



Protape Alu Black

Technical data sheet

Description:

Protape Alu Black aluminum tape is designed for use in thermotechnology, HVAC systems, and construction, especially in applications that require increased durability and long-term performance. With its black protective coating, the tape effectively absorbs light and sound, contributing to the reduction of noise and light reflection in the environment.

Use:

The area must be clean and dry. On the pipes you must roll up the tape overcoming itself from 20% to 50%.

Please remove the release liner inch by inch.

TECHNICAL SPECIFICATIONS

Thickness: 30 μm^*

Width: 50 mm, 75 mm or 100 mm*

Length: 50 m*

*Other dimensions on demand

Aluminium foil: alloy 1200, temper 0

Colour: black (vinyl paint)

Adhesive: synthetic rubber

Liner: silicone coated paper

Thickness: 30 μ (EN 546/3)

Thickness tolerances (30 μm)

Minimum: 28.8 μm

Maximum: 31.2 μm

PERFORMANCE AND TESTING

Application temperature: from +10°C to +35°C

Service temperature (adhesion): from -20°C to +75°C

Fire resistance: Class 1 (BS 476, Part 7)

Elongation: 3-5% (ASTM E 345)

Tensile strength: ≥ 1.2 N/cm (ASTM E 345)

Adhesion - Peel: 32 N/25 mm (FINAT FTM 1)

Adhesion - Shear: 36 N/25 mm (FINAT FTM 8)

PACKAGING AND STORAGE

Box dimensions: 260 x 260 x 300 mm

Number of boxes per pallet: 60

In original boxes at 18°C temperature and at 50% of relative humidity, the product has 12 months life.

Before application, please clean substrates from every index of dust, oil or grease. The datas describe medium values made from tests on production samples. These datas could have modifications without warning (demand new datasheets to have last update). By reason of numberless use application uses, we advise the users to verify the suitability of product for every application. Our technicians are available for possible clarifications.

AVAILABLE VARIANTS

Product Code	Thickness	Width	Length	N. Tapes For Box
N-H50L30-50	30 μm	50 mm	50 m	24
N-H75L30-50	30 μm	75 mm	50 m	16
N-H100L30-50	30 μm	100 mm	50 m	12

