



Paraflex Nowax™

Vegetable-based
wax solutions



Formulating solutions. Together.

Paraflex Nowax™ vegetable-based waxes provide a sustainable solution for paper packaging, delivering strong barrier performance, gloss and heat sealability. They run on existing equipment and meet renewability and end-of-life requirements.



Our Paraflex Nowax™ CW products meet the EN 13432:2000 standard, which outlines requirements for packaging recoverable through composting and biodegradation. We conducted home and industrial compostability tests on a representative product and raw materials used for formulating our products, according to the OK compost INDUSTRIAL and HOME certification schemes by TÜV AUSTRIA. The tests used paper two-side coated with 6 g/m² coating wax on 40 g/m² paper, ensuring compliance for Paraflex Nowax™ CW. Additional testing may be necessary.

End of life options

- Compostable - suitable packaging constructions allow certification to EN 13432.
- Inherently biodegradable - minimises littering impact.
- Repulpable - through appropriate processes.
- Contributes high calorific value - for incineration.

Renewable sources - responsibly grown

- Responsibly managed forests (certified fiber sources).
- Waxes are based on sustainably produced vegetable oils.
- Vegetable oils used for the Paraflex Nowax™ range meet the criteria of the RSPO and WWF and are GMO-free.
- Up to 100% bio-based.

Functionality

Compared with traditional paraffin-based wax coatings vegetable-based solutions offer a number of advantages in the delivered functionality.

'People Prefer Paper'

Consumer surveys in Europe confirm that paper packaging has a very powerful appeal for consumers. An IPSOS study commissioned by PaperImpact highlighted that

- 93% prefer paper for its positive environmental perception.
- 87% prefer paper for convenience factors (easy opening, controlled tear).
- 80% prefer the feel of paper-based packaging.

For waxed paper

- Confectionery (twist/fold/ wrap/seal).
- Cheese retail PoS (point of sale) wrap.
- Meat PoS wrap.
- Fastfood PoS wrap.
- Bread bags / bread seal wrap.

For waxed (corrugated) board

- Fruit and vegetables.
- Frozen fish.



Processing & products

Paraflex Nowax™ vegetable waxes can be applied on e.g. paper by a standard roller coating process. Typical application weights for one-sided coatings are 4 - 10 g/m² and for two-sided coatings 8 - 12 g/m².

