

- **GUARDIAN Bituwrap 1650 Tape** is a Heavy-Duty cold applied 2-Ply Bitumen/PVC system, designed for use where a high impact resistant and robust pipe wrap coating is required.
- The system is compliant with AWWA C209-19 Standard.
- **GUARDIAN Bituwrap 1650 Tape** has a highly self-adhesive anti-corrosion bituminous rubber compound that provides a high level of adhesion to a primed steel substrate.
- **GUARDIAN Bituwrap 1650 Tape** is designed for use on Buried or Submerged Pipelines. **The GUARDIAN Bituwrap 1650 Tape** is used for continuous linepipe wrapping, protection of field joints, pipeline bends, and fittings. In addition, can be used as a Joint Sealing on RC Pipes and Concrete Culverts.

ADVANTAGES

Surface Preparation: St2 or better.

Conformability: Extruded PVC Carrier Engineered for Toughness, Conformability and Controlled Elasticity.

Versatility: Compound formulated for Maximum Adhesion for different applications and environments.

PROPERTIES

Property	Test Method	Value
Roll Length/Width		15m/50-300mm
Thickness (PVC)	EN 1849-1	0.75mm
Thickness (Adhesive)	EN 1849-1	0.90mm
Thickness (Total)	EN 1849-1	1.65mm
Adhesion to Primed Steel	ASTM D1000	2.75N/mm
Adhesion to Self	ASTM D1000	2.75N/mm
Tensile Strength	ASTM D638	14.8N/mm ²
Tensile Module	ASTM D638	10.5N/mm ²
Elongation at Break	ASTM D638	270%
Dielectric Strength		>40kV
Impact Resistance		>20 Drops
Cathodic Disbondment	ASTM G13	<10mm radius
Temperature Application	ASTM G8	+5oC to +50oC
Temperature Operating		-20oC to +80oC
Insulation Resistance		1012 Ohms/cm ²
Interleave Overwidth		15mm
Colour		Black
Service Life		30 Years +

PRIMER: **GUARDIAN Bituwrap Primer**

MASTIC: **GUARDIAN Petrolatum Mastic HT or Mastic Filler Tape**

PACKAGING

Part No.	Weight	Unit	Carton Qty
FGCS0048	50mm	15 Metres	3 Rolls
FGCS0049	100mm	15 Metres	4 Rolls
FGCS0050	150mm	15 Metres	3 Rolls

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.

FIRST AID

Wear suitable protective clothing when applying. Please refer to Material Safety Data Sheet for detailed safety precautions.

SHELF LIFE

Minimum of 3 years if stored in sheltered conditions (25 Celsius) in original unopened packaging.