

hywax  
green tech



## Paraffin Waxes

offering hard paraffin waxes and softer grades for all types of adhesives. Highly refined, high quality, very pure grades meeting all international standards. Continues quality control and quality management measures ensure the highest standards.

## Micro crystalline Waxes

offering a full range of microcrystalline waxes ideal for use in all types of adhesives. FDA compliant.

## Fischer Tropsch Waxes

These synthetic waxes are made in a controlled environment using carbon monoxide and hydrogen as feedstock, producing saturated, straight-chain hydrocarbons of consistently high purity and quality. The very linear molecular structure of the wax results in many desirable properties. State-of-the-art fractionation, micronization and chemical modification yield a wide range of products with unique physical and chemical characteristics.

See products brochure for detailed information.

## Leading specialist in innovative wax technology

Our waxes are widely used in the Adhesives industry, where they are employed in multiple functions to improve the technical properties and meeting the market requirements.

They are essential components in formulations, as they have outstanding properties in terms of their protective action, color as well as a consistency regulator.

The product range includes high-melt waxes used as performance additives in specialty applications, and medium-melt waxes used as alternative to paraffin waxes.

High-melt FT waxes have a unique combination of high melting point, low viscosity and hardness even at elevated temperatures, ensuring superior performance in applications such as hot melt adhesives (HMA), printing inks and coatings, bitumen modification, polymer processing and polishes and textiles. These products are often used in conjunction with lower melting microcrystalline and paraffin waxes.

Medium-melt FT exhibit superior properties in several applications such as waterproofing for construction boards.

## HYWAX Fischer Tropsch waxes for the Adhesive Industry

- HYWAX FT Wax is a rheological equalizer
- Adhesive application performance can be fine tuned by appropriate HYWAX FT Wax choice
- Higher FT Wax congealing point gives better high temperature performance
- Using HYWAX FT Wax the performance properties of polyolefin elastomer is generally improved
- Low temperature performance is polymer choice dependent rather than wax

## Technological leaders of the hydrofinishing process



“hy”, short for “hydrogen” represents the utmost importance this precious element holds for us: a sustainable and renewable production ally, protagonist of the hydrogenation process for which Hywax has the technological leadership. The use of increasingly greener production technologies and raw materials are contributing to a sharp reduction in carbon footprint and an overall surge in sustainability efforts.

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**AWAX**  
state of the art waxes