



TECHNICAL DATA SHEET

FLEXICLAD 40

DESCRIPTION

FlexiClad 40 is designed for protection of pipes, welded joints, bends and fittings. The combination of polymer bitumen adhesive and PVC backing ensures vigorous contact with the metal substrate and excellent adhesion. Suitable for machine or hand application.

The tape has an integral hi-tensile, cross laminated PVC backing which imparts high mechanical strength, impact resistance and controlled elasticity/ hoop tension.

USES

This successfully proven tape is the best solution for coating of small and medium diameter pipes and/ or repair, due to its tenacious adhesion, mechanical characteristics, ease of use, good elongation and flexibility.

CHARACTERISTICS

FlexiClad 40 is a medium thickness polymer bitumen adhesive laminated to a tough plasticised PVC backing. The adhesive layer is protected by an interleaving which is removed during application.

APPLICATION

FlexiClad 40 can be applied by machine or by hand, minimal tension is required to achieve intimate contact between pipe and coating.

PRODUCTION

FlexiClad 40 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 carton.

AUSTRALASIAN INDUSTRIAL WRAPPINGS & COATINGS PTY LTD

ADDRESS: 49 Jemma Road, Prestons 2170 NSW Australia

TELEPHONE: 02 9608 8111

FAX: 02 8783 7055

EMAIL: enquiries@aiwc.com.au

WEB: www.aiwc.com.au





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PRODUCT PROPERTIES

Physical Properties	Test Method	Typical Value
Total thickness	ASTM D 1000	1.05 mm
Bitumen Adhesive Thickness	ASTM D 1000	0.75mm
Backing Thickness	ASTM D 1000	0.30mm
Width	-	50 -900 mm
Length	-	15 m
Backing colour	-	Black
Breaking strength	ASTM D 1000-10	5/N/mm
Adhesion to primed steel	ASTM D 1000-10	75N/25mm
Elongation	ASTM D 1000-10	>300%
Tensile strength	ASTM D 1000	50N/cm
Cathodic Disbondment	ASTM G8	12mm radius
Impact resistance	ASTM D G14	4.5 Nm
Dielectric Strength	ASTM D 1000	32 kV
Application Temperature		+5 °C to + 80 °C
Service Temperature		-20 °C to + 80 °C
Water Vapour Transmission	ASTM E96	0.08g / m ² /24h
Water Absorption	ASTM D 570	0.1%
Volume Resistance	ASTM D 257	10 ¹⁵

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