

Product Technical Sheet

Gummed Paper Tape for Cardboard Box Sealing



Kraft Gummed Reinforced Brown (129 GRS)

Gummed paper tape is a classic and effective sustainable solution for sealing cardboard boxes. Its color, texture, and sealing properties make it the ideal choice for packaging, ensuring a uniform and unalterable seal against temperature, light, and the passage of time.

APPLICATIONS

- **Packaging:** Ideal for sealing very heavy cardboard boxes, even on dirty or dusty surfaces.
- **Protection:** Reinforces heavy-duty packaging, ensuring the integrity of the contents.
- **Printing:** Brand image. Maintaining the readability of logos and barcodes.
- **Specialized Industries:** Suitable for the food and pharmaceutical industries due to its odorless and hygienic properties.
- **High-Value Product Protection:** Provides additional protection for valuable goods.

CHARACTERISTICS

- **Materials:** Made from long-fiber kraft paper, potato starch, and water-based inks.
- **Adhesion:** Perfect adhesion to any type of cardboard box made from virgin or recycled fiber, even in the presence of dust or dirt on the surface. It leaves clear evidence of tampering.
- Ideal for labeling trash bags / bin liners.
- **Sustainability:** All components are biodegradable and sourced from sustainable crops, facilitating recycling or disposal under natural environmental conditions.

ADVANTAGES:

- **Secure Sealing:** Ensures a strong and durable closure, ideal for e-commerce. Tamper evidence.
- **Eco-Friendly:** Completely biodegradable and easy to recycle.
- **Customization:** Available for customization to provide the best e-commerce sealing solution, through the printing of brand logos, barcodes, and other graphic elements.

TECHNICAL DATA SHEET / TECNICAL CARACTERISTICS

COMPOSITION

	UNIT	NOMINAL	RANGE	TEST METHOD
Total	gsm	129	± 6 gsm	ISO 536
Top sheet : MG Kraftpaper (unbleached) Smooth side	gsm	40	± 1.6gsm	ISO 536
Bottom sheet : MG Kraftpaper (unbleached) Smooth side	gsm	40	± 1.6gsm	ISO 536
PE Laminating	gsm	15	± 1.5gsm	-----
Fiberglass scrim 1.07x(0.4x2) yarns/cm – 340 / 340 dtex	gsm	7.2	± 0.1gsm	ISO 1889
Glue : Vegetable	gsm	26	± 2 gsm	NFT 76-500

Thickness (µm)	185 (+/-20)	ISO 534 / T 411
Tensile strength (daN/30mm)	- MD ≥32.0 - CD ≥ 17.0	ISO 1924-1 / ASTM D828 ISO 1924-1 / ASTM D828
Elongation (%)	- MD ≥3.5 - CD ≥ 8.0	ISO 1924-1 / ASTM D828 ISO 1924-1 / ASTM D828
Bursting strength (kPa)	≥ 550	ISO 2758 / ASTM D774
Tack time FIPAGO (sec.)	≤ 10	NFT 76-501

TARGET INDUSTRIES

Gummed paper tape is ideal for industries such as logistics, e-commerce, food, pharmaceuticals, construction, and crafts. Its use extends to sectors that require secure, hygienic, and sustainable packaging, including sealing packages, protecting sensitive products, and identifying construction materials. Additionally, it is perfect for companies committed to sustainability due to its biodegradable materials.

