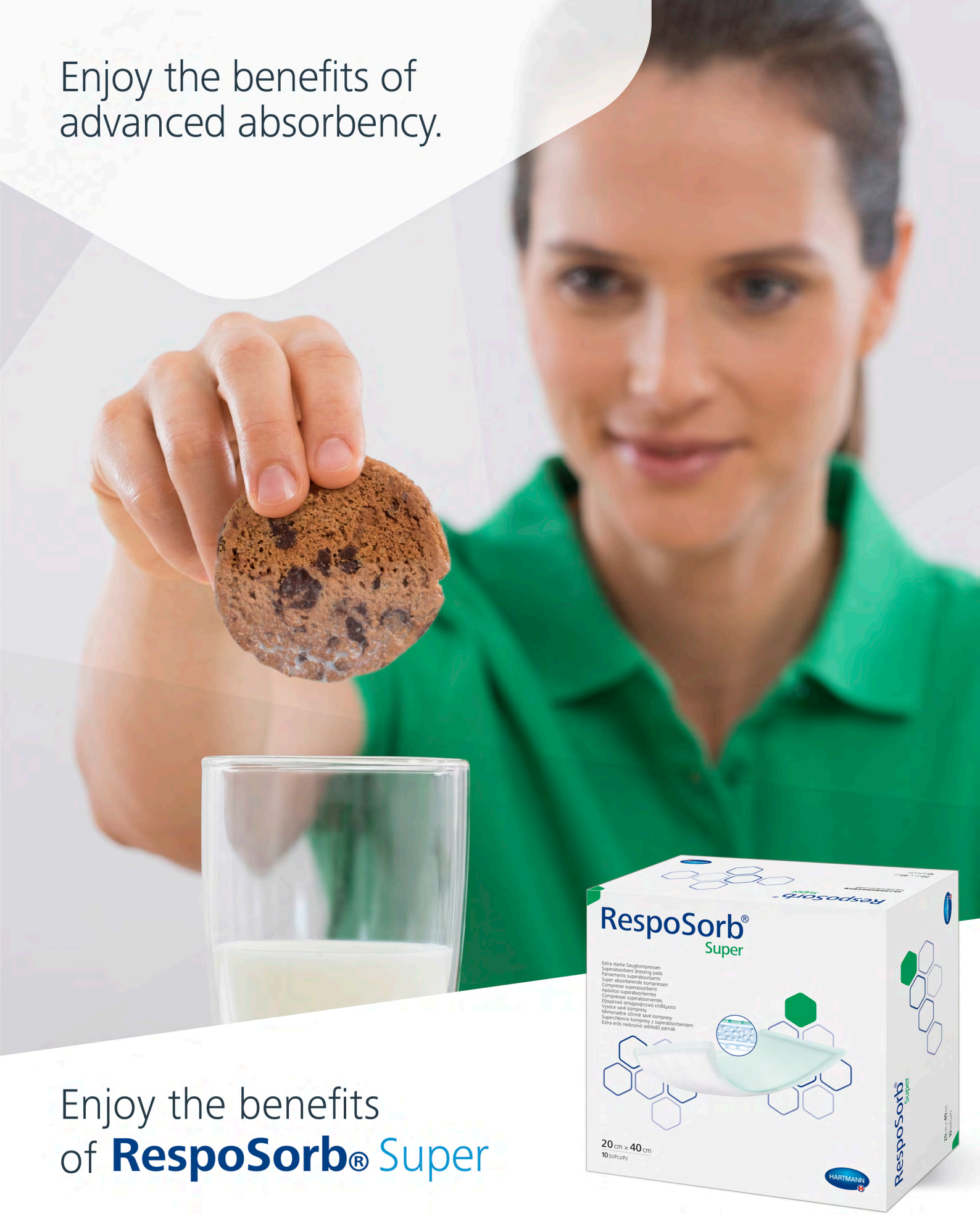
Note: Can be used with Atrauman® Ag for antibacterial effect

Wound Management

Absorbent Dressings



Enjoy the benefits of advanced absorbency.



