

Adhesive Selection Guide

Adhesive	Product Description	Minimum Application Temp.	Service Temp. Range
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HIGH PERFORMANCE

AC90	High-performance acrylic. UL-969 indoor/outdoor recognized on certain facestocks. Latex free.	+20F	-40F – +300F
OL1	Clear acrylic with excellent wet-out characteristics, good UV stability and high-performance when used in overlamine applications. Latex free.	+20F	-20F – +250F
DG50	High-performance acrylic with excellent quick-stick and aggressive adhesion. Latex free.	+20F	-40F – +250F
P2000	Very aggressive rubber-resin with excellent adhesion to a variety of substrates.	+20F	-20F – +220F
SP111	Aggressive permanent acrylic designed for hard-to-label surfaces. Latex free.	+40F	-20F – +140F
TL1	Rubber-resin formulated for excellent adhesion to most tires. End use must be specified in order to assign coat weights.	+32F	-20F – +160F
P50	Aggressive acrylic with exceptional durability, die cutting and stripping capabilities. Latex free.	+20F	-30F – +250F
BL6400	Rubber-resin designed for demanding industrial grade applications.	+35F	-20F – +220F

SPECIAL PERFORMANCE

SA780	Specifically designed for custom void applications. This tackified acrylic has excellent adhesion and shear properties. Latex free.	+20F	-30F – +200F
SA200	Aggressive, water-based, rubber-resin permanent adhesive with excellent adhesion to a variety of surfaces.	+20F	-20F – +220F
DFC	Direct food contact rubber-resin with strong initial tack that leads to high, ultimate adhesion. 21CFR175.125 Paragraph B.	+30F	-10F – +220F
P65	Tackified acrylic formulated to provide an aggressive adhesion to a variety of surfaces. Compliant with California Proposition 65.	+10F	-20F – +220F
Skin Pro	Proprietary acrylic designed for skin contact. Non-irritant under OECD Guideline 404 and a “non-skin irritant” under FHSA16 CFR1500.3(c)(4). Latex free.	+40F	-20F – +140F
WL5000	Permanent acrylic with lasting performance in an ice bath. Removable with warm water (removability will vary depending on water temperature). Latex free.	+20F	-20F – +140F
BA702	Tackified acrylic for paper-to-paper labeling applications. Meets requirements for environmentally benign adhesives. Latex free.	+35F	-20F – +220F
EF701	Environmentally benign and recycling compatible acrylic. Complies with TLMI LRP2 and TLMI EBA SPEC 1. Latex free.	+30F	-20F – +220F
WAT1	White tinted, water-based all-temperature permanent acrylic. Provides a softer, mid-level opacity when compared to blackout. Latex free.	-20F	-40F – +250F
WGP1	White tinted, water-based general purpose acrylic. Adheres well to a wide variety of surfaces. Provides a softer, mid-level opacity when compared to blackout. Latex free.	-20F	-40F – +250F
RE10 Blockout	Black, opaque, water-based general purpose removable acrylic with clean removability from low energy surfaces. Latex free.	+40F	+20F – +200F
GPX Blockout	Black, opaque, water-based permanent acrylic with high tack and moderate adhesion to both high and low energy surfaces. Latex free.	+20F	-20F – +200F
CP1	Permanent, rubber-resin emulsion that meets the requirements of DIN CERTCO and BPI for biodegradability and compostability. Adhesive complies with ASTM D6400.	+20F	-20F – +250F

All adhesives are CONEG and 21 CFR 175.105 compliant.

additional adhesives on pg.2

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REMOVABLE, RESEALABLE

RE10	General purpose removable acrylic. Provides clean removability from low energy surfaces. Latex free.	+40F	+20F – +200F
RE1000	Ultra-removable acrylic suitable for paper or film facestocks. Latex free.	+40F	+20F – +200F
MS1000	Microsphere adhesive. Available on limited facestocks. Latex free.	+40F	+40F – +120F
RC33	General purpose removable acrylic that offers resealability with certain face/surface combinations. Latex free.	+40F	+40F – +200F
UCR1	Clear ultra-removable acrylic adhesive with low peel adhesion properties. Considered for PET and other films.	+40F	+20F – +120F
UR7	Water-based acrylic specifically for vinyl applications. Provides excellent peel adhesion stability over extended time periods.	+40F	-40F – +150F

COLD TEMPERATURE/FREEZER

AT4505	Permanent all-temperature acrylic. Latex free.	-20F	-30F – +200F
CT3	Permanent, freezer grade acrylic for both paper and film facestocks. Latex free.	-30F	-50F – +125F
42FRX	Rubber-resin permanent for freezer applications. Excellent on moist or damp substrates - including waxed or recycled corrugates.	+10F	-20F – +300F

MULTI-PURPOSE PERMANENT

21P	General purpose acrylic formulated for a variety of end uses with film facestocks. Latex free.	+35F	-65F – +200F
30P	General purpose rubber-resin. Especially good on low energy surfaces.	+35F	-20F – +220F
SX78	Proprietary tackified acrylic. Has a unique formulation that provides better converting and reduces cold-flow issues typical of tackified adhesives. Latex free.	+20F	-30F – +200F
GPX	General purpose acrylic that provides good adhesion to a variety of surfaces with paper or film facestocks. Latex free.	+20F	-20F – +200F
20P	General purpose acrylic that dispenses well in high-speed labeling applications. Latex free.	+35F	-65F – +200F

PHARMACEUTICAL, TIGHT MANDREL

31PB	Tackified acrylic with excellent small radius labeling ability: glove friendly. Latex free.	+40F	-30F – +200F
60SP	Pharmaceutical grade, permanent acrylic. Latex free.	+25F	-18F – +135F

TEXTILE

TA1000	Water-based acrylic. Excellent machineability when die cutting, stripping and dispensing.	+40F	-65F – +200F
TA1001	Water-based acrylic. More aggressive formulation than TA1000. Excellent machineability when die cutting, stripping and dispensing.	+35F	-65F – +200F
SE1	Water-based acrylic. Formulated to provide an aggressive immediate adhesion to a variety of surfaces. Ideal for soil resistant, hard-to-stick to and/or wrinkle-free fabrics.	+30F	-60F – +160F

All adhesives are CONEG and 21 CFR 175.105 compliant.

The adhesive information provided is intended for general reference only and is based on data provided by commercial suppliers that is believed to be in good faith and accurate. Thorough end-use testing under appropriate environmental conditions should occur to ensure that all application requirements are met. Acucote does not guarantee satisfactory results in any application from reliance on this information and assumes no liability for any loss or damage arising out of its use.

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