



Hotmelt & Waterborne Adhesives

Hygiene Solutions



Company Profile

Starting our journey in 1924 as a chemicals trader, today, with over 100 years of experience in the chemicals industry, we have been providing solutions to a variety of markets and applications utilizing different technologies. Our manufacturing and service locations enable us to serve our customers all around the world.

We have been employing the power of science and customer intimacy since our humble beginnings and we started our polymer emulsions production in 1965 with this notion. Besides our Istanbul polymer emulsions plant with 170,000 tpa production capacity, we invested in a new plant with an 80,000 tpa production capacity in Rotterdam in 2007.

Our Tuzla plant investment includes hotmelt production with a capacity of 12,000 metric tons to serve the industrial adhesives market.

Organik Kimya's customers enjoy valuable solutions for a variety of applications in 6 different business units:

- Coating Solutions
- Construction Solutions
- Textile & Leather Performance Solutions
- Pressure Sensitive Adhesives & Paper Solutions
- Industrial Adhesives Solutions
- Distribution & Industrial Solutions

Industrial Adhesives Solutions provides solutions for Furniture & Woodworking, Packaging & Converting, Nonwoven & Hygiene, Bookbinding & Graphic Arts, Tobacco, Tapes & Labels markets in Hotmelt and Waterborne technologies.

Innovation promotes Sustainability

Contributing to the sustainability of our environment, our society and our economy is one of our most important responsibilities in today's rapidly changing world. We need to produce together, work hard for the future and realize the footprints we leave behind.

We believe that we can lead a better life together and aim to create a positive impact for all our stakeholders. Managing our environmental impacts, investing in projects that contribute to social sustainability, and developing future proof products and services continues to be high on our agenda.

Organik Kimya is taking the lead in achieving the UN's Sustainable Development Goals. We aim to become carbon neutral by 2050, continue our efforts in achieving environmental and social sustainability and investing in innovative solutions that contribute to circular economy. With all our efforts we contribute to SDGs 3,4,5,6,7,8,9,10,12,13 and 17.



For further information, please visit our sustainability report prepared in accordance with GRI Standards:
www.organikkimya.com/en/sustainability



Personal Care & Nonwoven

Hotmelt Adhesives



Diaper & Fem Care Construction

	Color	Viscosity @140°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits	
	HYFIX 1303	Transparent White	3500	82	130 - 150	Odorless	HYFIX 1303	★★★★	★★★★	Premium grade, improved peel and hot tack properties
	HYFIX 1320	Transparent White	3400	81	130 - 150	Odorless	HYFIX 1320	★★★	★★★★	Excellent performance with all type of spray applications and slot coating
	HYFIX 1408	Transparent White	3400	82	130 - 150	Odorless	HYFIX 1408	★★★★	★★★★	Optimum performance for PE, Topsheet, ADL applications
	HYFIX 1234	Transparent White	3000	83	130 - 150	Odorless	HYFIX 1234	★★★★	★★★★	High peel values with optimum rewet properties

Core Fixation

	Color	Viscosity @140°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits	
	HYFIX 2016	Transparent White	7500	85	130 - 150	Odorless	HYFIX 2016	★★★★	★★★★	Premium grade with very good creep and aging resistance

Elastic Attachment

	Color	Viscosity @150°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits	
	HYFIX 1763	Transparent White	10000	98	140 - 160	Odorless	HYFIX 1763	★★★	★★★★	Premium grade with very good creep and aging resistance
	HYFIX 1741	Transparent White	4000	97	130 - 150	Odorless	HYFIX 1741	★★★	★★★★	Premium grade with very good creep and aging resistance, low viscosity

Diaper Components

	Color	Viscosity @150°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits	
	HYFIX 1010	Transparent White	25000	109	160 - 180	Odorless	HYFIX 1010	★★★★	★★★★	Used for lamination of hook and NW for I-Bond, provides high shear and high resistance
	HYFIX 1763	Transparent White	10000	98	140 - 160	Odorless	HYFIX 1763	★★★	★★★★	Used for laminating NW-Elastic-NW to produce elastic ear

Femine Care Positioning

	Color	Viscosity @150°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits	
	HYFIX 1500	Transparent White	1700	90	140 - 160	Odorless	HYFIX 1500	★★★★	★★	Excellent initial tack on variety of tectile, cotton and polyester, low application temperature

The ingredients used in formulations meet the compositional requirements of the American Food & Drug Administration Regulations 21 CFR 175.105.