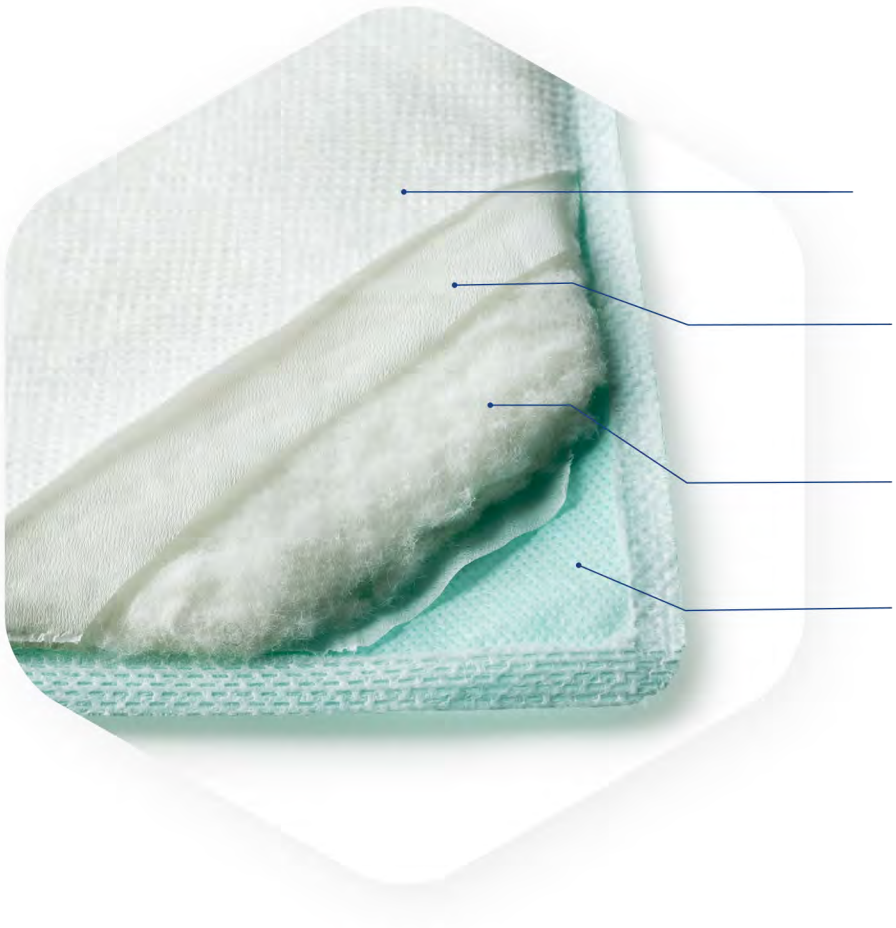
Enjoy the benefits of **RespoSorb®** Super

