



rubber & plastics | **anti-ozone waxes**

V\_2026\_05

# Okerin™

**Anti-ozone waxes for  
tire & rubber**

## **Formulating solutions. Together.**

Our formulated waxes support your products with lasting protection, engineered to maximize performance and mileage.

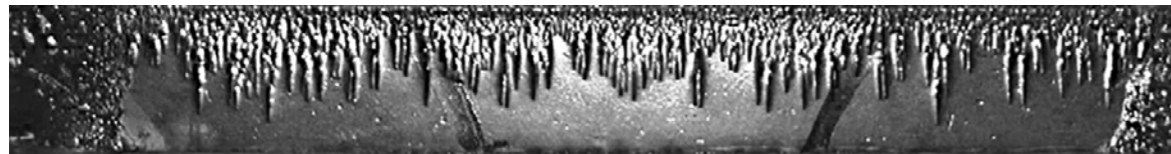
# Anti-ozone waxes

Stop ozone cracks with controlled wax migration



## Impact of ozone attack

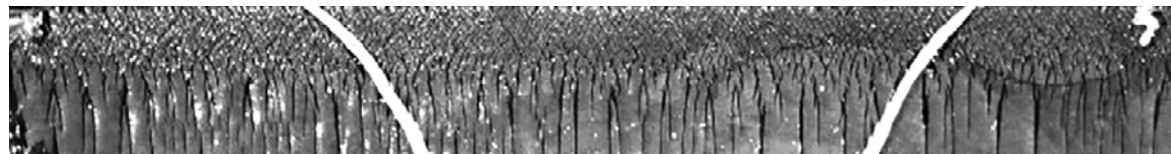
on the rubber surface layer with and without anti-ozone wax



at 5°C with other anti-ozone wax



at 5°C with Okerin™ anti-ozone wax



at 40°C with other anti-ozone wax



at 40°C with Okerin™ anti-ozone wax

As the global market leader, Paramelt offers a comprehensive range of anti-ozone waxes for an array of tire types and technical rubber application's requirements. Okerin™ and Protektor™ are anti-ozone waxes that are carefully formulated with selected blends of paraffin and microcrystalline waxes.

### Why choose Paramelt

- In anti-ozone waxes for more than 47 years
- Market leader with presence in Asia for more than 30 years
- Multiple production facilities across the globe
- Supply to tire manufacturers worldwide
- IATF16949, ISO9001 and ISO14001 certified



### Okerin™ anti-ozone wax for tires and technical rubber

The Okerin brand originally established by Astor in the UK and further developed by Paramelt, has found extensive global application amongst all of the major international tire manufacturers.

### Protektor™ and Akcera™ anti-ozone wax for technical rubber

In technical applications such as belts, hoses, gaskets, mats and shoes soles, Akcera™ and Protektor™ brands have been established to meet the specific demands of these technical products.

	Customer Application	Operating Conditions / Requirements	Product Option	Manufacturing site	
				NL	CN
Tires	Passenger cars, trucks & buses, agricultural vehicles, bicycles	Low temperature protection	Okerin 1888/1H	•	•
		Medium – high temperature protection	Okerin 1891H, Okerin 1950H Okerin 5194/1H	•	•
		High temperature protection	Okerin 1987/1H, Okerin 11018H Okerin 1887H	•	•
		Broad temperature protection	Okerin 2122H Okerin 11213H, Okerin 5485H		•
		Moderate temperature protection, long service life	Okerin 1900/1L/H Okerin 11021H	•	•
		Protection with longer retention of surface aesthetics			
		- High temperature protection - Broad temperature protection	Okerin 15032H Okerin 15076H, Okerin 15077H, Okerin 15098H		•
Rubber Articles	Belts, hoses, gaskets, mats	Ambient temperature protection	Protektor G 3108WP, Protektor G 34WP	•	•
		Long service life	Okerin19001/L/H, Okerin 2122H, Okerin 1836H Okerin 11213H	•	•
	Shoe soles	Processing aid, ambient temperature protection without loss of compound tack	Protektor G 3888, Protektor G 34WP, Okerin 1954 Okerin 1956S, Okerin 1891H, Okerin 11213H	•	•

This overview highlights a limited selection of our product range. For more details, please contact your local Paramelt representative.

# 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!

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