

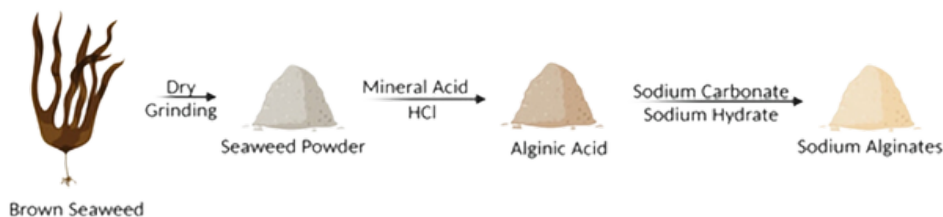
# calagin<sup>+</sup>

## Calcium Alginate Absorbent Dressing

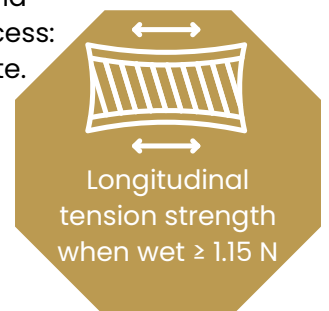
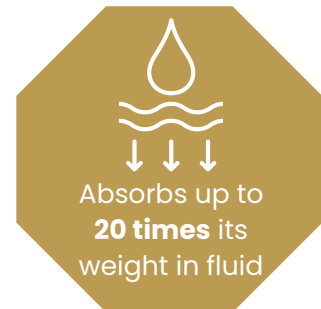


**Calcium Alginate Dressings** are highly beneficial for managing moderate-high exuding wounds. They are used as primary dressings and require a secondary fixture to secure them to the skin. A primary dressing is the first layer applied directly to the wound bed. A secondary dressing is applied afterwards and often contains an adhesive to secure it to the skin.

This material is commonly used because it is biocompatible. This means it is chemically compatible with various elements present in wounds, such as sodium and wound exudate, allowing it to remain in place for up to 7 days<sup>1</sup>. Alginate fibres soak up wound exudate, creating a gel-like structure. This absorption triggers an ion exchange process: calcium ions from the alginate fibres swap places with sodium ions from the exudate.



Calcium alginates are recommended for use during the transition from debridement to the repair phase of wound healing. While not officially categorised as an antibiotic, **alginate possesses notable absorbent and antibacterial qualities** and can assist wound healing. Alginate fibres have been shown to absorb and retain bacteria during the formation of the gel matrix, which can be removed during dressing changes as a method of debridement<sup>3</sup>. Dry wounds should not be treated with these dressings because they have no hydrating properties.



<sup>1</sup>Winter, R. (2022) Chronic wounds and their therapy with alginate-based dressings, Journal of personalized medicine. Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9503979/>

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## Calcium Alginate Absorbent Dressing

Calcium Alginate fibres effectively absorb exudate and provides a moist healing environment.

### Suitable For:

- Moderate to high exudate
- Ulcers, sinuses and open cavities, and surgical wounds with exudate
- Skin donor sites
- Superficial to partial thickness burns

### Contraindications

- Lightly exuding wounds may cause the dressing to adhere. If the dressing is not easily removed, use saline to moisten, then remove
- Do not use if known allergy to calcium alginate
- If clinical signs of infection exist, consult a physician



No Adhesive



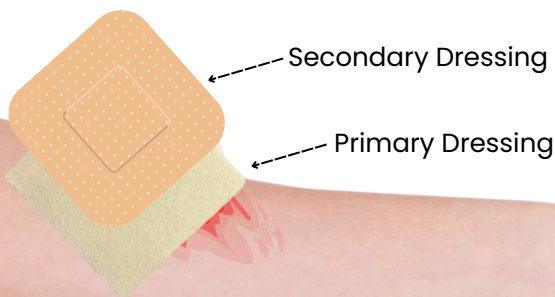
High Absorbency



Up to 7 Days



### Application:



Calcium Alginate is a primary dressing and can be placed directly onto a wound surface. Cut the alginate to fit the size of the wound with minimal overhang on the periwound to reduce maceration of the peri-wound skin. Alginate can stay in place for up to 7 days. However, this can be amended to suit the wound requirements.



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can absorb up to 15-20 times their weight in fluid

Product	Item Number	Size
	SNOAWC001NN	5 x 5 cm
	SNOAWC002NN	10 x 10 cm

Product	Item Number	Size
	SNOAWC003NN	10 x 20 cm
	SNOAWC004NN	2 x 30 cm (Rope)