Wound Management

HARTMANN

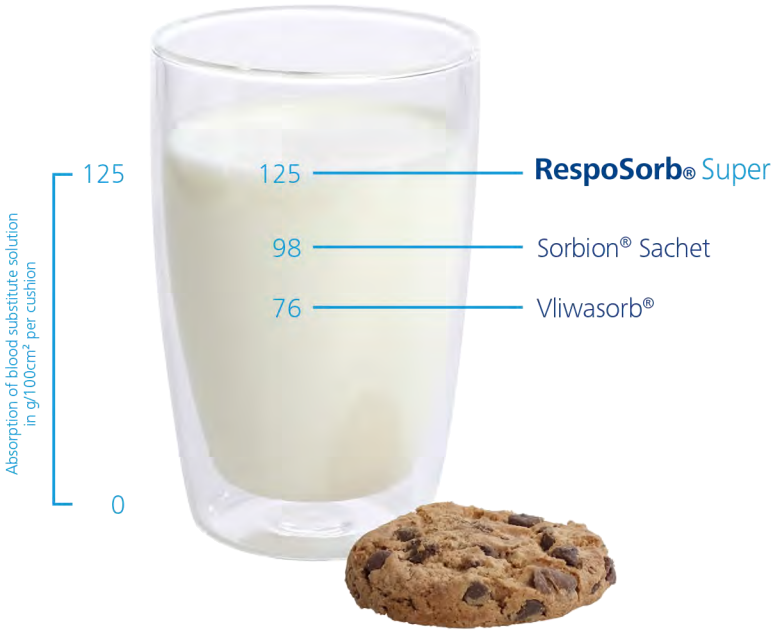
Experience the new **RespoSorb®** Super

Your solution to comfortably manage highly exuding wounds, layer by layer.



1. **Soft wound contact layer** – Ensures fast transfer of exudate into the dressing and prevents from adhering to the wound.[1,2]
2. **Diffusion layer** – Offers a homogeneous distribution of the exudate into the superabsorbent core for optimized fluid handling.[1]
3. **Superabsorbent core** – Absorbs and traps fluid safely, even under pressure. It further offers soft padding effect.[1]
4. **Green, water repellent outer layer** – Protects clothing and bedding and is permeable to air.[2]

RespoSorb® Super is the most used superabsorbent dressing in Europe* and outperforms competitors as the #1 dressing for highly exuding wounds.**



Up to double the fluid retention level compared to similar products and better than competitors when absorbing under pressure.[3]

> "RespoSorb® Super *is highly absorbent and holds the exudate. There was no maceration.****[4]"

Test method:
Free absorption: 30 min following EN 13726-1 chapter 3.2 | Retention: test method modified from SMTL TM – 404 | Blood substitute solution = 0.9% NaCl, 7% Proteins (g/g)

* Pharmacy prescription data 2015 | ** Compared to 10 competitor products and based on EN 13726-1 chapter 3.2 and modified from SMTL TM-404 | *** Quoted by user during HARTMANN user and patient test, 2016, n=158

Safe, efficient and comfortable.
RespoSorb® Super stands by you.

The safety and comfort of your patients are key. In addition, Zetuvit® Plus saves you time and costs, bringing you closer to optimal results.

- **High safety** – The high absorption and retention capacity allow for superior fluid handling and no skin maceration[5] while the water repellent outer layer protects bedding and clothing.[2,4]
- **Cost-effective and time saving[4]** – Fewer dressing changes are required thanks to the absorbency and retention capacity,[1] leading to proven cost-effectiveness.[6]
- **High wearing comfort** – Pleasant and comfortable wearing due to soft materials and high flexibility as acknowledged by over 90% of the patients.[1]

RespoSorb®
Super

advanced absorbency and retention that you can trust

Rely on **RespoSorb®** Super, the #1 dressing for highly exuding wounds.**[3]

RespoSorb® Super is especially suitable for the treatment of superficial, severely exuding acute or chronic wounds such as decubitus, leg ulcers and exulcerating tumours.

If you would like to know more about HARTMANN, visit our website at **www.hartmann.info**

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References

** Compared to 10 competitor products and based on EN 13726-1 chapter 3.2 and modified from SMTL TM-404

1 D. Kaspar. Dealing effectively with heavily exuding wounds – Zetuvit Plus tested in clinical practice. Publication 2007, PAUL HARTMANN AG/Heidenheim, Germany

2 Data on file (Specification number P.6.1203)

3 Data on file (Performance Data)

4 Data on file (Research Results Zetuvit Plus Product Test)

5 World Union of Wound Healing Societies (WUWHS). Principles of best practice: Wound exudate and the role of dressings. A consensus document. London: MEP Ltd, 2007

6 Data on file (J.Linder, Zetuvit Plus cost-efficiency calculations based on technical data for England and Germany)

HARTMANN

Going further for health

Wound Management

Foams

PermaFoam® classic

Foam dressing

EN

Instructions for use

Product description

PermaFoam Classic* is a hydrophilic polymer with a three-dimensional foam structure which can effectively absorb wound exudate and maintain a moist wound environment.
PermaFoam Classic Border also has an adhesive border coated with a polyacrylate adhesive.

