

LYNALI-FT30

ALUMINIUM FOIL TAPE - 30



GENERAL DESCRIPTION

A 30µ conformable aluminium foil tape, produced from a 99% aluminium alloy. It offers excellent resistance to moisture vapour transmission, is very durable, and is excellent for embossing. The naturally decorative surface can be enhanced through the use of colours and tones.

CONSTRUCTION

Layer	Material
Face	30µ Aluminium Foil
Adhesive	Hi-Tack Permanent Acrylic Adhesive
Liner	60gsm White Glassine Liner

FEATURES & APPLICATIONS

FEATURES

- Conformable
- Resistant to moisture vapour transmission
- Extremely durable
- Naturally decorative surface
- Excellent for embossing

APPLICATIONS

- Sealing
- Bonding
- Fixing
- Heating, ventilation and air conditioning (HVAC)

TECHNICAL INFORMATION

Aluminium Foil (30µ)

30µ conformable aluminium foil, produced from a 99% aluminium alloy.

Excellent properties and resistant to moisture vapour transmission. Very durable and excellent for embossing.

The naturally decorative surface can be enhanced through the use of colours and tones.

Typical Properties*

Thickness	30µ
Tensile strength (range)*	55 – 550 MPa

Hi-Tack Permanent Acrylic Adhesive

A permanent acrylic pressure sensitive adhesive. High peel, low shear formulation suitable for adhesion to difficult surfaces, with very good humidity and water resistance to BS5609.

Suitable for indirect contact with foodstuffs in accordance with the USA Code of Federal Regulations, 21 CFR, Chp.1, Part 175, Subparts A + B, Section 175–105 “Adhesives”, 21 CFR 176–170.

Normal upper service temperature is 150°C. Lower application temperature is -5°C, with adhesion maintained down to -40°C. Application area must be dry and clean.

Typical Properties*

Coat Wt. / Thickness	20gsm/m ² ± 2gsm
Adhesion (FTM 1)	22 N/25mm
Tack (FTM 9)	14 N/25mm
Shear Strength (FTM 8)	> 2 hrs

60gsm White Glassine Liner

One side silicone-coated white glassine release paper, extremely tough and compact.

Excellent resilience during die cutting, with reliable waste removal properties.

Typical Properties*

Weight	60gsm $\pm$ 4gsm
Thickness	53μ $\pm$ 4μ
Tensile Strength (kNm) MD/CD	6.8 / 2.4
Tear Strength (mN) MD/CD	270 / 330
Release Values	20 $\pm$ 8 (Low speed, g/25mm)

Keep all rolls in their wrapping until required for processing. Avoid wide variations in temperature and humidity in storage — temperatures between 18–23°C (64–73°F) and a relative humidity of 50–65% are the best conditions. Providing correct packaging and storage, rolls are guaranteed for 6 months after passage of risk.

The above data represents typical averages. Specification for use and final results correspond to Affixit's best technical experience but cannot be intended as a commitment of liability. The user will determine the suitability of the product and method of application for each specific use.



AFFIXIT

Unit 6 Lime Grove Estate
Haverhill, Suffolk
CB9 7XU
Tel: 01440 766 975
Sales@affixit.co.uk
www.affixit.co.uk

All statements and information listed above regarding this product are typical values for general guidance; these data are not to be intended as a conformity specification. These suggestions are based on tests believed to be reliable, but accuracy and completeness are not guaranteed. The user must test, evaluate and validate this product before use, assuming all risks and liability of such use. This document may be revised without prior notice.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Lynvale Ltd products for all intended uses, and that the materials to be used comply with all applicable regulatory requirements. Lynvale Ltd (trading as Affixit) assumes no responsibility for product failures arising from misuse of the materials it supplies, or from the design, fabrication or application of products into which the materials are incorporated.

WARRANTY: For a period of 12 months, Lynvale Ltd warrants this product to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or, at Lynvale Ltd's option, to refund the purchase price thereof. LYNVALE LTD DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.