

Double-sided cushion foam for plate mounting

Reference: 01 9540L1X XX

Thickness: 0.55 mm



Product description

From OLINXO 5 product range, OLINXO 9540L1 is a double-sided adhesive tape with a thickness of 550 µm, especially designed for plate mounting on flexographic printing machines. It is composed of a hard foam and two acrylic adhesives especially developed for each side: cylinder side (open side adhesive) and plate side (closed side adhesive). OLINXO 9540L1 is reinforced by a polyester film and uses a transparent liner especially developed to avoid bubble formation.

Applications

- OLINXO 9540L1 is particularly suitable for mounting photopolymer plates onto medium to large diameter cylinders or sleeves
- OLINXO 9540L1 is ideal for printing on flexible packaging but also paper and cardboard packaging market
- OLINXO 9540L1 is suitable for text and dense block printing

Advantages

- OLINXO 9540L1 offers a differential adhesion: controlled initial tack and high final grip on the plate side / controlled adhesion on the cylinder side, for excellent prevention of plate lifting
- OLINXO 9540L1 ensures perfect stability during long print runs with easy mounting / dismounting of the plate, and residue free removal after use
- OLINXO 9540L1 ensures perfect adhesion of the adhesive tape on the sleeve or the cylinder during the plate removal (without bubble formation)
- The non-tear OLINXO 9540L1 transparent filmic liner, reduces the risk of air entrapment and allows for bubble-free mounting of the plate
- OLINXO 9540L1 has a high performance polyethylene foam in order to obtain optimal printing quality at elevated speed for the following tasks: text and dense block printing

Technical properties

	Unit	Nominal Value	Test Method
Total thickness	µm	550 ± 25	OLINXO
Temperature resistance	°C	Max. + 70	OLINXO

Colour: blue

Recommendations

Store in dry conditions between 10 °C and 35 °C in its original packaging. Use within 12 months after delivery. Cylinder / plate surfaces must be dry, free from dust, grease or other surface contaminants. A minimum of 18 °C temperature is recommended to optimize the mounting result.

NOTE: Heavy solvents (ethyl acetate, acetone,...) can strongly affect adhesive performance and can cause residue. Such products should be avoided especially for surface cleaning procedure prior mounting. Dry cleaning or usage of alcohol (isopropanol + water) are recommended. As all pressure sensitive adhesives, maximum adhesive performance is achieved by applying a consistent pressure during the mounting process. Using a rubber roller will help to ensure an optimum bonding especially to prevent plate lifting by applying a consistent pressure on the edges.

This document does not constitute a specification. The information provided in this document is given in good faith, according to the tests made in our laboratory. The values given are typical values and may vary according to application conditions. They are given for information only and do not constitute a warranty. It is the responsibility of the purchaser to determine prior to use the suitability of this material in its application. Revised: February 12th 2024