



**MACtac Adhesive Guide**  
**October 2009**

Revised 10/27/09

Adhesive	Min Appl. Temp*	Service Range	U. V. Resistance	Solvent Resistance	FDA 21 CFR 175.105. Compliant	FDA 21 CFR 175.125 (a) & (b) Compliant	Description
InFusion™	+20°F (-7°C)	-65°F to +150°F (-54°C to +71°C)	No	No	Yes	No	Hybrid adhesive system is a proprietary blend of adhesive and silicone to allow clean die-cutting and matrix stripping at faster speeds and wider webs. Aggressive permanent adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.
710VHP	+20°F (-7°C)	-65°F to +150°F (-54°C to +71°C)	No	No	Yes	No	Permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Exceptional high speed converting.
ST-95	+25°F (-4°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	Yes	No	A general purpose permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Very good mandrel hold and glove friendly, ST95 is widely used in healthcare applications.
MP930	+25°F (-4°C)	-75°F to +200°F (-59°C to +93°C)	Good	No	Yes	No	A general purpose permanent acrylic emulsion designed to adhere to corrugated substrates.
640AT	-20°F (-29°C)	-65°F to +200°F (-54 to +93°C)	Limited	No	Yes	No	An all temperature glove friendly acrylic adhesive that performs in both cold and damp environments and in elevated temperature applications. 640 AT converts well on today's faster and wider presses.
733	0°F (-18°C)	-65°F to +150°F (-54°C to +71°C)	No	No	Yes	No	A rubber-based freezer adhesive characterized by moderate initial tack and excellent ultimate adhesion. Works effectively with common meat label packaging substrates and has shown excellent performance on cold/wet substrates.
CP-40	-20°F (-29°C)	-65°F to +200°F (-54 to +93°C)	Limited	No	Yes	No	An specially designed adhesive for use in the poultry packaging industry. Excellent adhesion to packaging films under cold and damp conditions.
711VHP	+20°F (-7°C)	-65°F to +120°F (-54°C to +49°C)	No	No	Yes	Yes	A permanent adhesive with moderate cold temperature application for food labeling.
HR-51	+32°F (0°C)	-40°F to +200°F (-40°C to +93°C)	Good	Moderate	Yes	No	A general purpose removable adhesive. Offers excellent long-term removability from a wide variety of substrates.
MR-1	+20°F (-7°C)	-65°F to +125°F (-54°C to +52°C)	Limited	No	Yes	No	A general purpose rubber-based removable adhesive. Offers good initial tack and clear removability for most common substrates.
1001	+45°F (7°C)	-50°F to +150°F (-45 to +66°C)	Good	Moderate	Yes	No	An acrylic emulsion adhesive characterized by ultra repositionability and residue free removability from most common substrates. Not recommended for automatic dispensing, small or intricate label configurations, and roll-to-sheet
LT-20	+32°F (0°C)	-40°F to +200°F (-40°C to +93°C)	Good	Moderate	Yes	No	A specially designed adhesive that exhibits delayed or low initial tack and moderate ultimate adhesion. Short-term removability from many substrates.



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MP725	+20°F (-7°C)	-65°F to +150°F (-54°C to +71°C)	No	No	Yes	No	A special purpose permanent rubber-base adhesive. Provides excellent adhesion to rubber and many other difficult substrates.
705VHP	+20°F (-7°C)	-65°F to +150°F (-54°C to +71°C)	No	No	Yes	No	A high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. It has good flow characteristics, which permits adhesion to most rough textured surfaces.
XT99	+32°F (0°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	Yes	No	A special formulation of permanent high tack acrylic adhesive with superior adhesion for demanding applications requiring greater tack than standard adhesives.
XT-100	+32°F (0°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	Yes	No	A permanent, ultra high tack adhesive designed for special applications requiring greater tack than a standard industrial product. Especially good on rough and porous substrates.
PC5000	+40°F (4°C)	-65°F to +200°F (-54 to +93°C)	Good	Moderate	Yes	No	A clear acrylic permanent adhesive used primarily with film face stocks. Features good initial tack, excellent ultimate adhesion and wet out on most substrates. Displays excellent moisture and U.V. resistance. Excellent for clear films and squeezable applications.
MP2000	+40°F (4°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	Yes	No	An acrylic permanent adhesive that exhibits excellent initial tack and ultimate adhesion to high-energy surfaces and polyolefins. Designed for more durable applications.
MF2030	-20°F(-29°C)	-65°F to +200°F (-54 to +93°C)	Good	Moderate	Yes	No	An aggressive cold temperature adhesive specifically developed to adhere to all types of metal and polyethylene drums, both new and reconditioned.
MP238	+40°F (4°C)	-40°F to +257°F (-40 to +125°C)	Good	Moderate	Yes	No	A permanent, emulsion acrylic adhesive with excellent tack and ultimate adhesion to a variety of surfaces. Designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening.
910	+25°F (-4°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	Yes	No	A patented formula designed to eliminate virtually all sheet edge adhesive bleed and eliminate the need to strip a matrix around the edge. It is general purpose, permanent acrylic emulsion adhesive, characterized by excellent ultimate adhesion to a wide variety of substrates.

This chart is for general reference. MACTac will provide product specific letters regarding FDA compliance. Please contact your MACTac Account Manager or MACTac Customer Service at 800-548-3456 for details.