

A11050G W/B Heat Seal Blister Coating

DESCRIPTION

This is a heat sealable coating for blister pack applications. This coating is recommended for 1-sided and work and is formulated for coated board substrates for commercial and packaging use.

FEATURES / BENEFITS

- Fast Dry Speed
- Designed for Blister/Bubble Pack Applications**
- Good Wetting Over Conventional Inks
- Gloss Finish
- Designed for Self Sealing Applications Under Specific Conditions**

APPLICATION

This coating is formulated to wet trap over wax free or similar qualified litho inks. The substrate should be qualified for these applications. This coating can be used in a dampener coater, a blanket coater, a chamber bladed coater, and/or a tower coater** on a sheet fed press. Do not contaminate with UV or other water based products. The use of the water lines / pumping system is highly recommended. Flush lines before and after use.

Do not let coating dry on the coater. Wash up and flush immediately after use.

Load temperatures need to be maintained slightly lower to prevent coating from activation during printing. Press trials are required prior to live production runs.

Compatible Synthetic Blister Films: PVC, (PETG - minimum seal width of 3/8" required) and RPET (each lot of RPET needs to be tested due to the variation of recycled materials).

Seal Temperature Ranges: 350-450°F depending on film weight** and paperboard grade.

*Results may vary depending on substrate, inks, and application method. All tests performed 24 hours after application.

**Minimum dry coating weight of 1.2 pounds per 3000 ft² is recommended.

*****This product has a 6 month shelf life*****

TYPICAL PROPERTIES (NOT A SPECIFICATION)

- Density - 8.7 ± 0.2 Lbs./gal.
- Viscosity - 20 ± 2 sec. @ 72°F using #3 Zahn Cup (Signature Series)
- Solids by weight - 40 ± 2%
- pH - 8.0 – 9.0 @ 72°F
- V.O.C. by weight - 13.3%

PERFORMANCE DATA (24 hours after application)

- Average Gloss (60 degree) - ≥55*
- Sutherland Rub Test - Minimal Scuffing*
50 Cycles (Coating to Coating)
with 4# counter weight
- Block Resistance - Pass
(Coating to Coating)
2 PSI / 16 HRS. @ 120°F
- Heat Seal Conditions - Fiber Tear (Pass)**
(Coating to Blister or Coating)
425F/60PSI/3.2Sec

*Results may vary depending on substrate, inks, and application method.

CLEANUP

- Water or a combination of soap and water. No UV or alcohol cleaner required.
- See SDS for additional information.
- Do not let coating dry on coater. Wash up and flush immediately after use.

STORAGE / HANDLING

- Store in a cool dry area.
- Mix Well Before Use.
- Reduce with water if needed
- Avoid contact with skin; See SDS for additional information.

TERMS AND CONDITIONS

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EFFECTIVE DATE

February 4, 2015

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