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DEUREX®
THE WAX COMPANY

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WAXES FOR HOT MELTS

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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
	Low density homopolymere polyethylene wax	Short Carbon chain polyethylene wax	High viscous polyethylene wax	Thoroughly designed paraffins	Fischer-Tropsch waxes (hard paraffins)	Copolymer polyethylene vinylacetate wax	Natural sugar cane wax
BENEFITS	<ul style="list-style-type: none"> · Economic bestseller · Lubricant · Dispersing agent · Increase softening point · Shortens processing time · Reduces formulation costs · Long opening time 	<ul style="list-style-type: none"> · 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 DEUREX® E 0920 M 	<ul style="list-style-type: none"> · Lubricant · Dispersion agent · High rub resistance · Long lasting · Avoids cracking 	<ul style="list-style-type: none"> · 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 	<ul style="list-style-type: none"> · Control open time · Optimized wetting · Superior performance · Very long lasting 	<ul style="list-style-type: none"> · Improving Tackiness · Viscosity regulation · Adhesion at high temp · Increase thermostability · Improve gloss · Perfect compatibilizer between paraffins and polymers 	<ul style="list-style-type: none"> · 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
APPLICATIONS	<ul style="list-style-type: none"> · Economic hot melts · EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Road marking · Cold sensitive applications 	<ul style="list-style-type: none"> · EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Transparent and opaque hot melts 	<ul style="list-style-type: none"> · Road marking 	<ul style="list-style-type: none"> · 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 	<ul style="list-style-type: none"> · EVA and PO based resins · Labeling, packaging · Paper and carton coatings · Palletization 	<ul style="list-style-type: none"> · EVA, PUR, PO resins · Labeling, packaging · Paper and carton coatings · Palletization · Road marking 	<ul style="list-style-type: none"> · Bio Hotmelts · Water based hot melts · Low temperature hot melts
PROPERTIES	<ul style="list-style-type: none"> · Medium hardness · High rub resistance · Excellent chemical and oxidation resistance 	<ul style="list-style-type: none"> · Excellent chemical and oxidation resistance · High softening point · High hardness · Close meshed hydrocarbon chains · Very high crystallinity and hardness 	<ul style="list-style-type: none"> · Excellent UV stability · High viscosity · Non crystalline · Frost resistant · Stable against temperature 	<ul style="list-style-type: none"> · Micro crystalline waxes · High flexibility 	<ul style="list-style-type: none"> · Excellent hardness · High crystallinity · High melting point · Low viscosity · Stable against temperature 	<ul style="list-style-type: none"> · High flexibility 	<ul style="list-style-type: none"> · Natural wax · High flexibility · Medium hardness
GENERAL BENEFITS OF DEUREX® WAXES	 <ul style="list-style-type: none"> · 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 						
DROP POINT °C	110 - 120	110 - 120	110 - 120	Tailor made from 47 to 103	110 - 120/112 - 120	96 - 104	78 - 82
SOLIDIFICATION POINT °C	95 - 106	96 - 106	95 - 108	Tailor made from 50 to 90	~ 100 / ~ 105	85 - 95	72 - 80
VISCOSITY mPas	< 80	< 40	< 400	Tailor made from 5 to 20	< 20	< 600	< 40
COLOUR	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).