★★★★ Excellent ★★★ Very Good ★★ Good ★ Suitable

Personal Care & Nonwoven

Hotmelt Adhesives



Textile Backsheet Lamination

	Color	Viscosity @140°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits
HYFIX 1207	Transparent White	7000	98	130 - 150	Odorless	HYFIX 1207	★★★★	★★★★	Premium grade for high speed textile back sheet lamination
HYFIX 1303	Transparent White	3500	82	130 - 150	Odorless	HYFIX 1303	★★★	★★★	General purpose, versatile application

Medical Lamination

	Color	Viscosity @150°C (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits
HYFIX 1303	Transparent White	3500	82	130 - 150	Odorless	HYFIX 1303	★★★★	★★★★	Premium grade, improved peel and hot tack properties

Special Applications

	Color	Viscosity (mPa.s)	Softening Point (°C)	Application Temperature (°C)	Odor		Adhesion	Aging Resistance	Features & Benefits
HYFIX 1881	Yellow	240 @ 100 °C	75	90 - 100	Odorless	HYFIX 1881	★★★	★★★★	Wetness indicator adhesive, Provides fast color change after insult and having resistance to humidity
HYFIX 1315	Transparent White	4500 @150 °C	98	130 - 150	Odorless	HYFIX 1315	★★★★	★★★★	Wet Wip cap attachment adhesive, high heat resistance with excellent adhesion

The ingredients used in formulations meet the compositional requirements of the American Food & Drug Administration Regulations 21 CFR 175.105.

★★★★ Excellent ★★★ Very Good ★★ Good ★ Suitable

Tissue & Towel

Waterborne Adhesives



Core Winding

	Solid Content (%)	pH	Viscosity (mPa.s)	Wet Tack	Set Speed		Features and Benefits
Orgalok AK 03	45	5	6500	★★★★	★★★★	Orgalok AK 03	Premium grade for high speed textile back sheet lamination
Orgalok AK 02	39	6.5	7500	★★★★	★★★	Orgalok AK 02	Recommended for medium speed wheel, nozzle and roller applications
Orgalok HK 56	40	4.5	2700	★★★★	★★★★	Orgalok HK 56	Prime grade for high speed nozzle applications

Ply Lamination

	Solid Content (%)	pH	Viscosity (mPa.s)	Wet Tack	Set Speed		Features and Benefits
Orgalok HK 65	21	5.5	6000	★★★★	★★★★	Orgalok HK 65	High dilution rate, no staining on goffrage rollers, low foaming tendency
Orgalok HK 75	22	6	50000	★★★★	★★★★	Orgalok HK 75	Excellent adhesion, water solubility, re-pulpability and film flexibility for paper and towel and toilet paper ply-bonding

Tail Tie

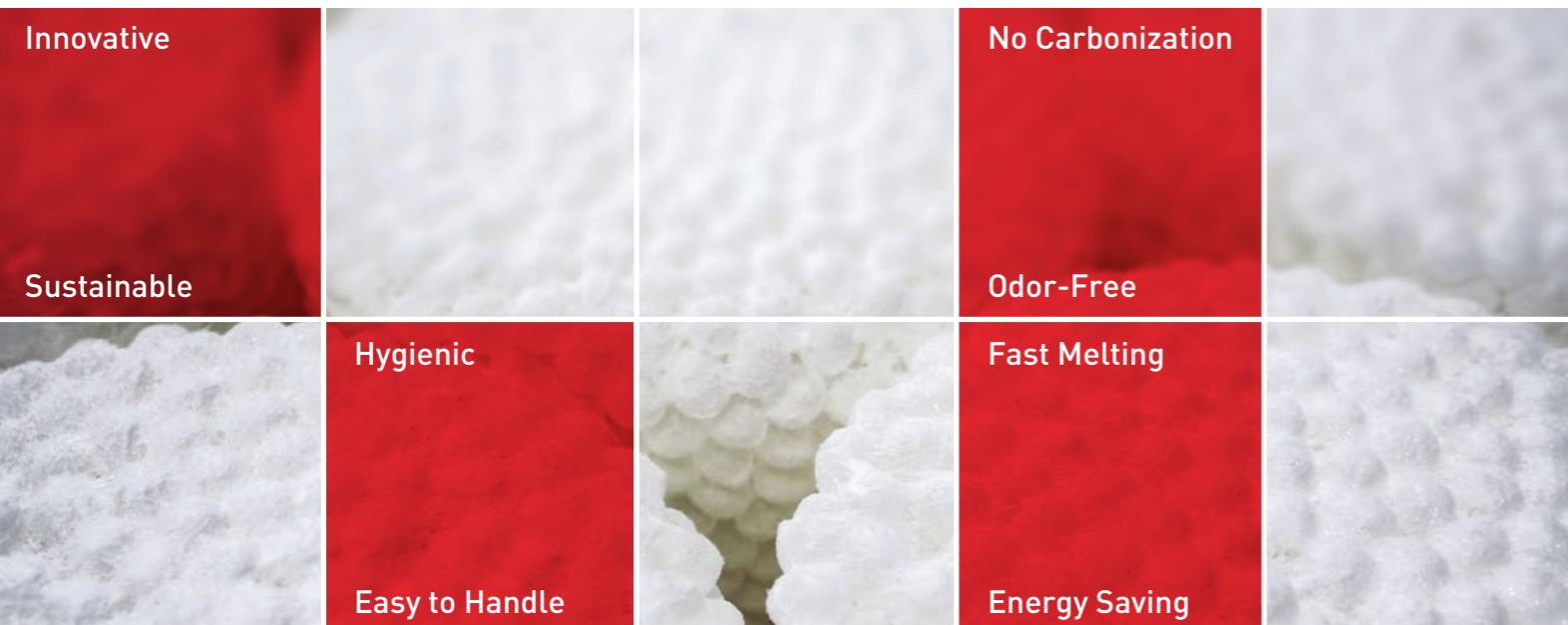
	Solid Content (%)	pH	Viscosity (mPa.s)	Wet Tack	Set Speed		Features and Benefits
Orgalok HK 09	6	6.5	18500	★★★	★★★	Orgalok HK 09	Secure fixation of tail at low add on
Orgalok HK 096	3.5	6.5	60000	★★★★	★★★★	Orgalok HK 096	Secure fixation for bot nozzle and blade applications using high weight paper types

