

Technical Data Sheet : BOPP Packing Tape (KAT-S2122TB)

Product Description:

BOPP Tape is made up with Biaxially Oriented Polypropylene(BOPP) film coated with pressure sensitive water based acrylic adhesive. It has a good tensile strength & adhesive backing, which ensures very strong grip. It is a good choice for bundling, sealing, holding, strapping, packing and general applications. majorly used for corrugated box packing purposes in all the industries. It is available in brown or transparent color.

Features :

- Superb tack and adhesion to most of the surfaces.
- Strong grip due to excellent adhesive backing.
- Uniform coating process, durable & long shelf life.
- Assured and marked tape length.
- Peak performance even under extreme pressure and temperature conditions.
- High tensile strength in longitudinal and cross direction.
- Instantly sticks to corrugated carton.
- Aging resistance, non-yellowing & low odor.
- Unrolls clean with no splitting and tearing.
- Resistance to UV, water, oil, and solvents

Application:

- Used for sealing & heavy carton box packing.
- Used in all kinds of general applications for holding purpose.
- Good for bundling & strapping of light weight products.
- Ideal for splicing & end tabbing applications.
- Used for laminating & Re-inforcing.
- Ideal for light weight sealing jobs, including general purpose sealing, packaging, holding, repair jobs, box and gift wrapping etc.
- Used for packages exposed to challenging shipping hazards and stress.

Physical Properties & Specifications:

Properties	Metric
Backing	Biaxially Oriented Polypropylene(BOPP) Film
Adhesive	Water Base Acrylic Adhesive
Color	Clear & Brown
Total Thickness	0.040 mm \pm 5%
Peel Adhesion to Steel	550 grams / inch
Tensile Strength	\geq 8 kg / Inch
Rolling Ball Tack (Initial)	\leq 14 cm
Shear Strength (25mm x 25mm)	\leq 1 hour
Elongation at Break	\leq 100%
Operating Temperature	0° C to +60° C
Self Life	12 Months Before Application

Note : The above product recommendations are done in the best knowledge and experience we have at **Klebstoff**, however, we advice that the product has to be tested for a particular purpose and real time application by the customer before ordering. **Klebstoff**, holds the right to make any modifications/improvement in the product in the interest of better performance in the product.

Works:

GAT No. 1147, Lane. No. 2, Shivtej Park (Sai Park), Near Raison College, Wagholi, Pune – 412207. (MH).
Ph - +91 8050060618 / +91 9763558448. Email – info@klebstoff.co.in & klebstoff.info@gmail.com

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Standard Presentation:

Roll Width	- Starting from 12/18/24/36/48/60/72mm & In Multiples Up to 1315mm
Roll Length	- 40/45/50/55/60/65 Mtrs (Available in Customized lengths if good quantity)
Thickness	- 0.040 mm \pm 5%. (Available in Customized THICKNESSES if good quantity)
Core	- 3mm thick & 76mm Dia ("Klebstoff" Brand)
Packaging	- Shrunk with PVC Film and Packed In carton Boxes.
Color	- Clear & Brown.

Handling and Storage:

- Rolls should be stored flat on their cut edges in the original sealed .
- The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes.
- The storage temperature should be as per room temperature (or between +10° C to +25° C.)
- Relative Humidity 50 \pm 10% in Original Packed Cartons
- Use within 6 months from receipt of the material.

Knowledge for Tape Application and Use :

- The substrate surfaces should be clean, dry and free of dust, grease, oil or other contaminants before applying.
- The Coated adhesion depends on the contact area therefore when applying it requires proper pressure by roller or hand & time helps to develop better adhesive contact and improve the adhesion strength.
- Not doing so may affect the general properties and appearance.

