



Australasian Industrial Wrappings & Coatings Pty Ltd

TECHNICAL DATA SHEET

Flexi Seal 1000

DESCRIPTION

Flexi Seal 1000 is ideal for corrosion prevention and dielectric protection and is typically used for underground pipe work and metal structures, particularly for the coating of welded joints of pipelines for gas, liquid and water transport.

Flexi Seal 1000 is consists of a self adhesive bituminous rubber compound protected by a medium thickness PE film. The tape has an integral hi-tensile, flexible PE backing which provides high mechanical strength, impact resistance and controlled elasticity/ hoop tension.

USES

Flexi Seal 1000 is a successfully proven tape that is the best solution for the coating of pipeline welded joints and / or repair due to its tenacious adhesion, mechanical characteristics, ease of use, good elongation and flexibility.

CHARACTERISTIC

Flexi Seal 1000 is engineered for toughness, conformability and controlled elasticity; the tape exhibits flexibility during application, permitting the installer to achieve a tight fitting, self sealing sheath over the pipe substrate.

APPLICATION

Flexi Seal 1000 can be applied by machine or by hand, minimal tension is required to achieve intimate contact between pipe and coating.

PRODUCTION

Flexi Seal 1000 is produced in one of the newest and most modern plants in the world. The quality control department constantly and continuously monitors the raw materials, the production and packaging in order to ensure a high quality product.

Sizes, article and batch numbers are indicated on each roll.



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PRODUCT PROPERTIES

Property	Value	Test Method
Thickness	1.63mm AVG	ASTM D1000
Adhesion To Steel	72N/25mm	ASTM D1000 – 10
Weight	1.93kg/sqm	ASTM D751
Dielectric Strength	>42kV	ASTM D149
Impact Resistance	6.5 joules	ASTM G14 Round Cup
Cathodic Disbondment Resistance	<10mmRadius	ASTM G8
Insulation Resistance	>10 ¹² Ohm	ASTM D638
Elongation at Break	>300%	ASTM D1000
Breaking Strength	>9.0N/mm	ASTM D1000
Application Temperature	0 to 50	Deg C
Service Temperature	0 to 70	Deg C
Excursion Peak Temperature	80	Deg C

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