

DIRECTA

ESSENTIALS FOR INDUSTRY

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DIRECTA (UK) LTD

TECHNICAL DATA SHEET:

PRODUCT: Our Reference No. 250

DESCRIPTION: Aluminium tape

TECHNICAL DETAILS: 250 consists of 40 MC Aluminium Foil, coated one side with a rubber resin based pressure sensitive adhesive, backed with a silicone treated release paper.

Thickness adhesive + carrier:	0.080mm (excluding release liner)
Foil:	0.040mm
Peel adhesion:	1000 N/m
Tensile Strength:	2000 N/m
Elongation:	5%
Standard Roll Length:	50 Metres
Standard Widths - mm:	12, 15, 19, 25, 38, 50, 75
Service temperature:	-10 deg. C to 60 deg. C continuous Up to 90 deg. C for short periods
Shear adhesion 1Kg @23°C:	15 hrs
Recommend Storage Temp:	10 deg. C to 25 deg. C
Shelf Life:	12 months
Adhesive colour:	Clear
Adhesive type:	Rubber resin (not UV resistant)
Foil thickness:	0.04mm (40 microns)
Loop tack:	900 N/m
Release value from liner:	10 N/m
Recommended Application temperature range:	5 deg. C to 25 deg. C Moisture vapour
permeability:	Less than 1 gm ² 24Hrs at 40°C 90% R.H
Flame retardancy:	Class 'O' rated when tested to BS476 on foil faced insulation panels.
Test Method:	BS3924:1978

TECHNICAL DETAILS:

Flame retardancy: When tested in combination with white class 'O' lacquered foil-faced insulation panels according to BS 476 pts. 6 & 7, the product was rated as Class 'O'. (Para. A8(b) of Approved Doc. B 'Fire', bldg. reg. 1985.

Except where indicated otherwise, the above figures are average values and should not be regarded as maximum or minimum values for specification purposes the company reserve the right to improve products and change specifications which may alter performance. We advise the customer to test the material required to ensure the suitability of intended application.

HEALTH AND SAFETY

General:

Tapes produced by Directa (UK) Ltd. are considered safe and inert. No hazards are anticipated provided good standards of industrial hygiene and housekeeping are observed.

Composition:

Primary raw materials used in the construction of Directa tapes are Paper; Films such as Polyethylene, Polypropylene and Polyester; Glassfibre, synthetic and natural Cloths and Scrims and Aluminium Foil.

Adhesives are formulated from thermoplastic rubbers and tackifying resins, acrylates and fillers while other components in smaller quantities include Silicones, process oils and plasticisers.

Storage and Handling/Safety Precautions:

Safe methods of storage and handling should be applied along with good standards of housekeeping as discarded release paper can be a slip hazard on any floor space. Allergic reactions by skin contact are unlikely, but should they occur that individual should be removed from further contact.

Advice should be sought from Directa (UK) Limited for special applications such as toys, contact with food and surgical use.

Fire Risk:

Adhesive tapes are combustible in nature in the event of contact with fire. It is important to ensure the absence of sources of ignition during transportation, handling and in storage areas. If the tapes burn, irritating and harmful fumes and smoke will be evolved. Breathing apparatus should be used during fire fighting and rescue work.

Disposal:

Products can be disposed of on a legal tip in compliance with Local and National regulations, or incinerated in regulated furnace equipment.

This information is based on current knowledge and experience. Its purpose is to describe our tapes in terms of Health and Safety requirements and should not be treated as a specification.