



packaging **case-carton-sealing**

# hot melt adhesives

for **end-of-line**  
**packaging** applications

**Experience performance** from  
our **hot melt adhesives** for '**end  
of line**' packaging application

○ waxes adhesives coatings

Advantages of metallocene technology

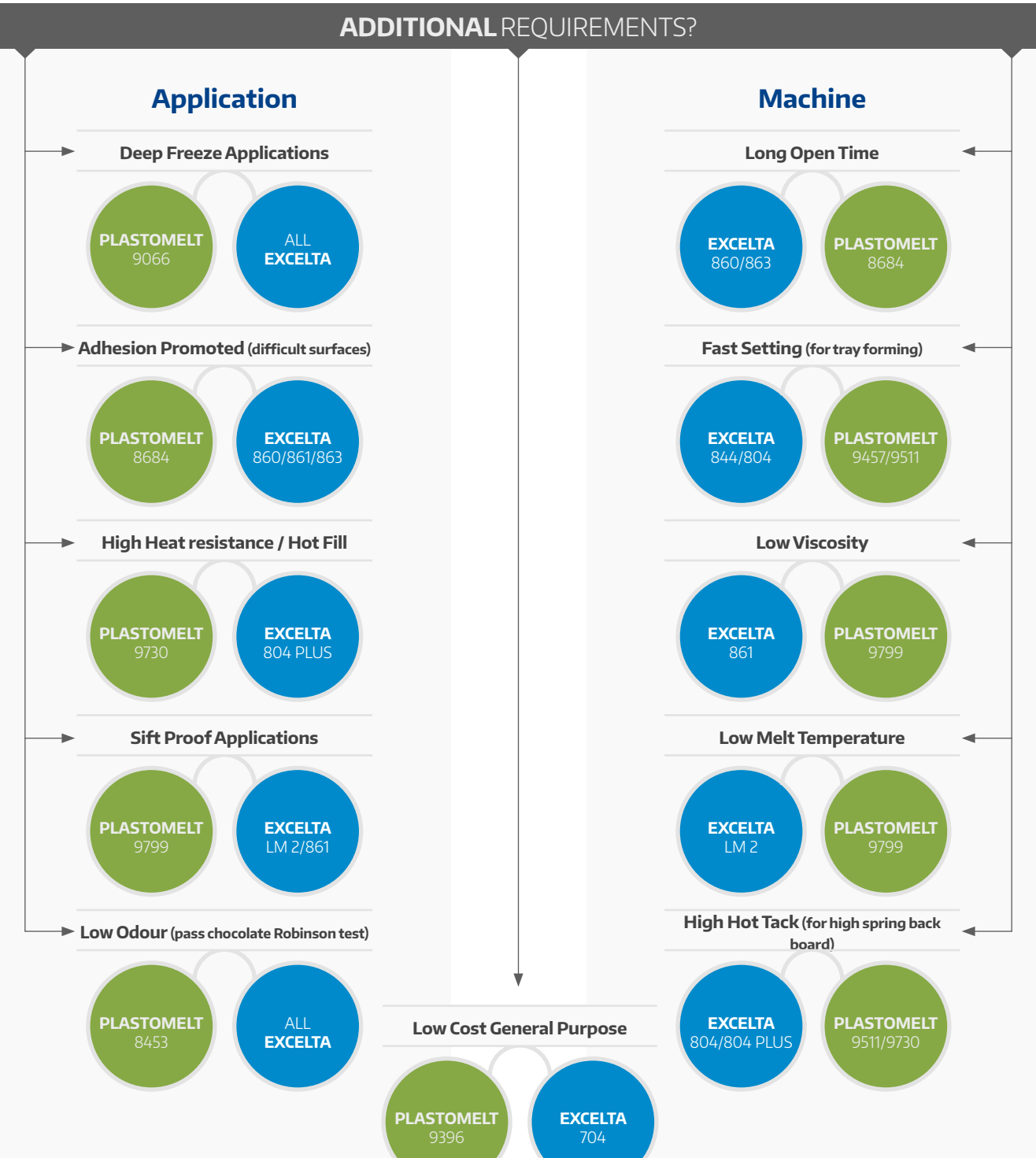
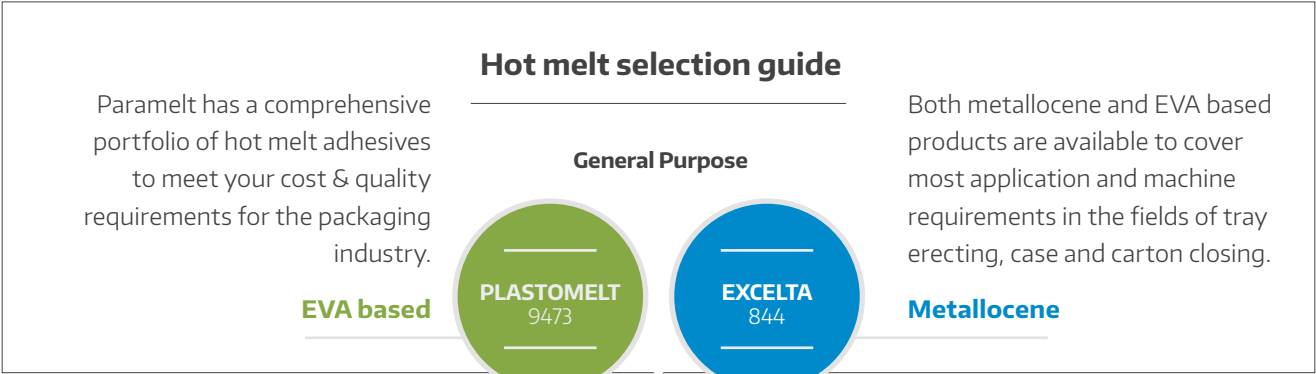
Metallocene, polyolefin based hot melts have a number of distinct advantages over conventional EVA based adhesives, offering significant benefits in relation to the costs, quality and safety of your operations as summarised in the following table.