	Product name	Viscosity in mPa.s	Application temperature in °C	Product in brief
Palm-based	Paraflex Nowax CW 5730	40 - 55 @ 100°C	100 - 130	Formulated vegetable wax for high gloss, excellent release and CoF in twist, wrap and fold applications.
	Paraflex Nowax WS 5770	225 - 325 @ 130°C	120 - 140	Formulated heat sealable vegetable wax (wax seal) for high gloss, excellent release and CoF in twist, wrap and fold applications.
	Paraflex Nowax CW 6076	5 - 10 @ 100°C	90 - 110	Formulated as paraffin replacement for high gloss food wrapping papers & cardboard packaging applications.
	Paraflex Nowax CW 6083	20 - 30 @ 100°C	100 - 130	Formulated to give good flexibility, abrasion, fat and grease resistance on open papers for example in applications such as burger and sandwich wrap.
	Paraflex Nowax CW 6084	20 - 30 @ 100°C	100 - 130	Cost effective grade formulated to give water resistance on more open recycled wrapping papers.
	Paraflex Nowax CW 6111	7 - 11 @ 100°C	100 - 130	Basic vegetable wax for 2-side coating of paper.
	Paraflex Nowax CW 65	90 - 100 @ 100°C	100 - 130	Formulated vegetable wax for packaging paper and maturation of soft cheese.
	Paraflex Nowax CW 6123	44 @ 100°C	100-130	Medium viscosity formulated vegetable wax for packaging paper and maturation of soft cheese.
Palm-free	Paraflex Nowax CW 6103	41 - 57 @ 100°C	100 - 130	Formulated vegetable wax for high gloss, excellent release and CoF Typical use is in twist, wrap and fold applications.
	Paraflex Nowax CW 6096	5 - 15 @ 100°C	90 - 110	Formulated as paraffin replacement for food wrapping papers & cardboard packaging applications.
	Paraflex Nowax CW 6101	20 - 28 @ 100°C	100 - 130	Formulated to give good flexibility, abrasion, fat and grease resistance on open papers for example in applications such as burger and sandwich wrap.
	Paraflex Nowax CW 6105	20 - 30 @ 100°C	100 - 130	Formulated to give good flexibility, abrasion, fat and grease resistance on open papers for example in applications such as burger and sandwich wrap.
	Paraflex Nowax CW 6112	150 @ 100°C	110 - 130	High viscosity coating wax for one side coating providing high coating thickness and optimum barrier performance.
	Paraflex Nowax WS 6102	240 - 340 @ 130°C	120 - 140	Formulated heat sealable vegetable wax (wax seal) for high gloss, excellent release and CoF Typical use is in twist, wrap and fold applications.
	Paraflex Nowax WS 6098	550 @ 100°C	120 - 140	Formulated heat sealable vegetable wax (wax seal) for high gloss, excellent release and Co.
	Paraflex Nowax WS 6122	115 @ 130°C	120 - 140	Lower viscosity Nowax WS 6102 light sealable vegetable wax (wax seal) for high gloss, excellent release and CoF Typical use is in twist, wrap and fold applications.
	Paraflex Nowax WS 6133	240 @ 130°C	120 - 140	Formulated heat sealable vegetable wax (wax seal) for high gloss, excellent release and CoF. Specially designed for low scuffing.
	Paraflex Nowax HS 9791	1900 - 2700 @ 130°C	130 - 150	Formulated Heat Sealable wax with high seal strength for application on various materials like paper, films and foil and Over Print Varnishes.
Paraflex Nowax HS 9875	760 @ 130°C	130 - 150	Formulated Heat Sealable wax with good seal strength for application on various materials like paper, films and foil and Over Print Varnishes. Optimized balance between heat seal performance and runnability on wax coating units.	
Non-blooming	Paraflex Nowax CW 6065	45 - 65 @ 120°C	100 - 130	Formulated vegetable wax specifically designed for dark-coloured substrates requiring stable optical performance.
	Paraflex Nowax CW 6089	15 - 25 @ 100°C	90 - 110	Formulated vegetable wax specifically designed for use in twist, wrap and fold applications requiring high and consistent gloss levels.
	Paraflex Nowax CW 6120	15 @ 120°C	110 - 130	Non-blooming vegetable wax specifically designed for dark-coloured substrates requiring stable optical performance (permanent high gloss) and low friction.
	Paraflex Nowax HS 9880	2050 @ 130°C	130 - 150	Formulated Heat Sealable wax with good seal strength for application on various materials like paper, films and foil and Over Print Varnishes. Optimized balance between heat seal performance and runnability on wax coating units. Specially designed to reduce scuffing.
	Paraflex Nowax L 301	35 - 65 @ 130°C	100 - 130	Vegetable based laminating wax for combinations of paper, film and Aluminium foil.
	Paraflex Nowax L 401	270 - 340 @ 130°C	100 - 130	Vegetable based laminating wax for combinations of paper, film and Aluminium foil when higher bond strength is required.
Paraflex Nowax L 501	80 - 140 @ 130°C	100 - 130	Vegetable based laminating wax for combinations of paper, film and Aluminium foil when higher bond strength is required.	

We are Paramelt

When your products depend on the consistent performance of waxes, adhesives, and coatings, reliability becomes essential. Today's manufacturing challenges, from supply chain volatility to increasing regulatory and sustainability demands, require partners who respond with certainty and expertise. Many of the world's most trusted brands rely on Paramelt for dependable quality, secure supply, and deep formulation knowledge in demanding applications. We collaborate closely, support your goals, and help you move forward.

We listen, adapt and deliver!

Paramelt Europe

Costerstraat 18
1704 RJ Heerhugowaard
The Netherlands
t +31 72 57 50 600

Paramelt USA

1300 E Mt Garfield Rd,
Muskegon, MI 49441
United States of America
t +1 231 759 7304

Paramelt Asia

109 Sutong Road,
Suzhou Industrial Park
Suzhou, Jiangsu 215021,
China
t +86 512 6761 6618

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