

PARAFOL

Your natural answer
to synthetic volatile oils



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PARAFOL paraffins are bio-based, biodegradable, high-purity hydrocarbons, designed to mirror the volatility, spreading, and sensory profile of silicone oils and isoalkanes.

Similar sensory. Same performance. More sustainable.



Conventional synthetic emollients	Volatility and spreadability	Sensory profile	Linear, bio-based, biodegradable Alkanes
Dimethicone (L5, L6) and Isohexadecane (IHD)	Medium	Velvety, non-greasy	PARAFOL 14 RSPO-MB INCI: Decane
Dimethicone (L7, L8, L10)	Low	Fluid, non-oily	PARAFOL 16 RSPO-MB INCI: Dodecane
Trisiloxane (L3) and Isododecane (IDD)	Very high	Silky, very dry	PARAFOL 10 RSPO-MB INCI: Tetradecane
Dimethicone (L4) and Cyclopentasiloxane (D5)	High	Silky, dry	PARAFOL 12 RSPO-MB INCI: Hexadecane

Why choose PARAFOL for your cosmetic formulations



Bio-based

(NOI = 1; RSPO-MB, Vegan, COSMOS)



Biodegradable

(Silicone-free)



Performance

(Sensory profile, nonpolar, high purity)

Further advantages

- Clear, colourless, odourless
- Excellent oxidation and pH stability
- Compatible with oils, waxes, UV-filters, pigments
- Halal certified

Formulation examples

Transforming beauty through innovation



NEW

PARAFOL 10 RSPO-MB

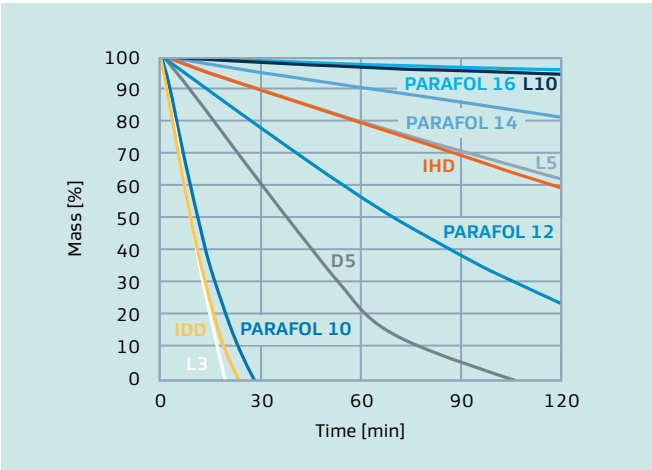
- ✓ Exceptional volatility
- ✓ Fast spreading
- ✓ Advanced hair conditioning and detangling

PARAFOL compared to traditional silicones

Our product line is engineered to align with the key physicochemical parameters that define the performance of established volatile emollients.

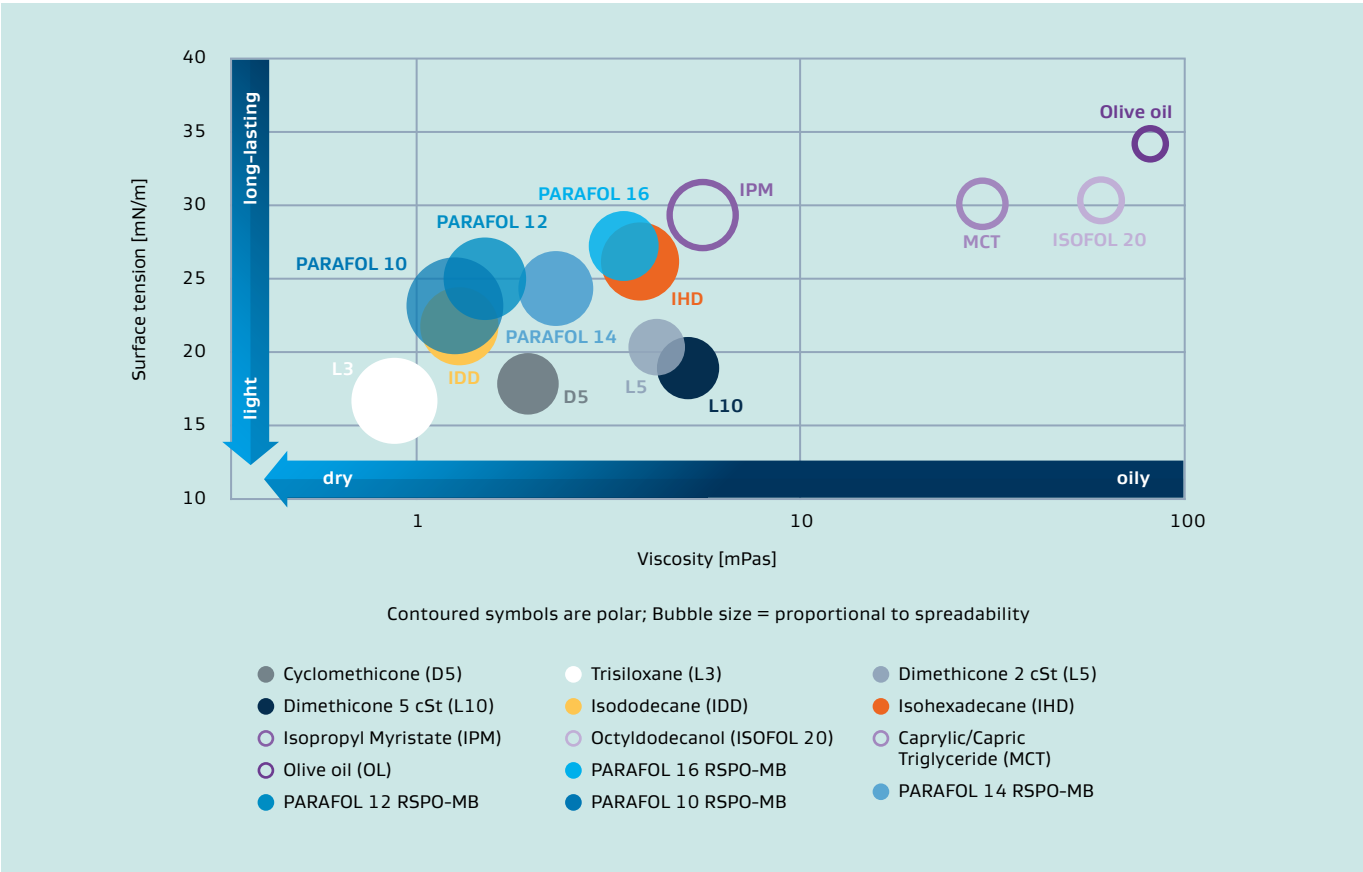
Designed for matching key parameters.

Excellent evaporation profiles (at 37 °C)



Parameter	Role
Volatility	Tunes evaporation profile over time. Allows for light and non-greasy skin-feel.
Surface tension	Regulates wetting, film formation and homogeneity, and deposition of pigments.
Viscosity	Influences flow behavior, texture, and stability of formulation.
Spreadability	Controls distribution on hair and skin, glide, and coverage.
Polarity	Governs compatibility with e. g., oils, waxes, pigments.

Emolliency map (at 20 °C)





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