Composition

- PU Foam
- Polyacrylate
- PU Film

Indications

PermaFoam Classic is a sterile, non-medicated single-use polyurethane foam dressing indicated for medium to highly exuding, acute and chronic wounds, such as venous ulcers (leg ulcers), pressure ulcers II-IV, diabetic foot ulcers, donor sites, abrasions, incisions.

Mode of application

1. Clean the wound with a physiological solution or as instructed by the clinician and dry the surrounding skin gently.
2. Choose a suitable dressing size for the wound making sure that the central pad exceeds the edges of the wound by around 1-2 cm.
3. When using the non-adhesive version of PermaFoam Classic: Place PermaFoam Classic with the white side on the wound so that the beige outer layer is facing away from the wound. Secure the dressing with an additional fixation.
4. When using PermaFoam Classic Border: Remove the release liners, apply the white side of the foam pad to the wound and press down the adhesive edges firmly.
5. PermaFoam Classic can remain on the wound for up to 7 days. Please note that the frequency of dressing change depends on the condition of the wound and the level of exudate. Total period of treatment must not exceed 30 days in case of permanent use.

PermaFoam Classic Sacral: see diagram 1
PermaFoam Classic Concave: see diagram 2
PermaFoam Classic Tracheostomy: see diagram 3
PermaFoam Classic: see diagram 4
PermaFoam Classic Border: see diagram 5

Contraindications

PermaFoam Classic is contraindicated on any patients who may be allergic to any of its ingredients.

Precautions

- Do not use the product in case of infected wounds.
- If redness or allergic reactions occur, please stop the treatment with PermaFoam Classic.
- If the wound is caused by circulatory disorder or diabetic foot ulcer, please check the wound status on a daily basis.
- Please remove the product before applying radiation treatment, including X-ray, ultrasonic therapy, thermotherapy and microwave therapy.
- Do not use PermaFoam Classic in combination with hydrogen peroxide.

Product disposal

In order to minimize the risk of potential infection hazards, or environmental pollution, disposable components of PermaFoam Classic should follow disposal procedures according to applicable and local laws, rules, regulations and infection prevention standards.

Special precautions

In the absence of available data supporting the use of this dressing on sensitive population groups such as infants, children, pregnant or nursing women, and in the absence of data to the contrary, on these population groups, this dressing should be used with caution following a clinician's recommendation.
Notice to the user and/or patient that any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.
Reusing a single-use medical device is dangerous. Reprocessing devices, in order to reuse them, may seriously damage their integrity and their performance.

*Any reference to PermaFoam Classic contained in the text refers to all presentations - unless otherwise specified.

Information available on request.

Date of revision of the text: 2019-03-13

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ZA – HARTMANN South Africa · Northriding, 2162

Wound Management

Hydrocolloids

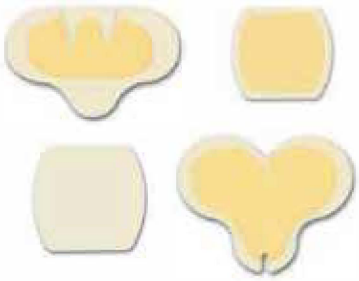
Hydrocoll®

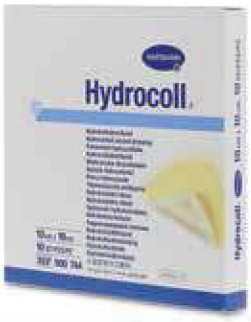
Protects the wound

Promotes a moist wound environment

Prevents infection

Gelatin-free hydrocolloid





Features:

