

Mactac® Adhesive Performance Chart

The following chart includes general characteristics and comparisons of Mactac adhesives. The information is for reference only. Customer or end user should always test for suitability of a product for a given application. Results may vary with substrate variances, dwell time, shape of structure, environmental conditions, etc. Contact Mactac for samples and to discuss your specific application. Information is believed to be accurate and reliable at the time of issuance but no guarantee of accuracy or completeness is made or implied.

Adhesives	Permanent			All Temp, Cold Temp & Freezer				Removable					Special Permanent									
	InFusion®	710VHP	ST-95	CHILL AT™	CHILL AT™ EXTREME	640 AT	733	HR51	MR860	1001	MR840	ReLATCH MP820	711VHP	705VHP	XT100	910	MP880	PUReapply	MP690	PUREtac™ CL216	744VHP	
Adhesive Type	Rubber Based	Rubber Based	Acrylic Based	Rubber Based	Rubber Based	Acrylic Based	Rubber Based	Acrylic Based					Rubber Based	Rubber Based	Acrylic Based	Acrylic Based	Acrylic Based	Rubber Based	Acrylic Based	Rubber Based	Rubber Based	Rubber Based
Min. App. Temp. °F	20	20	25	-10	-10	-20	0	32	25	45	25	40	20	20	32	25	40	10	50	32	20	
Min. Service Temp. °F	-65	-65	-75	-65	-65	-65	-65	-40	-40	-50	-40	-65	-65	-65	-75	-75	-65	-50	-40	-50	-65	
Max. Service Temp. °F	150	150	200	150	150	200	150	200	200	200	200	350	150	150	200	200	350	175	300	160	150	
Applications																						
Repositionable	■	■	+	■	■	✓	+	+	+	✓	■	✓	■	■	+	+	✓	✓	+	■	■	
Mandrel	+	+	✓	+	+	✓	+	■	■	■	■	■	+	■	+	+	✓	+	+	✓	■	
Hot Fill	+	+	+	+	+	✓	+	+	+	■	+	+	+	+	+	+	+	+	+	+	+	
Moist	✓	✓	+	✓	✓	✓	✓	■	+	■	+	+	+	+	+	+	+	✓	+	✓	✓	
Surfaces/Substrates																						
Rough Textured	+	+	+	+	+	+	+	■	■	■	■	■	+	✓	✓	+	+	✓	+	+	✓	
Aluminum	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Corrugated	✓	✓	✓	✓	✓	✓	+	+	+	✓	+	+	+	+	✓	✓	+	✓	✓	+	✓	
Fiber Drums	+	+	✓	+	+	✓	✓	+	+	+	+	+	+	✓	✓	+	✓	✓	✓	+	✓	
Glass	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HDPE	✓	✓	✓	✓	✓	✓	✓	+	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LDPE	✓	✓	+	✓	✓	✓	✓	+	✓	+	✓	✓	✓	✓	+	+	✓	✓	+	✓	✓	
Steel	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Painted Enamel	✓	✓	✓	✓	✓	✓	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wood	+	+	+	+	+	+	+	■	■	■	■	■	+	✓	✓	+	+	✓	+	+	✓	

✓ Recommended + Test ■ Not recommended

Minimum Application Temperature - lowest ambient & substrate temperature recommended
Minimum Service Temperature - lowest temperature labeled product should be exposed
Maximum Service Temperature - highest temperature labeled product should be exposed

