



You  
ad-here!

**HOT MELT ADHESIVES  
FOR LABEL APPLICATIONS**



# Bostik adhesives surround you!

**Bostik with you**

**Logistics**

**Beverages**

**Food**

**Specialties**

**Health & Beauty**



# BOSTIK WITH YOU

Bostik is a global leader in Hot Melt Pressure Sensitive Adhesives (HMPSA). Working jointly with customers for many years, Bostik has developed an unrivalled level of expertise in a huge range of labels applications. In the Smart Technology Center in France, chemists and experts implement a variety of solutions matching the most demanding industry requirements.



**Bostik Smart Technology Center of Venette, France**

By working with Bostik, you can rely on dedicated teams to support your business, all over Europe. We are eager to work with you, to select the right product and the best service. Bostik's adhesives are recognized worldwide for excellence, quality and performance, and our employees will ensure you find the right solution for your project.





# LOGISTICS

Traceability plays a fundamental role in logistics through the supply chain process. From the conditioning to the final delivery of your product, Bostik delivers strong and reliable label adhesives supporting the most difficult conditions during transport, distribution and storage.

REMOVABLE LOGISTIC LABEL		Tg (°C)
TLH 2355 E	Ambient conditions Wide range of applications – Cardboard/glass/newspapers Easy to use	-30 °C



PERMANENT LOGISTIC LABEL		Tg (°C)
TLH 4000 E	Ambient conditions Versatile substrates High grab, low release value	2 °C
TLH 4280 E	Ambient conditions Versatile substrates & face stocks High tack and cohesion, excellent converting properties	2 °C
TLH 4119 E	Ambient conditions Packing list – Recycled cardboards & PE/OPP films High tack, no tunneling effect	5 °C





# BEVERAGES

Labels establish the brand, communicate product benefits and significant information for the consumer. Bostik understands the importance of labels as a key element of your products. Providing high quality adhesives for every variety of bottle, Bostik helps your labels to maintain an appealing look, withstanding condensation and chilled conditions.

## Wine & Spirit

PREMIUM ADHESIVES		Tg (°C)
TLH 4272 E	Chilled conditions Wet surfaces - Glass and PE High grab and low Tg	-5 °C
TLH 4275 HE	Chilled conditions Wet surfaces - Glass and PE Excellent grab and non-staining	-8 °C



PATENTED



## Dairy & Soft drinks

QUALITY ADHESIVES		Tg (°C)
TLH 4275 HE	Chilled conditions Wet surfaces - Glass and PE High grab on versatile substrates	-8 °C
TLH 4272 E	Chilled conditions Wet surfaces - Glass and PE High grab and clear labels	-5 °C



PATENTED





# FOOD

## EU 10/2011 Standard for food contact

Safety is the first priority in the food industry. Bostik food regulation experts support you with food-safe adhesive solutions to match your customers' needs, in this ever-evolving regulatory environment.

EU 10/2011 / SAFE FORMULATION		Tg (°C)
TLH 4200 E*	Ambient conditions Versatile substrates EU 10/2011	-8 °C
TLH 2259 E*	Deep-freeze conditions Wet surfaces - PE, cardboards EU 10/2011	-18 °C



## Linerless Labels

Bostik developed adhesive products with specific release behavior, suitable for linerless applications. Our adhesives help produce greener and smarter labels while saving on raw material, waste, storage and freight.

LINERLESS		Tg (°C)
TLH 4300 E	Ambient conditions Versatile substrates Good converting properties, smooth release behavior	2 °C
TLH 4300/2 E	Chilled conditions Wet substrates High grab, good adhesion	-5 °C





# From ambient to deep-freeze

Bostik adhesives offer reliable performance and superior quality from ambient to deep-freeze conditions, for food industry applications. We offer grades complying with EU10/2011 or ISEGA standards.

AMBIENT CONDITIONS		Tg (°C)
TLH 4200 E*	Ambient conditions Versatile substrates EU 10/2011, good grab and shear	-8 °C
TLH 4272 E	Ambient conditions Versatile substrates and face stocks – Paper, Polyolefin Good adhesion and loop	-5 °C



CHILLED CONDITIONS		Tg (°C)
TLH 4272 E	Chilled conditions Versatile substrates and face stocks Condensation resistance	-5 °C
TLH 4275 HE	Chilled conditions Difficult substrates – Recycled cardboard High grab, excellent converting properties	-8 °C



DEEP-FREEZE CONDITIONS		Tg (°C)
TLH 2259 E*	Deep-freeze conditions Wet surfaces EU 10/2011, high adhesion	-18 °C
TLH 2262 E	Very deep-freeze conditions Wet surfaces Excellent converting properties, high adhesion	-30 °C



\* Meets food grade regulation EU 10/2011





# DIFFICULT SUBSTRATES

Smart solutions exist, even for the most demanding specialties. As proven by our partnership with the Tour de France, Bostik high-performing adhesives are designed for each singular need, including niche markets and specific substrates.