- Adhesive
- Absorbs 5.8g/g of exudate 48 hours
- Breathable
- Transforms into a gel form
- Can be removed painlessly
- Can be cut to size
- Resists roll-off

Benefits:

- Can be molded onto body's contour
- Durable
- Prevents bacterial penetration
- Stimulating effect on granulation and epithelialization
- Easy to apply

Indications:

For the treatment of wounds with low to moderate exudate, during the granulation and epithelialization phase. For moist wound treatment, e.g. for treatment of chronic, slow healing wounds which are not clinically infected, e.g. ulcers of the leg, pressure sores, second-degree burns
Hydrocoll® sacral is designed for the specific treatment of pressure sores within the sacral region;
Hydrocoll® concave is designed for treatment of wounds on the heel and elbow
Hydrocoll® thin, having a lower absorption capacity, should preferably be used during the epithelialization phase

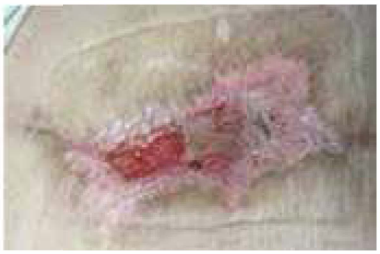
Contraindications:

Infected wounds
Necrotic wounds
Sloughy wounds

Wear Time:

Up to 5 days
Dressing should be 1–2cm larger than the wound

Applications:



Product	Size	Package Contents	Article No.
Hydrocoll®	5 x 5 cm	10 pcs	900 740
	7.5 x 7.5 cm	10 pcs	900 742
	10 x 10 cm	10 pcs	900 744
	15 x 15 cm	5 pcs	900 748
	20 x 20 cm	5 pcs	900 749
Hydrocoll® thin	10 x 10 cm	10 pcs	900 758
	7.5 x 7.5 cm	10 pcs	900 757
	15 x 15 cm	5 pcs	900 760
Hydrocoll® concave	8 x 12 cm	10 pcs	900 756
Hydrocoll® sacral	12 x 18 cm	5 pcs	900 755
Hydrocoll® Standard Version (straight edges) thin	10 x 10 cm	10 pcs	900 942
	15 x 15 cm	10 pcs	900 943
Hydrocoll® Standard Version (straight edges)	10 x 10 cm	10 pcs	900 938
	15 x 15 cm	10 pcs	900 939
	20 x 20 cm	10 pcs	900 940

	Exudate Level 💧	Exudate Level 💧💧
Primary dressing:	Hydrocoll® or Hydrocoll® thin	Hydrocoll®
Fixation, if needed:	Peha-haft® bandage or Omnifix® E	

Wound Management

Post OP Dressings

Hydrofilm® plus (film with pad)

Protects the wound

Absorbs moisture

Features:

- High moisture vapor transmission rate (MVTR)
- Hypoallergenic adhesive
- Transparent, waterproof film
- Conforms to body contours with a low profile
- Numbered and colored application guides
- Hydrofilm Plus includes an absorbent, non-stick pad

Benefits:

- Prevents moisture build-up under dressings to avoid peel-off
- Secures dressing on the skin comfortably for longer wear time
- Allows wound assessment without dressing removal
- Enables patient to shower with dressing in place while providing a barrier to bacteria
- Secure and reliable fit
- Easy-to-follow steps that may be performed with one gloved hand
- Wicks exudate away from wound without sticking to the wound bed

Indications:

For sterile post-operative care of slightly secreting wounds and as a wound covering after surgical procedures and injuries

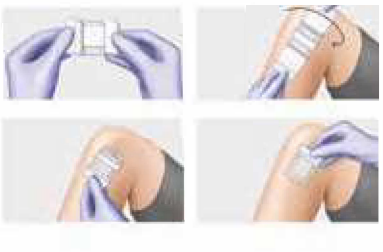
Contraindications:

