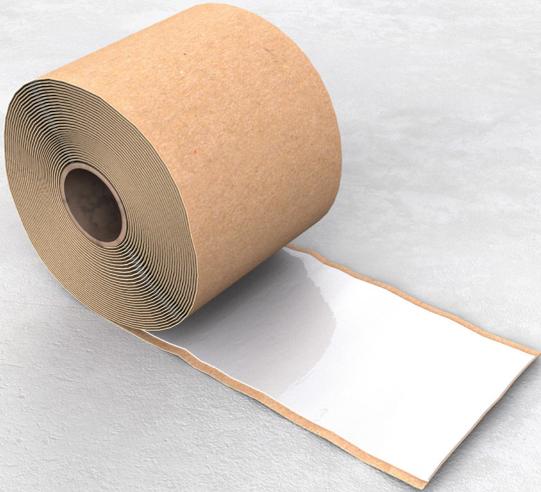


Gas Membrane Lap Tape Data Sheet



The Cordek Gas Membrane Lap Tape is typically used for the jointing of construction membranes including damp proof, radon and gas resistant sheet membranes for combined ground gas and damp proofing applications. It is manufactured using an aluminium/polythene laminate coated on one surface with an additional layer of self-adhesive polymer modified bitumen.

Key Features

- Incorporates an aluminium foil core to provide resistance to the passage of methane, carbon dioxide and radon gases
- Excellent adhesion properties to most membrane types and building materials
- Easy to install, providing a robust and economical method of membrane jointing.

Installation

In order to provide a robust installation all surfaces should be free from dust, debris, frost or condensation.

The Cordek Gas Membrane Lap Tape should be applied to surfaces at a temperature range of between +5 and +40°C. For best performance the surfaces should be clean, dry, and grease free. The product should be positioned equidistantly over the joint and lightly pressed into position whilst removing the release paper. Pressure should be applied along the length of the joint to ensure an effective seal is achieved.

Storage & Handling

Store in a dry, well ventilated location, out of direct sunlight; temperatures should ideally be between +5 and +40°C.

For further information on the full range of VOC & Ground Gas Protection, please contact the Cordek technical team on 01403 799600, techsupport@cordek.com or consult our website at www.cordek.com.



Product Data

Typical Properties:

Property	Test Method	Units	Data
Dimensions			
Backing Thickness	-	mm	0.125
Backing Type	-	-	Aluminium Polythene Laminate
Adhesive Thickness	-	mm	0.98
Total Thickness	-	mm	1.15
Width	-	mm	150.30
Length	-	m	10
Weight, approx.	-	kg/m ²	1.2
Mechanical Properties			
Tape Strength	ASTM D1000	N/mm	3.0
Elongation	ASTM D1000	%	40
Puncture Resistance	ASTM E154	N	250
Adhesion (180° Peel)	ASTM D1000	N/mm	2.0
Functional Data			
Water Vapour Transmission	ASTM E96	g/m ² /24h	<0.1
Methane Gas Permeability	-	ml/m ² /24 hrs	<0.03
Radon Diffusion	-	m ² /s	5.0 X 10 ⁻¹⁴
Dimensional Stability	MOAT 27 5.1.6 (80°C)	%	
Longitudinal			0.0
Lateral			0.0

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DISCLAIMER: Information contained within this 'Technical Data Sheet' is for guidance only, and it is intended for experienced construction industry workers. It contains summaries of aspects of the subject matter and does not provide comprehensive statements of construction industry practice. As conditions of usage and installation are beyond our control we do not warrant performance obtained. Please contact us if you have any doubt as to the suitability of application. The information provided within this document is based on data and knowledge correct at the time of printing.

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