



## MULTIFOIL 12/25/12 Laminate foil Self Adhesive Tape

### Description

MULTIFOIL foil vapour barrier is a three layer lamination of Polyester Film / Aluminium foil / Polyester film in very thin gauges, specially designed as vapour barrier in thermal insulation systems.

MULTIFOIL combines the excellent vapour barrier properties of aluminium foil to the outstanding mechanical, chemical and thermal characteristics of polyester film, thus giving an ideal, flexible and efficient barrier material suitable for outdoor use.

MULTIFOIL Laminate foil tape has a solvent based acrylic adhesive and is formulated to adhere adequately to surfaces such as aluminium, polyester. The adhesive side is protected by a easily removable silicone paper.

### Construction

1 layer of Aluminium 25 microns thick laminated in between 2 layers of Polyester film each 12 microns thick. Solvent based acrylic adhesive and removable silicone paper.

### Availability

In rolls 12, 25, 50, 75 or 100 mm wide x 50 lin.mtr.

### Packing

50 mm(w) x 50 mtr	54 rolls per carton
75 mm(w) x 50 mtr	36 rolls per carton
100 mm(w) x 50 mtr	27 rolls per carton

### Physical properties

Specific gravity	2,2	kg/dm <sup>3</sup>
Weight	150	gr/m <sup>2</sup>
Tensile strength TD (ASTM D882-91T)	10	kg/15x100m
Elongation MD (ASTM D882-91T)	54	%
Elmendorf MD (ASTM D1876-93)	400	gr/mm
Friction film/film	0,45	Kinetic
Bonding strength (ASTM D3330) adhesive	19	N (@ 25 mm wide)
Tensile strength (ASTM D3759) adhesive	81	N (@ 25 mm wide)

### Chemical properties

Humidity absorption	< 0,3	%
Steam permeability	0,000001	gr/m <sup>2</sup> /hrs mmHg
Fungus resistance	no attack	

## Thermal properties

Melting point (foil)	250 / 265	°C
Temperature resistance	-60 / +150	°C

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