



Synthetic, absorbable, one-time application membrane and alloplastic skin substitute for the treatment of wounds, split-skin donor sites, and burns.

PRODUCT SUMMARY

SUPRATHEL® is a thin, microporous, synthetic membrane

- Adapts to the surface of the wound
- Adheres on contact
- Not biological - Polylactic acid copolymer

SUPRATHEL® is a single application product

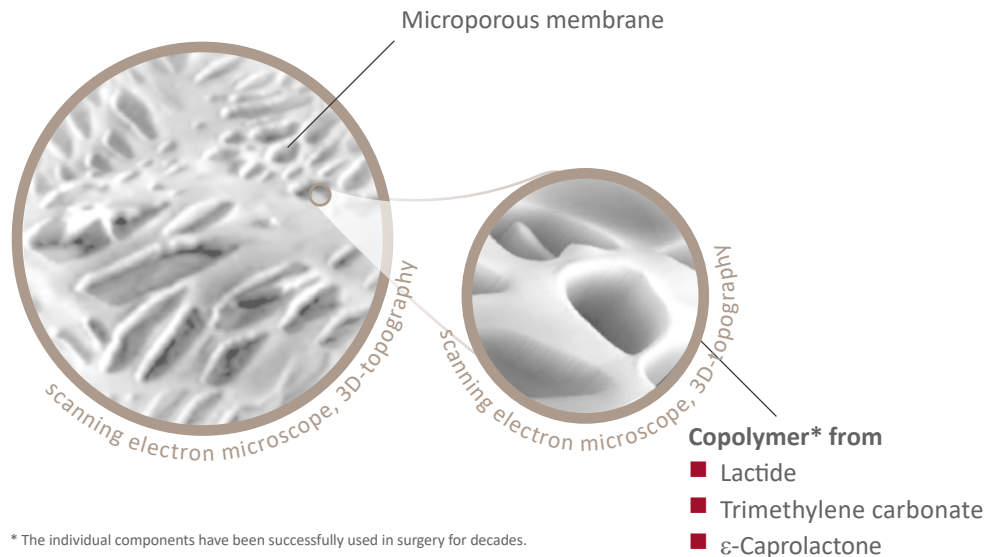
- Apply to a viable, infection free wound bed
- Membrane becomes translucent
- No change of SUPRATHEL® membrane, outer dressing change only
- Separates with epithelialization, no surgical removal required

SUPRATHEL® is well-proven technology

- Over 100,000 applications
- Market leader in key European markets

INDICATIONS FOR USE

- Partial and full thickness wounds
- Split-thickness skin graft (STSG) donor sites
- Burns
 - Superficial
 - Partial thickness
- Cuts and abrasions
- Trauma and surgical wounds
- Ulcers



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KEY BENEFITS

Significant pain relief¹⁻³ - by up to 60%

- Significantly less IV narcotic management required
- Minimally manipulative dressing changes without anesthesia

Low rate of infections, no biologic risk³⁻⁵

- Synthetic, biocompatible, absorbable
- No reported allergic reactions, only few cases with infections and inflammation

Fast wound healing^{1,6,7,10}

- Improved early epithelization
- Early mobilization can begin 2-5 days following application

Lower treatment costs^{2,4,5} - by up to 69%

- One-time wound dressing, no change of SUPRATHEL® needed
- Less care and aftercare needed, shortened need for hospitalization
- Less administration of pain medication needed

Good cosmetic and functional outcomes and scar quality^{8,9}

Reduced inflammatory reaction¹¹

PROPERTIES

»»»	Composition:	Lactide-based copolymer
	Degradation:	Hydrolytically
	Plasticity:	> 50 % elongation at break
	Permeability to water vapor:	40 - 70 ml/m ² (hour), approx. 1,000 - 1,700 ml/m ² per day
	pH:	from 5.5 (initial) to "4.0 in vitro"

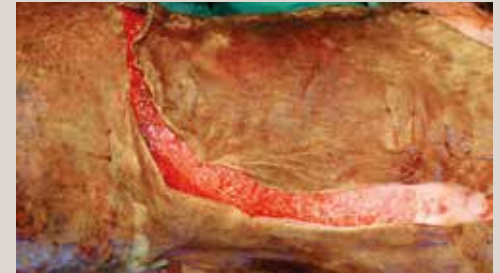
ORDERING INFORMATION

Size	Membranes	Order-No.
9 x 10 cm / 3.5 x 3.9 in	1	110910-US
9 x 10 cm / 3.5 x 3.9 in	5	150910-US
18 x 10 cm / 7.1 x 3.9 in	1	111810-US
18 x 10 cm / 7.1 x 3.9 in	5	151810-US
18 x 23 cm / 7.1 x 9.1 in	1	111823-US
18 x 23 cm / 7.1 x 9.1 in	5	151823-US
Face Mask, one size	1/Box	11F001-US
Hand Shape, one size	2/Box	12H001-US

CAUTION: Federal law restricts this device to sale by or on the order of a physician.

Case study:

Deep partial thickness burn, TBSA - 90%



Prior to OR



Debridement



Application of SUPRATHEL®



Long-term results, after 24 months

Kamoloz et al., Eur. Surg. 40/2008

Literature

- Uhlrig et al. 2007: Burns. 33(2):221-9.
- Schwarze et al. 2007: Burns. 33(7):850-4.
- Schwarze et al. 2008: Ann Plast Surg. 60(2):181-5.
- Everett et al. 2015: J Wound Care. 24(7):S4-8.
- Glat et al. 2014: Abstract, 46th Annual Meeting of the ABA.
- Lindford et al. 2011: Burns. 37(7):e67-72.
- O'Brian et al. 2015: Abstract, 47th Annual Meeting of the ABA.
- Kaartinen and Kuokkanen 2011: J Plast Surg Hand Surg. 45(4-5):200-3.
- Keck et al. 2012: Burns. 38(3):388-95.
- Gürünlüoğlu et al. 2019: J Burn Care Res, Jun 21;40(4):444-450.
- Demircan et al. 2021: Ulus Travma Acil Cerrahi Derg Actions. Jan;27(1):122-131.