Should not be used on clinically infected, bleeding or highly secreting wounds

Wear Time:

Depending on wound secretions level

Applications:



Product	Size	Package Contents	Article No.
Hydrofilm® plus	5 x 7.2 cm	50 pcs	685 771
	9 x 10 cm	50 pcs	685 773
	9 x 15 cm	25 pcs	685 775
	10 x 12 cm	25 pcs	685 776
	10 x 20 cm	25 pcs	685 778
	10 x 25 cm	25 pcs	685 779
	10 x 30 cm	25 pcs	685 780

Hydrofilm® (film)

Protects the wound

Regulates moisture

Features:

- High moisture vapor transmission rate (MVTR)
- Hypoallergenic adhesive
- Transparent, waterproof film
- Conforms to body contours with a low profile
- Numbered and colored application guides

Benefits:

- Prevents moisture build-up under dressings to avoid peel-off
- Secures dressing on the skin comfortably for longer wear time
- Allows wound assessment without dressing removal
- Enables patient to shower with dressing in place while providing a barrier to bacteria
- Secure and reliable fit
- Easy-to-follow steps that may be performed with one gloved hand

Indications:

For protection over the wound to reduce the risk of secondary infection and protect against physical damage on dry, primary healing wounds and nearly healed epithelial wounds
For securing catheters or cannulas; ideal as a secondary dressing, e.g. to cover gel-forming calcium alginate dressings

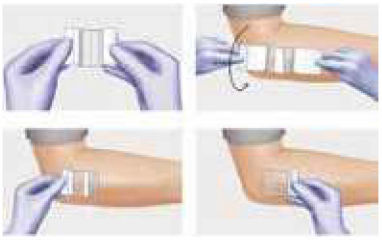
Contraindications:

Should not be used on clinically infected, bleeding or exudative wounds

Wear Time:

Depending on the need

Applications:



Product	Size	Package Contents	Article No.
Hydrofilm®	6 x 7 cm	100 pcs	685 756
	10 x 12.5 cm	100 pcs	685 758
	10 x 15 cm	50 pcs	685 760
	10 x 25 cm	25 pcs	685 763
	12 x 25 cm	25 pcs	685 764
	15 x 20 cm	50 pcs	685 762

Cosmopor® E (non-woven)

Protects the wound

Absorbs moisture

Features:
- Viscose core
- Polyethylene net contact layer
- Hypoallergenic fibers highly permeable to air
- Adhesive
- Soft non-woven
- Two-step self-explanatory application
- Rounded corners prevent the padding from rolling up

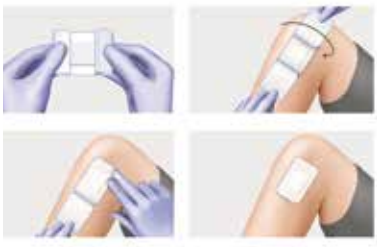
Benefits:
- Provides high absorbency and cushioning
- Prevents adherence of dressing to wound
- Prevents irritation of surrounding skin
- Enables skin's natural functions to continue
- Skin friendly
- Extremely breathable
- Quick and simple handling
- Fewer dressing changes required

Indications:
For protection of post-surgical/primary wounds and for the absorption of exudate (wounds with a normal exudate production)

Contraindications:
none

Wear Time:
Depending on wound secretions

Applications:

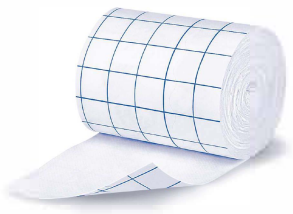


Product	Size	Package Contents	Article No.
Cosmopor® E	7.2 x 5 cm	50 pcs	900 870
	10 x 6 cm	25 pcs	900 871
	10 x 8 cm	25 pcs	900 873
	15 x 6 cm	25 pcs	900 872
	15 x 8 cm	25 pcs	900 874
	20 x 10 cm	25 pcs	900 876
	20 x 8 cm	25 pcs	900 875
	25 x 10 cm	25 pcs	900 877
	35 x 10 cm	25 pcs	900 878