Pick Up

	Solid Content (%)	pH	Viscosity (mPa.s)	Wet Tack	Set Speed		Features and Benefits
Orgalok HK 45	31.5	5.5	26500	★★★★	★★★★	Orgalok HK 45	Transitory adhesion, high wet tack during operation and optimum bonding after drying
Orgalok HK 47	25	6	36000	★★★★	★★★★	Orgalok HK 47	Perfect initial tack with high speed machines

The ingredients used in formulations meet the compositional requirements of the American Food & Drug Administration Regulations 21 CFR 175.105.

★★★★ Excellent ★★★ Very Good ★★ Good ★ Suitable



No film, no carbonization. 100% Hotmelt.

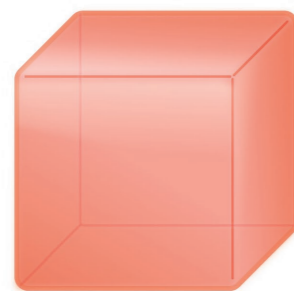
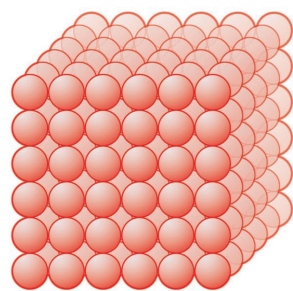
Innofix Technology is one of a kind system for Nonwoven and Pressure Sensitive Adhesives (PSA) applications that no longer requires packaging. The first breakthrough innovation in hotmelt packaging since 20 years.

Our PSA hotmelt range produced with Innofix Technology is 100% pure adhesive.

Faster Melting

INNOFIX Technology

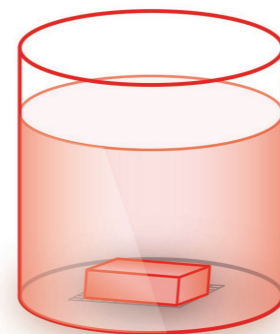
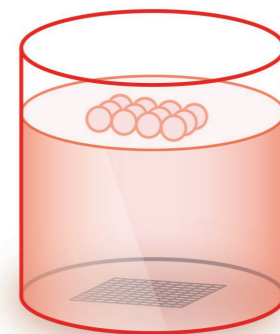
Conventional Adhesives



No Blocking at Filter Zone

INNOFIX Technology

Conventional Adhesives



Small granules have x21 times more surface to volume ratio compared to conventional systems.
More surface, more heat transfer: **Faster melting.**

Thanks to airgaps between granules, the density of an Innofix block is always below 1 g/cm³ and never sinks to the bottom of the tank. **Does not block filter zone and product flow to the applicator heads.**



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Rotterdam Plant

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