

## WAXES FOR HOT MELTS

**DEUREX**<sup>®</sup>  
THE WAX COMPANY

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**WAXES FOR HOT MELTS**

	DEUREX® E 11	DEUREX® E 09	DEUREX® E 18	DEUREX® T 15/T 16/ T 17 DEUREX® T 18/T 19/ T 29	DEUREX® T 39/T 49	DEUREX® EV 03	DEUREX® X 52
<b>BENEFITS</b>	Low density homopolymere polyethylene wax  · Economic bestseller · Lubricant · Dispersing agent · Increase softening point · Shortens processing time · Reduces formulation costs · Long opening time	Short Carbon chain polyethylene wax  · High rub resistance · Shortens processing time · Adjusts viscosity · Replacement for FT-Waxes · More attractive price than Fischer-Tropsch waxes · Perfect control of rheology · Boosts adhesion · Anti caking agent <b>DEUREX® E 0920 M</b>	High viscous polyethylene wax  · Lubricant · Dispersion agent · High rub resistance · Long lasting · Avoids cracking	Thoroughly designed paraffins  · Adjust open time · Improve flexibility of hotmelts · Adjust rheological behavior · Viscosity regulation · Shortens processing time · Easy dispersing · Regulation of dry time and cure time · Adapt opening time of hot melts	Fischer-Tropsch waxes (hard paraffins)  · Control open time · Optimized wetting · Superior performance · Very long lasting	Copolymere polyethylene vinylacetate wax  · Improving Tackiness · Viscosity regulation · Adhesion at high temp · Increase thermostability · Improve gloss · Perfect compatibilizer between paraffins and polymers	Natural sugar cane wax  · Biodegradable according to DIN EN 13432 · Adjust viscosity · Easy to emulsify, grindable · Reduces viscosity and processing temperature of hot melts · Very suitable for cold sensitive applications · Improves ecological balance
<b>APPLICATIONS</b>	· Economic hot melts · EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Road marking · Cold sensitive applications	· EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Transparent and opaque hot melts	· Road marking	· Wood hot melts · Porous surfaces · Microcellular rubber · High crystalline FT for short open time · Low crystalline FT for longer open time · Low melting FT waxes for cold-sensitive hot melts · High melting FT waxes with very high crystallinity and high solidification point	· EVA and PO based resins · Labeling, packaging · Paper and carton coatings · Palletization	· EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Road marking	· Bio Hotmelts · Water based hot melts · Low temperature hot melts
<b>PROPERTIES</b>	· Medium hardness · High rub resistance · Excellent chemical and oxidation resistance	· Excellent chemical and oxidation resistance · High softening point · High hardness · Close meshed hydrocarbon chains · Very high crystallinity and hardness	· Excellent UV stability · High viscosity · Non crystalline · Frost resistant · Stable against temperature	· Micro crystalline waxes · High flexibility	· Excellent hardness · High crystallinity · High melting point · Low viscosity · Stable against temperature	· High flexibility	· Natural wax · High flexibility · Medium hardness

- GENERAL BENEFITS OF DEUREX® WAXES**
- Adjustment of softening point
  - Adjustment of viscosity
  - Adjustment of thermal stability
  - Increased adhesion at higher temperatures
  - Increased compatibility with paraffin and basic polymers
  - Increased flexibility



<b>DROP POINT °C</b>	110 - 120	110 - 120	110 - 120	Tailor made from 47 to 103	110 - 120/112 - 120	96 - 104	78 - 82
<b>SOLIDIFICATION POINT °C</b>	95 - 106	96 - 106	95 - 108	Tailor made from 50 to 90	~ 100 / ~ 105	85 - 95	72 - 80
<b>VISCOSITY mPas</b>	< 80	< 40	< 400	Tailor made from 5 to 20	< 20	< 600	< 40
<b>COLOUR</b>	White	White	White	White	White	White	Amber

**FORMS OF DELIVERY:** Our products are available as granules (G), fine granules (K), powders (P), finest powders (A), micro-sized powders (M).