Wound Management

Adhesive Fixation

Dressing Fixation

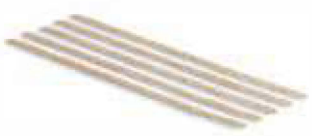


Omnifix® E

Omniplast®

Omnifilm®

Omnipor®



Omnistrip®

Omnifix® E (non-woven)

Firm fixation of dressing

Allows breathability of the skin

Repels water

Features:

- Adhesive
- Non-woven
- Conformable and elastic
- Permeable to air and water vapour
- Widthways elasticity
- Easy to remove “wave cover” while fixing
- Printed measuring grid
- Sterilizable
- Neutral against X-rays
- Unaffected by temperature changes

Benefits:

- Minimize the risk of maceration
- Smooth applications to joints and angular parts of the body with no inhibition of movement
- Easy application
- Easy size cutting
- Durable
- Can be removed painlessly and without leaving traces

Indications:

For fixation of any kind of wound dressings (like wound pads, traditional gauzes, etc.), cannulas, probes, catheters, etc., especially for coverage of large surfaces

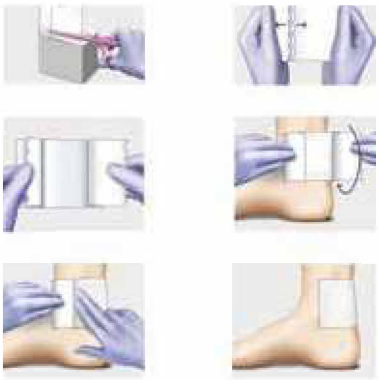
Contraindications:

none

Wear Time:

Change if soiled or after showering

Applications:



Product	Size	Package Contents	Article No.
Omnifix® E	10 cm x 10 m	1 pc	900 650
	15 cm x 10 m	1 pc	900 651
	20 cm x 10 m	1 pc	900 652
	5 cm x 10 m	1 pc	900 649

Wound Management

Non-Adhesive Fixation

Peha-haft® (cohesive bandage)

Reliable fixation

Protects the skin + hair

Extremely breathable

STERILIZABLE

Features:

- Cohesive
- Only few turns needed to provide secure application
- Sticks only to itself but not to hair, skin or clothing
- Permeable to air
- Sterilizable by steam
- Adapts to body parts

Benefits:

- Skin-friendly
- Easy to use
- Reliable fixation
- Economical
- Highly Breathable

Indications:

For fixation, bandaging, especially on joints and conical or round parts of the body
For retention of wound dressings and of orthopedic padding material
For use as a support bandage providing light compression

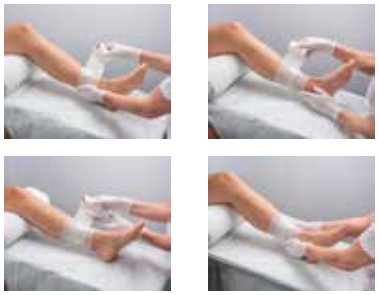
Contraindications:

none

Wear Time:

Depending on the need

Applications:



Product	Size	Package Contents	Article No.
Peha-haft® White	2.5 cm x 4 m	8 pcs	932 452
	4 cm x 4 m	1 pc	932 441
	6 cm x 4 m	1 pc	932 442
	8 cm x 4 m	1 pc	932 443
	10 cm x 4 m	1 pc	932 444
	12 cm x 4 m	1 pc	932 445
	4 cm x 20 m	1 pc	932 446
	6 cm x 20 m	1 pc	932 447
	8 cm x 20 m	1 pc	932 448
	10 cm x 20 m	1 pc	932 449
	12 cm x 20 m	1 pc	932 450