

FlexTac 272

Remoistenable Envelope Front Gum

FlexTac 272 is a high solids, high performance product developed as a remoistenable adhesive for use on envelope front gum applications. This adhesive is formulated to be fast setting, non-blocking and has inherent rheological characteristics designed to provide excellent processing on the adhesive coater. FlexTac 272 exhibits excellent adhesive properties and will not discolor tinted papers. FlexTac 272's low cost and excellent machining characteristics provide the paper converter cost reduction, increased output and outstanding product versatility.

Additionally, two versions of FlexTac 272 are available that compensate for climate changes – winter and summer versions. The winter version – which will normally run well fall, winter, and spring – has slightly longer open time to compensate for lower humidity conditions. The summer version has less open time to compensate for higher humidity levels typically encountered during the summer months.

FDA Status	Complies with 21CFR175.105
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Applications	Front Gum Adhesive for Envelopes
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Typical Properties

Total Solids (1)	67.5 ± 1.5 %
Viscosity _i (2)	3250 ± 250 cps
pH	3.0 ± 0.5
Weight per Gallon @ 25°C	10.5 ± 0.2 lbs.
Storage Life	3 months at room temperature
Application Method	Roll coater

Viscosity variations are available for different roller configurations and seasonal weather changes.

FlexTac 272 was direct coated onto 24# bond paper at 1 wet mil. The adhesive was then allowed to air dry for 24 hours. After drying, the adhesive was then remoistened and laminated to 24# bond paper. The bond was immediately rated as follows:

Immediate Bond:	Deep fiber tear
Layflat of Dried Adhesive Film:	Excellent

(1) Forced air oven 2 hours at 105° C

(2) Brookfield RVT, Spindle #5 @ 20 RPM at 25°C