



Turbo-Seal® 20213

WATER-BASED ADHESIVE

KEY FEATURES

- Good adhesion to various substrates
- Low cling
- FDA approved

DESCRIPTION

Turbo-Seal® 20213 is a water-based cohesive coating for candy and snack food flexible packaging applications. Cohesive for pattern coated food packaging on various types of structures with good machining properties.

PACKAGING

For packaging options please call your Bostik sales or technical representative.

SHELF LIFE

When stored properly (see "Storage and Handling" section of this document), shelf life of 20213 is 4 months from the date of manufacture printed on the container.

STORAGE & HANDLING

Store at a temperature of 50-80°F (10-27°C). This product must be protected from freezing; product is not usable after freezing.

COUNTRY OF MANUFACTURE

United States

APPLICATION TECHNIQUES

Apply via gravure application at temperatures between 50-80°F (16-27°C). Not suitable for Flexographic application. Can be used for two-ply lamination and single layer surface printed packaging, depending upon the specific requirements of the application. Optimum performance is obtained with an application weight of 3.0-3.5 dry lbs/ream depending on the substrate and seal requirement.



FLEXIBLE PACKAGING

TYPICAL PHYSICAL PROPERTIES

| Description | Results |
|-------------|----------------|
| Viscosity | 83 cPs @ 77° F |
| pH | 10.2 |
| Solids (%) | 57.5% |
| Density | 8.10 LB/Gallon |
| Color | Milky-white |

Properly converted TURBO-SEALS® will have minimal blocking to suitable release films and lacquers; contact your Bostik technical representative to assist in selection of a suitable TURBO-SEAL® product and "release" system.

Please consult with Bostik's technical group for proper use recommendations.

FOOD LEGISLATION

Turbo-Seal® 20213 complies with the positive lists of many internationally accepted guidelines for the production of articles intended to come into direct and indirect contact with foodstuff. Please contact your Bostik technical representative with the specific application.

CAUTIONS

Do not use with brass, copper, or bronze equipment. Do not use with "natural" rubber equipment (rollers, hoses, etc.). Do not use high shear pumps. Use low speed, low shear pumps only. A peristaltic pump is recommended.

When combining Bostik, Inc. cohesive coatings with printing and laminating materials, converters should control the use of active and slow solvents (including, but not limited to, acetates, ketones, toluene, cellosolve, glycol ethers and isomers) to avoid contaminating the cohesive. Contamination will lead to adverse effects on cold seal functionality, such as excessive blocking, low seal strengths, odors and regulatory compliance issues.

Poor machining, adhesion and blocking of cohesive film will occur if TURBO-SEAL® is not thoroughly stirred before using.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

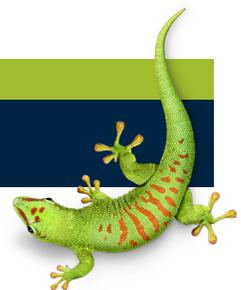
LIMITED WARRANTY

The Limited Warranty for this product can be found at www.bostik-us.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

Smart help
1-800-726-7845

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This document supersedes all previously published literature.
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