Features	Benefits	Specifics
Application benefits	High purity raw materials	More suitable for food packaging applications
	Wide service temperature range	Final bonds are resistant to both high temperatures as well as deep freeze conditions
	Effective bonding	Bonds to a wide range of difficult substrate materials.
		Enhanced package appearance
		Direct food contact approval
		Reduced organoleptic impact
		Improved robustness and reliability in the logistics chain.
		Potential to reduce the number of hot melts in use
		Grades covering plain, printed, coated and lacquered boards

Features	Benefits	Specifics
Machine operational benefits	Reduced adhesive consumption	10% lower density and enhanced bonding performance allow significantly lower consumption
	Excellent thermal stability	No gel or char formation resulting in reduced maintenance requirements
	Outstanding viscosity stability	Adhesive runs continuously without the need to adjust machine settings
	Optimal jetting performance	Consistent bead size and placement with less stringing or tailing.
	Volatile free	No generation of odour or fumes
		Direct adhesive consumption typically 20-40% less, depending on application.
		Significantly reduced maintenance costs e.g. tank, hose, filters and nozzles.
		Reduced operator intervention. Machine can be set for optimal adhesive dosage and placement.
		Reduced machine downtime for cleaning.
		Improved package appearance.
		Improved working environment.

Cost saving    Quality improvement    Risk reduction

The products presented in this brochure are a selection from our comprehensive range



Typical hot melt properties

A summary of typical product and performance characteristics is given below. For more comprehensive information on a specific product, please request a copy of the relevant technical datasheet from us.

Product		Viscosity @ 160°C (mPa.s)	Open time	Setting speed	Colour	Application Temperature (°C)
EXCELTA™ Metallocene	804	2700	short	fast	white	160-185
	844	1400	short	fast	white	160-185
	804 plus	2700	short	fast	white	170-185
	704	1750	short	fast	off-white	160-185
	831	1200	short	fast	white	160-185
	833	1550	long	fast	white	150-190
	LM 2	1800 (130°C)	medium	fast	white	120-160
	860	2550	long	fast	white	160-190
	861	650	medium	fast	white	130-180
	863	2050	very long	fast	off-white	150-180

Product		Viscosity @ 160°C (mPa.s)	Open time	Setting speed	Colour	Application Temperature (°C)
PLASTOMELT™ EVA based	8453	1050	short	short	white	140-175
	9679	1250	short	fast	white	150-180
	9001	1500	short	short	white	150-180
	9473	1250	medium	fast	light yellow	150-180
	9511	1500	short	fast	light yellow	150-175
	8684	1500	short/medium	fast	light yellow	150-170
	9396	875	medium	medium fast	light yellow	150-175
	9799	900	medium	medium	light yellow	150-180
	9066	1250	medium	medium	light yellow	150-180
	9457	1850	short	fast	light amber	165-180
	9730	3200	short	very fast	light amber	165-180



## We are Paramelt

Founded in 1898, Paramelt has over 120 years of experience and today is a global producer of wax blends, adhesives and specialty dispersions. Operating from production sites in The Netherlands, United Kingdom, the USA and China we work together in a team of about 500 employees around the world. In most of our core applications Paramelt is the acknowledged market leader.

**Excelta™ and Plastomelt™ are trademarks of Paramelt** Information and details given in this document, particularly any recommendations for application and use of our products are based on careful laboratory tests and prevailing practical experience and are believed to be correct at time of publication. For more information: [paramelt.com/disclaimer](http://paramelt.com/disclaimer)

### **Paramelt Europe**

Costerstraat 18  
1704 RJ Heerhugowaard  
The Netherlands  
t +31 72 57 50 600

### **Paramelt USA**

2817 McCracken Street,  
Muskegon, MI 49441  
United States of America  
t +1 231 759 7304

### **Paramelt Asia**

109 Sutong Road,  
Suzhou Industrial Park  
Suzhou, Jiangsu 215021, China  
t +86 512 6761 6618



waxes adhesives coatings

[www.paramelt.com](http://www.paramelt.com)

 **paramelt**  
experience. performance.