



Technical DATA

EXAFIT® 43100HP

Double Sided Soft Foam Plate Mounting Tape - 430 µm (15thou) Series - Standard Adhesion

DESCRIPTION

Exafit® 43100HP 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® 43100HP 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® 43100HP is primarily designed for pure half-tone printing, or a combination of both half-tone and block printing when used on the same plate.
- Exafit® 43100HP is particularly suitable for mounting soft to medium-hard photopolymer clichés on to medium to large size diameter cylinders.

PRODUCT BENEFITS

- Special Soft 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, and reduces machine vibration.
- Differential adhesion, with standard adhesion and tack on the plate side and a controlled adhesion on the cylinder side, makes Exafit® 43100HP versatile enough to be used for mounting a variety of clichés on to steel cylinders or sleeves.
- The specific embossed plastic liner used on Exafit® 43100HP reduces the risk of air entrapment, and allows bubble – free mounting of the clichés, especially when this operation is done manually.
- The pink colour of the foam aids the quick identification of foam hardness.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Peel Adhesion on Pet (90° angle) Plate side	7,5	N/(25mm)	Scapa
Peel Adhesion on Steel (90° angle)	Cylinder side 4,5	N/25mm	Scapa
Temperature Resistance	max. +70	°C	Scapa
Total Thickness	430	µm	AFERA 5006

STANDARD PRESENTATIONS

- Branding: Scapa
- Core: 76mm (3")
- Dimension : 455 mm x 25 m
- Dimension : 1380 mm x 25 m
- 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.