



Rippatape™

Advice for Users

Rippatape™ is a self-adhesive tear tape incorporating a pressure-sensitive adhesive, which remains tacky, at room temperature.

STORAGE - For optimum shelf life, **Rippatape™** pressure-sensitive products should be stored under the normal conditions of a temperate climate (22°C 50% RH). Extremes of temperature and humidity accelerate the deterioration of pressure-sensitive products. Do not store the product in hot areas i.e. near heaters or in direct sunlight.

Rippatape™ should be applied at temperatures above 0°C. Ideally at 22°C. After application, **Rippatape™** remains adhered at temperatures from -10°C to +70°C.

UNPACKING - **Rippatape™** reels are heavy, unpack with caution, once the cheese or bulk has been removed from its protective wrapping locate the leading end, which is identified by a start here label. Ensure the reel is fully secured on the dispensing system before continuing to thread up the application. A free end from a part dispensed reel can be found by applying light finger touch to the reel, do not under any circumstances use a blade or scissors.

ADVICE FOR FIRST TIME USERS

1. **Rippatape™** is a self-contained system, which does not require heat, solvent or wax to adhere. A variety of products are available within the range to provide optimum performance against corrugated board, fibreboard and paper substitutes.
2. **Rippatape™** can easily be applied to the board surface during the manufacturing process.
3. Optimum performance is achieved by ensuring that the adhesive side of the tape does not contact any of the guide rollers. This may require a twist between successive rollers; application is best achieved with a 50mm wide application roller that is maintaining a slight pressure to the board.
4. High machine acceleration / deceleration rates may be accommodated by adoption of a standard or bespoke applicator system supplied by Payne.

MOUNTING THE CHEESE OR BULK CORE - The cheese or bulk should slide easily onto the core holder and then should be locked into position. Do not force the reel onto the shaft by pressure on the edges of the product.

APPLICATION TENSION - **Rippatape™** reel stability is achieved by a controlled release feature of the tape. The tape is normally applied to the board substrate at a controlled tension. Optimum tension control can be achieved by the use of a variety of dispensers designed and supplied by Payne. Avoidance of tensioning is critical to avoid board curl and tape delamination.

POSSIBLE ADHESIVE / RELEASE SYSTEM DEPOSITS - The nature of the process for manufacturing **Rippatape™** causes a very small amount of adhesive to flow to the edge of each tape. After running for long periods a slight deposit of adhesive occurs on rollers in contact with the tape. The deposit can be easily cleaned off with a permitted solvent.

The frequency with which rollers must be cleaned varies according to running conditions including speed, tension and roller configurations therefore the rollers need to be clean and free from adhesive build up. The rate of the adhesive build-up accelerates with time and the amount of adhesive deposited. To minimise adhesive deposition ensure that:

1. The adhesive should not be in contact with the rollers or guides, if this can not be avoided, special coated rollers are available from Payne.
2. The rollers must be free running and well aligned.
3. Keep rollers free from dust and surface contamination.
4. The rollers are manufactured from Acetal C (Natural) conforming to CAS number 24969-25-3 or 25214-85-1.

IN CASES OF DIFFICULTY - Every care is taken to ensure that the material is satisfactory and gives trouble free running. If, for any reason, material has to be returned please contact your supplier first and ensure that any agreed returns are protected with a polythene bag and boxed for protection from dirt or damage.

For further information, please contact Payne +44 (0)115 975 9000