

# ADHESIVE ALUMINUM TAPE



## DESCRIPTION:

Adhesive aluminum tape is manufactured using a special aluminum alloy that provides remarkable malleability combined with high mechanical strength. The adhesive used provides excellent "tack" and a strong cohesion, bonding characteristics necessary to obtain a strong and long lasting.

## APPLICATIONS:

- Suitable in heating and conditioning systems, whenever the coupling and sealing of pipe insulators, felts and insulating material panels are needed.
- It is used in the refrigeration industry to seal and impermeabilize the protective sheet coating.
- In the light prefabrication sector it is used to seal the cellular polycarbonate sheets.

## INSTRUCTION FOR USE:

Remove the backing paper and adhere well to the surface without pulling the tape. The optimal adhesion is obtained 24 hours after application, but after two hours the adhesion reaches about 90 %.

## CHARACTERISTICS:

Aluminium	standard purity, extremely malleable
Thickness (PSTC-133 / ASTM D 3652)	30 µm
Total thickness (PSTC-133 / ASTM D 3652)	63 µm
Adhesive	self adhesive pressure based acrylic resins
Release paper	siliconed paper
Application temperature	-20 °C to +40 °C
Service temperature	-35 °C to +120 °C
Adhesion to steel (PSTC-101 / ASTM D 3330)	43.2 Oz./In.
Rolling ball test (PSTC-6 / ASTM D 3121)	5.0 cm
Tensile strength (PSTC-131 / ASTM D 3759)	10.2 Lb/In
Elongation % (PSTC-131 / ASTM D 3759)	3 %
Roll length	50 m
Roll width	50 ÷ 75 mm
Tape colors	Natural

Article	Code	Package	Pieces
Adhesive aluminum tape	NALU0050	H 50 mm x 50 m	24
Adhesive aluminum tape	NALU0075	H 75 mm x 50 m	16

