



Heavy-Duty Repulpable Double-Coated Tape

9022

Technical Data

October, 2006

Product Description 3M™ Heavy-Duty Repulpable Double-Coated Tape 9022 is a flatback paper coated on both sides with a colorless high-tack, repulpable adhesive. The tape is furnished on an easy-release paper liner.

Product Construction	Adhesive	Liner	Liner	Standard Roll Length
	High-tack, repulpable	30 lb./3000 ft. ² (48 g/m ²) flatback paper	Repulpable kraft paper with easy-release treatment	60 yds. (55 m)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Repulpability:	Tape – Completely* Liner – Completely*
Tape Thickness:	5.5 mils (0.14 mm) without liner
Instant Adhesion:	Excellent to many cores and papers
Bond Strength:	Delaminates most papers
Backing Strength:	Higher than many other typical double-coated repulpable tapes. This aids in dispensing and handling of long strips for core-starting application, splices, roll-closing, etc.

*Repulpability judged according to TAPPI UM-213, Procedure A. It is important to follow the weight and quantity measurements for the fiber, splicing tape and water. Non-representative results can occur if test guidelines are not followed.

Features

- All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.170 (Components of paper and paperboard in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).
- Offers optimum properties for many core-starting applications. Tensile strength facilitates dispensability and good handling properties, while the high initial adhesion provides quick, positive core starting.
- Performs well in a number of other applications in addition to many core starting applications.
- Packing in sealed plastic bags helps protect the moisture content of the tape.
- Water solubility and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material. (Poor quality paper and plugged Fourdrinier screens can often be caused by many typical non-repulpable, rubber-based tapes and adhesives.)

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Application Techniques For optimum results, firm, even rub down pressure must be applied to the taped area to create the best possible adhesion between the tape and paper surface. A plastic squeegee or similar tool can help achieve the proper uniform pressure.

Application Ideas

- Core starting.
- Roll closing (holding last lap).
- Flying pasters.
- Temporary splices in fine paper (coated and uncoated), newsprint, kraft, linerboard, fluffing pulp and non-wovens.
- Heavy, rough webs.
- Sheeteters, bagmakers, etc.

Storage Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

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