TIRE		Tg (°C)
TLH 2548 EM	Ambient conditions Adhesion on irregular surfaces & plasticizer resistant Highly aggressive	2 °C
TLH 2549 E	Winter tires Adhesion on irregular surfaces & plasticizer resistant Highly aggressive, low bleeding	-5 °C



OIL CAN		Tg (°C)
TLH 4280 E	Ambient conditions Difficult substrates High grab, excellent converting properties	2 °C
TLH 4119 E	Ambient conditions Greasy substrates No tunneling effect, high grab	5 °C



DETERGENT BOTTLE		Tg (°C)
TLH 4280 E	Ambient conditions Difficult substrates - OPP High grab, excellent converting properties	2 °C
TLH 2901/1 E	Ambient conditions Very difficult substrates High grab, high shear, high cohesion	14 °C



TEXTILE		Tg (°C)
TLH 4119 E	Ambient conditions Difficult & reactive substrates High grab, easy processing	5 °C
TLH 2211 ELO	Ambient conditions Tissue-tissue contact High initial tack, high shear resistance	15 °C
TLH 4253 E	Ambient conditions Adhesion on difficult substrates and foams Very high grab	7 °C



# CHALLENGING CONDITIONS

Facing challenging conditions such as high temperatures, tear stress or customer specific processes, labels have no easy life. We take the challenge with you!

DRUM		Tg (°C)
TLH 4280 E	Ambient conditions & marine immersion (BS 5609) Difficult substrates High grab, no tunneling effect, easy processing	2 °C



SECURITY - MONEY BAG		Tg (°C)
TLH 4492 E	Ambient & cold conditions Plastic Film - PE Resistance against tearing, high grab	-8 °C
TLH 2299 E	Warm conditions Plastic Film - PE Resistance against tearing at high temperature	4 °C



ENVELOPE		Tg (°C)
TLH 4280 E	Ambient conditions Standard substrates, paper High grab, easy processing	2 °C
TLH 4492 E	Ambient & cold conditions Versatile substrates, plastic film - PE Resistance against tearing, high grab	-8 °C



LASER PRINT - HIGH TEMPERATURE APPLICATION		Tg (°C)
TLH 4272 E	High temperature resistance Difficult substrates - PE, varnish Easy processing, high grab	-5 °C
TLH 4275 HE	High temperature resistance Difficult substrates - PE, varnish Easy processing, high grab	-8 °C





# HEALTH CARE

Pharmaceutical labels display decisive product information from conditioning to shopping. Bostik offers dedicated adhesive solutions, permanent or removable, depending upon your final application.

PHARMACEUTICAL		Tg (°C)
TLH 2355 E	Ambient conditions Versatile substrates – PE, cardboard Removable, easy processing	-30 °C
TLH 4272 E	Chilled conditions Versatile substrates Permanent label, high grab	-5 °C



# COSMETICS

Labels are a key media to communicate your identity. For standard and premium packaging, Bostik delivers quality adhesives for a perfect high-end look.

BEAUTY CARE		Tg (°C)
TLH 4280 E	Ambient conditions Difficult substrates – Glass, PE, cardboard High grab, excellent converting properties	2 °C
TLH 4197 E	Ambient conditions Plastic substrates and transparent face stocks Clear on clear, repositionable	5 °C



# PHYSICAL PROPERTIES

Application	TLH	Service Temperature (°C)	Tg* (°C)	Shear FTM* 8	Loop tack FTM* 9	Peel FTM* 1	Av. viscosity 163 °C (mPa.s)	Packaging
Logistics	2355 E	-40 to 60	-30	**	*	*	12 000	
	4000 E	-20 to 60	2	***	***	**	12 000	
Beverages	4280 E	-20 to 60	2	***	***	**	13 000	
	4119 E	-20 to 60	5	**	***	**	15 000	
Food	4272 E	-20 to 60	-5	**	***	**	16 000	
	4275 HE	-20 to 60	-8	**	***	**	22 000	
Specialties	4300 E	-20 to 60	2	***	***	**	13 000	
	4300/2 E	-20 to 60	-5	**	***	**	16 000	
Health and beauty	4200 E	-20 to 60	-8	**	***	**	15 000	
	2259 E	-40 to 60	-18	**	**	**	15 000	
Logistics	2262 E	-40 to 60	-30	*	*	*	13 000	
	2548 EM	-20 to 50	2	**	***	**	6 000	
Beverages	2549 E	-20 to 50	-5	**	***	**	10 000	
	2901/1 E	-10 to 70	14	***	***	***	22 000 at 177 °C	
Food	2211 ELO	-10 to 70	15	***	***	***	18 000	
	4253 E	-20 to 60	7	**	***	**	8 000	
Specialties	4492 E	-20 to 60	-8	**	**	**	5 000	
	2299 E	-15 to 80	4	***	***	***	20 000 at 177 °C	
Health and beauty	4197 E	-20 to 60	5	***	**	**	30 000	

-  Logistics
-  Beverages
-  Food
-  Specialties
-  Health and beauty



\* Tg : Glass-transition temperature

\* FTM : Finat Test Method

The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold pursuant to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



Smart help:  
[contact.label@bostik.com](mailto:contact.label@bostik.com)

**Bostik SA**

253, avenue du Président Wilson  
93211 La Plaine Saint-Denis Cedex  
France

[www.bostik.com](http://www.bostik.com)  
an Arkema company

 **FINAT** Member of FINAT  
Linking the Label Community

**ARKEMA**  
INNOVATIVE CHEMISTRY