

## FEATURES



100%  
Biodegradable



Made from renewable  
resources



Sustainable and  
eco friendly



Excellent  
Durability



UV resistant

## Self Adhesive Cellulose Sustainable Biodegradable Carton Sealing & Stationery tapes

### PRODUCT DESCRIPTION

Cellophane is derived from renewable resources and is compostable according to EN 13432 and ASTM D6400. It is formulated to comply with EU legislations for most food contact applications.

### ENVIRONMENTAL DATA OF CELLULOSE FILM

| PARAMETERS               | UNIT | TEST METHOD   | SPECIFICATION |
|--------------------------|------|---|---------------|
| Biobased Carbon Contents | %    | ASTMD6866   | 90%           |
| Biomass Contents         | %    | Futamura Calculation  | 90%           |
| Carbon food print        | -    | Peer reviewed LCA 2019<br>GaBi software impact<br>2002+(Global Warming<br>500 Year- midpoint) | 2.8           |
| Industrial capability    | -    | EN13432, EN14995,<br>ASTM D6400 and ISO<br>17088  | Certified     |

Cellophane film is suitable for a range of Organic Recycling methods, as detailed above, and for incineration with energy recovery.

### SPECIFICATION OF TAPE

| PARAMETERS           | UNIT | TEST METHOD | SPECIFICATION    |
|----------------------|------|-------------|------------------|
| Tear Tape Width      | MM   | -           | 12mm - 96mm      |
| Slit Width Tolerance | MM   | -           | +/- 0.10         |
| Colour               | -    | -           | Clear/customised |
| Bobbin Core Diameter | MM   | -           | 76mm             |

### TAPE PROPERTIES

| PARAMETERS       | UNIT      | TEST METHOD | SPECIFICATION  |
|------------------|-----------|-------------|----------------|
| Substrate Type   | -         | -           | Cellulose Film |
| Total Grammage   | GSM       | By weight - | 50+/- 10%      |
| Film Thickness   | Micron    | ASTM D 3652 | 32+/- 10%      |
| Adhesive Weight  | GSM       | By weight   | 20+/- 2        |
| Tensile Strength | Kgs/ 25mm | ASTM D 3759 | 10 +/- 2       |
| Elongation       | %         | ASTM D 3759 | 22 +/- 5       |
| Peel Adhesion    | Gms/25mm  | ASTM D 330  | 800 +/- 100    |

Tape storage - To maintain the high quality of this product during storage it is recommended that the tapes should be stored in its original wrapping away from any source of local heating or direct sunlight. Recommended conditions of storage are: Temperature: 17-23°C, relative humidity: 35-55%, the tapes are suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

#### Disclaimer

Information on physical chemical characteristics is based on rigorous testing which we believe to be reliable. The values are intended as a source of information only, is given without guarantee, and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of any Product for a specific purpose. HAL declines any liability with respect to the use made by any third party of the above information. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.

**bagla**  
GROUP

