TECHNICAL DATA SHEET

Aluminium foil tape

Product Description:

Self-adhesive 30-micron aluminium foil tape with water based acrylic adhesive and white paper release liner

Applications:

Widely used in a variety of applications in many sectors including construction, aerospace, automotive, asbestos removal, HVAC, ducting and ventilation.

Helps to provide a vapour barrier, assists fire prevention, anti-corrosion and thermal insulation.

Temperature resistance:

Good temperature resistance of 0-80 degrees C (in application temperatures of 0-40 degrees C)

Product technical data:

Item	Unit	Specification
Aluminum foil thickness	mm	0.030±0.02
Glue thickness	mm	0.037±0.03
Total thickness	mm	0.067±0.03

Peel strength:

Conditions	Result	Inspection standard
23℃ x 55%RH	≥12N	GB/T 2792

Product accreditation:

EN13501-1 B s1 d0

IV. Classification and field of application

a) Reference of classification

This classification has been carried out in accordance with **EN 13501-1:2018.**

b) Classification

The product, ALUMINUM FOIL WITH SELF ADHESIVE AND RELEASING PAPER (as described by the sponsor), in relation to its reaction to fire behaviour is classified:

Fire behaviour		Smoke production			Flaming droplets	
B	—	s	1	,	d	0

Reaction to fire classification: B—s1, d0

Explanation of the rating

B rating – indicates very limited contribution to fire (ratings are A1, A2, B, C, D, E, F)

s1 – smoke generation, emissions absent or very little (ratings are s1, s2 or s3)

d0 – fire generation burning droplets, NO burning droplets (ratings are d0, d1 or d2)

Shelf Life: If stored in correct conditions 12 months from receipt of goods.

Information regarding the product range offered is based upon reports and information which we believe to be reliable although such information does not constitute a warranty or guarantee

Because of the diversity of all the product applications the buyer should carefully consider the suitability and performance of the product for each intended use, and the buyer shall be responsible for all associated risks.

The seller is not liable for damages either incidental or consequential.

All specifications are subject to change without prior notice.

1. Appropriate pressure helps develop better adhesive contact and improves bond strength.

2. To obtain optimum adhesion, the bonding surface must be clean, dry and well unified. Some typical cleaning solvents are isopropyl alcohol or heptane.

3. Ideal tape application temperature is 21°C - 38°C (70°F - 100°F). It is not suggested to apply the tape at temperatures below 10°C (50°F). However, once properly applied, low temperature holding is generally satisfactory.