KEMBLA

PipeLag™

Green Polyethylene Lagging for Drainage Pipe and Fittings

MM Kembla PipeLag is a Cross Linked Closed Cell Polyethylene lagging (XLPE) made by renowned global insulation manufacturer L'isolante K-Flex. The closed cell, tough, nonabsorbent lagging is perfect for use on drainage pipes that penetrate concrete slabs and footings.

Compliant with the requirements of Clause 5.6.4(a) of *AS2870-2011: Residental Slab & Footings* standard which requires the use of closed-cell polyethylene lagging around all stormwater and sanitary plumbing drain pipe penetration through footings. For Class H1/H1-D sites the minimum lagging applied shall be 20mm thick and for Class H2/H2-D and E/E-D sites a minimum thickness of 40mm shall be applied.

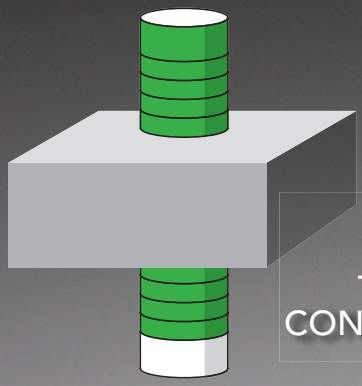
The use of PipeLag XLPE lagging also allows pipe movement through concrete as specified in *AS/NZS 3500.2 Sanitary plumbing and drainage* clause 3.8.2b.

Product Details

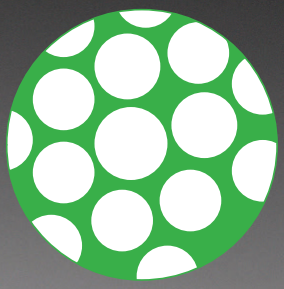
Item Code	Length (m)	Width (mm)	Thickness (mm)	Carton Qty	Carton Dimensions (cm)
K45984	10	100	5	12	65.8 x 65.8 x 31.5

Technical Data & Properties

Material	Closed Cell Polyethylene	
Density	AS1530.3	25-33 kg/m^3
Tensile Strength	ASTM D412-15a	303 kPa
Tear Strength	ASTM D624	2.803 n/m
Elongation @ Break	ASTM D412-15a	83%
Compression Deflection 10%	ASTM 1621-10	6.8 psi
Compression Deflection 25%	ASTM 1621-10	12.1 psi
Compression Deflection 50%	ASTM 1621-10	91.7 psi
Water Vapour Resistance (mu-factor)	BS EN 12-86:2013	>20,000
Thermal Conductivity	ASTM C518	0.032 W/m. C
Service Temperature		- 40 to 115 °C
Microbial Resistance	ASTM G21	Zero growth
Fire Resistance of Building Material	BS476	Class 0
	AS1530.3	0/0/0/2
	FM	Approved
	UL94	HF-1
	ASTM E84	25/40
Environment (Low VOC)	ISO16000 / ASTM D5116	Passed
Noise Reduction Coefficient	ASTM C423	0.3



FOR USE ON
DRAINAGE PIPES
THAT PENETRATE
CONCRETE OR FOOTINGS



CLOSED CELL, TOUGH,
NON-ABSORBENT
MATERIAL

LAGGING COMPLIES
WITH SLAB & FOOTINGS
AUSTRALIAN STANDARD 2870

PLUMBER'S APPROVED LAGGING

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