NOTICE:

- Please try a sample and make sure the tape is suitable for the application before use it.
- Customers who buy Cut Rolls or the jumbo rolls should stop using or re-winding and slitting process once find that there has quality problem with the material. Contact us right away. If customers use the product or re-wind/cut the problematic jumbo into log/finished rolls, **Klebstoff Adhesive Tapes Pvt. Ltd.** will not response to make any indemnity.
- Ideal tape application temperature is 8° C to 40° C. It is not suggested to use the tape below 0° Celsius, because the adhesive will become too firm to adhere readily. However, once customers insist on using the tape under such a low temperature, please contact us, **Klebstoff** will adjust the adhesive, but **Klebstoff Adhesive Tapes Pvt. Ltd.** doesn't guarantee anything.
- **Expiry Date:** 12 months after production date. If followed above Handling & Storage Instructions.
- All **Klebstoff Adhesive Tapes Pvt. Ltd.** products are strict inspected before sent to customers, but the applications might be different between different customers, there may exist factors which are beyond **Klebstoff Adhesive Tapes Pvt. Ltd.** knowledge and control, so customers should check the quality of every order before use the tape. If customers use the product without inspection, they must be responsible for the potential quality problems and economic loss. If the product is proved to be defective, the exclusive remedy, at **Klebstoff Adhesive Tapes Pvt. Ltd.** option, shall be to refund the purchase price of or replace the problematic product.

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Material Safety Data Sheet

Product Identification : BOPP Packing Tape (KAT-S2122TB)

Hazard Identification :

- This material is not considered to be hazardous or safety risk.
- The product contains no eye or skin irritants and is not considered to be allergic.

Company Details : Klebstoff Adhesive Tapes Pvt. Ltd.

Address : GAT No. 1147, Lane No. 2, Shivtej Park, (SAI PARK), Near Raison College, Wagholi, Pune - 412207. Maharashtra. (INDIA). Ph - +91 8050060618/+91 9763558448. Email - klebstoffadhesivetapes@gmail.com

Composition and Ingredients:

Backing – Biaxially Oriented Polypropylene Film

Adhesive – Water Base Acrylic Adhesive

Liner – Not Applicable

First Aid Measures:

Skin / Eye Contact: clean the skin / Eye with lot of water and soap for 15 Minutes.

Oral: If a piece of tape is swallowed, rinse out mouth and drink large quantities of water. If necessary obtain medical attention.

Inhalation: Remove from exposure and obtain medical assistance in case of breathing difficulties.

Fire Extinguishers:

Flammable Limits: Not Flammable

Fire Extinguishers: Water, foam, co2, and Dry Chemicals.

Unusual fire hazards: Produces dense black smoke if burned.

Protection : Keep material in room temp and away from heat or fire.

Handling and Storage:

- **Work area:** remove the danger of trapping parts of the body or clothing & Maintain Well Ventilated Environment.
- Rolls should be stored flat on their cut edges in the original packaging.
- The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes.
- The storage temperature should be as per room temperature (or between +10°C to +25°C.)
- Relative Humidity 50 ± 10% in Original cartons.

Chemical & Physical Properties:

Physical State: Product is solid, supplied in rolls.

Odour : Slight Smell or Odorless.

Colour: Clear & Brown.

Solubility in water : Not Soluble in Water.

Auto Ignition Point: Above 200 Degree temp.

* Other Properties are Not Applicable.

Other Information:

❖ Accidental Release Measures:

The product is a solid and insoluble product. Therefore uncontrolled release (into air or water) is highly unlikely.

❖ **Exposure Controls:** Ensure sufficient ventilation.

▪ **Respiratory/Skin protection:** Not Necessary.

▪ **Eye protection:** Safety glasses Necessary.

▪ **Hand protection:** Gloves are Necessary.

❖ **Toxicological Information:**

Not Applicable/Determined.

❖ **Stability and Reactivity:**

▪ Stable under normal operating temperatures, no hazardous polymerization will occur.

▪ When heated above 310°C, gaseous decomposition products are released.

▪ Decomposition Products : Toxic fumes of carbon monoxide, carbon dioxide, acetaldehyde

❖ **Ecological Information:** Parts of the product will slowly degrade under exposure to UV-light.

❖ **Disposal Considerations:** Dispose product in accordance with regional and local regulations.

❖ **Transport Information:** Product is non-regulated; no special measures are required.

❖ **Regulatory Information:** Not available.

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