



## TECHNICAL DATA SHEET

### FLEXICLAD 70

#### DESCRIPTION

**FlexiClad 70** is designed for protection pipes, welded joints, bends and fittings. The combination of PVC backing and polymer bitumen adhesive 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 medium and large diameter pipes and/ or repair, due to its tenacious adhesion, mechanical characteristics, ease of use, good elongation and flexibility.

#### CHARACTERISTICS

**FlexiClad 70** is engineered for toughness; Laminated to a tough thick plasticised PVC backing. The adhesive layer is protected by an interleaving which is removed during the application.

#### APPLICATION

**FlexiClad 70** can be applied by machine or by hand, minimal tension is required to achieve intimate contact between pipe and coating.

#### PRODUCTION

**FlexiClad 70** 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

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#### PRODUCT PROPERTIES

Physical Properties	Test Method	Typical Value
Total thickness	ASTM D 1000	1.65 mm
Adhesive Thickness	ASTM D 1000	0.90mm
PVC Backing Thickness	ASTM D 1000	0.75mm
Width	-	50 -900 mm
Length	-	10 m
Backing colour	-	Black
Breaking strength	ASTM D 1000-10	16/N/mm
Adhesion to primed steel	ASTM D 1000-10	3.6N/mm
Elongation	ASTM D 1000-10	>300%
Tensile strength	ASTM D 1000	10N/cm
Cathodic Disbondment	ASTM G8	12mm radius
Impact resistance	ASTM D G14	12 Nm
Dielectric Strength	ASTM D 1000	42 kV
Application Temperature		+5 °C to + 80 °C
Service Temperature		-20 °C to + 80 °C
Water Vapour Transmission	ASTM E96	0.06g / m <sup>2</sup> /24h
Water Absorption	ASTM D 570	0.1%
Volume Resistance	ASTM D 257	10 <sup>15</sup>

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