EXAFIT ® 43141HP

Double Sided Hard Foam Plate Mounting Tape - 430 µm (15thou) Series - High Adhesion

DESCRIPTION

Exafit® 43141HP is a double-sided foam tape especially designed for flexographic plate mounting. It is based on a specialty acrylic adhesive on its open side (cylinder side), and a graphic grade acrylic adhesive on its closed side (clichés side). Exafit® 43141HP is reinforced with a polyester film and uses a transparent smooth siliconised embossed PP release liner.

APPLICATIONS

- Mounting of flexographic photopolymer and rubber clichés on to cylinders or sleeves.
- Exafit® 43141HP is primarily designed for pure block printing, or a combination of both half-tone and block printing when used on the same plate.
- Exafit® 43141HP is particularly suitable for mounting soft to medium-hard photopolymer clichés on to small to medium size diameter cylinders.

PRODUCT BENEFITS

- Special high performance PE foam allows even longer, faster print runs with consistently high print definition and reduced dot gain at elevated machine speeds.
- The compressible structure enhances print quality by absorbing any tolerances caused by the irregularities between the impression cylinder, the printing plates and the print cylinder or sleeve. It reduces machine vibration.
- The specific embossed plastic liner used on Exafit® 43141HP reduces the risk of air entrapment, and allows bubble – free mounting of the clichés, especially when this operation is done manually.
- Differential adhesion, with high adhesion and tack on the plate side and a controlled adhesion on the cylinder side, makes Exafit® 43141HP versatile enough to be used for mounting a variety of clichés on to steel cylinders or sleeves.
- The blue colour of the foam helps in a quick identification of the foam hardness.

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Total Thickness	430	µm	AFERA 5006
Peel Adhesion on Steel (90° angle)	Cylinder side 4,5	N/25mm	Scapa
Peel Adhesion on Pet (90° angle) Plate side	10,5	N/25mm	Scapa
Temperature Resistance - Max	+70	°C	Scapa

STANDARD PRESENTATIONS

- Dimension : 455 mm x 25 m
- Dimension : 1380 mm x 25 m
- Branding: Scapa
- Roll/ Box : 1

RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging in a dry and clean area until required for use. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Life expectancy can vary with temperature and humidity: a maximum of 24 months is recommended from the date of manufacturing when product is stored at 22°C +/- 2°C and RH at 50% +/- 5%.

Applying surfaces must be dry, free from dust, grease or other surfaces contaminants.

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