



Adestor

HOT-MELT ADHESIVES

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- Hot-melts are 100% solid at room temperature. No solvents or water are used giving them a quick set time.
- Our hot-melts are rubber-based with resins, plasticizers and other additives which are heated and applied to the liner when melted during the production of self-adhesive complex.
- The advantages of hot-melt adhesives are summarised as follows:
High initial or quick adhesion,
Very good adhesion on moist and non-polar surfaces,
Excellent performance on cold or deep freezer applications.

HM100 Chilled

HM100, general purpose hot-melt adhesive, is designed for good performance in chilled conditions - 0°C to +8°C -.

Its formulation offers a well-balanced converting, high productivity and good adhesion on most packaging surfaces used in the food industry, modified atmosphere packaging films and cardboard boxes.



HM200L Logistics

HM200L is a hot-melt adhesive specially formulated for excellent performance in logistics and ecommerce applications.

It provides excellent performance on most common surfaces in the logistics packaging industry i.e. cardboard boxes and LDPE films.

HM300 Frozen

HM300 is specially designed for use in cold and freezer applications. Its formulation offers excellent adhesion on a wide variety of substrates such as packaging films or cardboards.

Excellent adhesion when labelling frozen products including rough surfaces.

Good performance on cold or deep freezer applications.



Food Contact

One of the main end uses of hot-melt adhesives is the food industry. Food contact materials, direct or indirect, are regulated by (EC) 1935/2004. Adestor hot-melt products comply with this regulation.

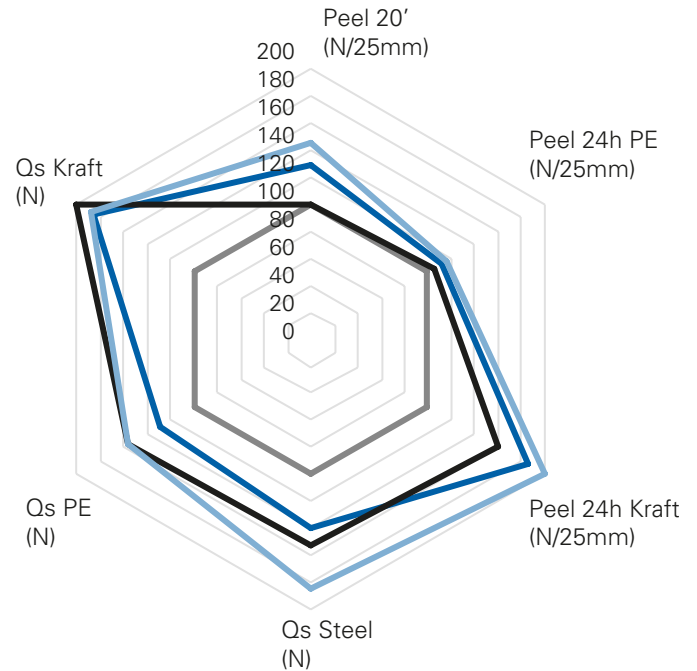
Regulation (EC) 1935/2004 requires that all products in contact with food (Food Contact Materials – FCM) be manufactured according to Regulation (EC) 2023/2006 for Good Manufacturing Practices (GMP). Adestor hot-melt products comply with this regulation.

Adestor Hot-Melt adhesion performance

All our hot-melt adhesives have been formulated with focus on the end use.

The closed collaboration between equipment manufacturers, labels converters and end users results in high performance adhesives for the food and logistic sectors.

- HM100
- HM200L
- HM300
- Market Ref. Std
- %



Stock product portfolio

Face-stock	Adhesive	Liner	Service									
			Stock*		Exact Cut		Variable Printing		End Use conditions			
			Al	Ga	2000	4000	TTR	DT	Ambient	Chilled	Frozen	
White Uncoated												
Offset	HM100	Ambar Glassine 62	•	•	•	•	•	•	•	•	•	•
Offset	HM200L	Ambar Glassine 62	•				•		•	•		
Offset	HM300	Ambar Glassine 62	•				•					•
White SemiGloss												
Adestor Gloss 80	HM100	Ambar Glassine 62	•	•	•	•	•	•	•	•	•	•
Adestor Gloss 80	HM200L	Ambar Glassine 62	•				•		•	•		
Adestor Gloss 80	HM300	Ambar Glassine 62	•	•			•		•	•	•	•
Thermal Eco												
Thermal Eco BPA Free	HM100	Ambar Glassine 62	•	•	•	•			•	•	•	
Thermal Eco BPA Free	HM200L	Ambar Glassine 62	•						•	•	•	
Thermal Top												
Thermal Top LR BP Free	HM200L	Ambar Glassine 62	•						•	•	•	
Thermal Top+ BPA Free	HM100	Ambar Glassine 62	•	•	•	•			•	•	•	
Thermal Top+ BPA Free	HM300	Ambar Glassine 62	•	•					•			•

* Al = Almazán
Ga = Cartiere del Garda



Adestor HM100

HOT-MELT ADHESIVE

Versatility and productivity for cold use packaging labels

A general purpose hot-melt adhesive designed for good performance in chilled conditions - 0°C to +8°C -.

