

Technical Data Sheet : Double Sided PVC Tape (KAT-D2493HL)

Product Description:

Double Sided PVC Tape made of white PVC film coated on both sides with a clear aggressive, modified acrylic adhesive and interleaved with a glassine yellow paper release liner. It has a very good resistance against UV radiation, extreme temperatures, chemicals, solvents and humidity. Its highly shear resistant adhesive has excellent durability when attached to metal, varnish and high energy surfaces.

Features :

- Excellent combination of high tack, holding power and immediate adhesion.
- High coating weight for good bonding performance on rough or dusty surfaces
- Adheres well to both high and low surface energy substrates.
- Excellent short term high temperature, abrasion, puncture & UV resistance
- Provides good surface for die-punching.
- Flexible, clean peel, easy tear & easy unwind.
- Full suitability for long term applications.
- It has resistance to peeling and cutting.

Application:

- Used for applications mounting of plastic, wooden trims, decorative POS materials, heavy decorative materials, displays, signs & decals.
- Used for the secure attachment of truck and car mirrors in plastic housings.
- Suitable for mounting of furniture trim, sealing profiles and cable ducts.
- Widely used as strong bonding material for digital products, film switch, electronic instrument nameplates.
- Used for the attachment of trims, bars and laminates to a variety of surfaces.

Physical Properties & Specifications:

Properties	Metric
Backing	PVC Film
Adhesive	Synthetic Rubber Resin
Color	White
Release Liner	Glassine Yellow Paper Release
Total Thickness	0.220 mm \pm 5%
Liner Thickness	80 gsm \pm 5%
Peel Adhesion (on SS Plate) – Open Side	1.68 kg / Inch
Peel Adhesion (on SS Plate) – Close Side	1.74 kg / Inch
Tensile Strength	\geq 10 kg / Inch
Rolling Ball Tack (Initial)	\leq 10 cm
Holding Power (Close/Open Side)	\geq 24 Hours
Elongation at Break	\leq 100 %
Operating Temperature	-5° C to +60° C (Short Term +90° C)

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 Rasoni College, Wagholi, Pune – 412207. (MH).
Ph - +91 8050060618 / +91 9763558448. Email – info@klebstoff.co.in & klebstoff.info@gmail.com



Technical Data Sheet : Double Sided Polyester Tape (KAT-D2493HL)

Standard Presentation:

- Roll Width** - Starting from 24/48/72/96mm up to 1000mm width (Available in Customized Widths)
- Roll Length** - 50 Meters up to 500 Meters (Available in Customized lengths if good quantity)
- Thickness** - 0.220 mm \pm 5%.
- Core** - 3mm thick & 76mm Inner Dia ("Klebstoff" Brand or Plain Core)
- Packaging** - Shrinked with PVC Film and Packed In Plain Carton Boxes.
- Color** - White (Glassine Yellow Paper Release Liner)

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 +10⁰ C to +25⁰ 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 : Double Sided Polyester Tape (KAT-D2493HL)

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 – PVC Film

Adhesive – Synthetic Rubber Resin.

Liner – Yellow Glassine Paper Release (Havana)

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 +10⁰ C to +25⁰ 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: White (Yellow Glassine Paper Release Liner).

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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