



# **EXAFIT ® 43120HP**

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

### **DESCRIPTION**

Exafit® 43120HP 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® 43120HP 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® 43120HP is designed for both half-tone and block printing, or a combination of both when used on the same plate.
- Exafit® 43120HP is particularly suitable for mounting soft to medium-hard photopolymer clichés on to medium to large 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® 43120HP reduces the risk of air entrapment, and allows bubble free mounting of the clichés, especially when this operation is done manually.
- Differential adhesion, with standard adhesion and tack on the plate side and a controlled adhesion on the cylinder side, makes Exafit® 43120HP versatile enough to be used for mounting a variety of clichés on to steel cylinders or sleeves.
- The white colour of the foam helps in a quick identification of the foam hardness.

 Version: 18
 Generated Date: 05 April 2022
 Page: 1 of 2

www.scapaindustrial.com Product Code: 43120HP

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.

## **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	7,5	N/25mm	Scapa
Temperature Resistance - Max	+70	°C	Scapa

## STANDARD PRESENTATIONS

Dimension: 455 mm x 25 mDimension: 1380 mm x 25 m

Core: 76mm (3")Branding: ScapaRoll/ 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.

 Version: 18
 Generated Date: 05 April 2022
 Page: 2 of 2

www.scapaindustrial.com Product Code: 43120HP