- Its formulation offers a well-balanced converting, high productivity and good adhesion on most packaging surfaces used in the food industry, modified atmosphere packaging films and cardboard boxes.
- HM100 is available in a wide range of complexes notably Thermal Eco BPA Free, Thermal Top Plus BPA Free, Gloss, Offset, Direct Thermal and Thermal Transfer label face-stocks.
- HM100 adhesive is designed for use in direct contact with dry and moist, non-fatty foodstuffs as indicated in Regulation (EU) No. 10/2011.

TECHNICAL SPECIFICATIONS

Description General use hot-melt adhesive in chilled conditions. For difficult, slightly wet and semi-frozen surfaces.

Shelf life 1 year at 20°C and RH 50% from date of manufacture.

Property	Norm	Units	Value	Tolerance
Adhesion (Peel 180° 20'/stainless steel)	FTM 1	N/25mm	18,4	≥ 14,7
Shear (1kg, in ² /glass)	FTM 8	min	750	≥500
Tack (Quick Stick stainless steel)	FTM 9	N	13,5	≥11
Minimum labelling temperature		°C	0	
Minimum service temperature		°C	-20	
Maximum service temperature		°C	+60	

Values are subject to change without notice. Last updated 2/25/2019.

Certifications Our self-adhesive mill is certified to the strictest environmental standards ISO 14001 and EMAS and has successfully completed audits for ISO 50001, ISO 9001 and OHSAS 18001 certification. Adestor paper products are available with PEFC™ and FSC® chain of custody certificates upon request.



More technical information at www.adeator.com

The technical information in this document reflects our knowledge and experience and should only be considered as a general guideline.



Adestor HM300

HOT-MELT ADHESIVE

A solution for low-temperature or frozen food labelling applications

Excellent adhesion when labelling frozen products including rough surfaces and good performance on cold or deep freeze applications.

- High productivity in air-blow dispensing lines with enhanced quick stick adhesion.
- HM300 is available in a wide range of complexes notably Thermal Eco BPA Free, Thermal Top Plus BPA Free, Gloss, Offset, Direct Thermal and Thermal Transfer label face-stocks.
- HM300 adhesive is designed for use in direct contact with dry and moist, non-fatty foodstuffs as indicated in Regulation (EU) No. 10/2011.

TECHNICAL SPECIFICATIONS

Description

Hot-melt permanent adhesive with high initial tack and excellent final adhesion, specially designed for use in cold or deep freeze applications. Ideal for contactless and high speed labelling.

Shelf life

1 year at 20°C and RH 50% from date of manufacture.

Property	Norm	Units	Value	Tolerance
Adhesion (Peel 180° 20'/stainless steel)	FTM 1	N/25mm	18	≥ 15
Shear (1kg, in ² /glass)	FTM 8	min	1300	
Tack (Quick Stick stainless steel)	FTM 9	N	18	≥ 15
Minimum labelling temperature		°C	-5	
Minimum service temperature		°C	-40	
Maximum service temperature		°C	+60	

Values are subject to change without notice. Last updated 2/25/2019.

Certifications

HM300 complies with the BfR XIV (ISEGA) for food contact.

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Adestor HM200L

HOT-MELT ADHESIVE

Secure your label information throughout the whole supply chain

Hot-melt adhesive specially designed for logistics and ecommerce applications.

- HM200L provides excellent performance on most common surfaces in the logistics packaging industry i.e. cardboard boxes and LDPE films.
- HM200L is available in a wide range of face-stocks that ensures scratch resistance and barcode readability, needed in Logistics and Retail industries.

Adestor HM200L

TECHNICAL SPECIFICATIONS

- Description* Hot-melt permanent adhesive especially designed for logistics and ecommerce applications.
- Application* Excellent performance on most common surfaces in the logistics packaging industry i.e. cardboard boxes and LDPE films.
- Shelf life* 1 year at 20°C and RH 50% from date of manufacture.

Property	Norm	Units	Value	Tolerance
Adhesion (Peel 180° 20'/stainless steel)	FTM 1	N/25mm	19	≥ 15
Shear (1kg, in ² /glass)	FTM 8	min	1300	≥ 1000
Tack (Quick Stick stainless steel)	FTM 9	N	19	≥ 15
Minimum labelling temperature		°C	10	
Minimum service temperature		°C	-30	
Maximum service temperature		°C	+60	

Values are subject to change without notice. Last updated 2/25/2019.

- Certifications* Our self-adhesive mill is certified to the strictest environmental standards ISO 14001 and EMAS and has successfully completed audits for ISO 50001, ISO 9001 and OHSAS 18001 certification. Adestor paper products are available with PEFC™ and FSC® chain of custody certificates upon request.



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