SINCE 1934

TECHNOBIT

TECHNOLOGY OF INSULATING MATERIALS

ETERNAWRAP TAPE

HIGH QUALITY SELF ADHESIVE ANTI CORROSION TAPE



THE WISE CHOICE

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MADE IN EGYPT

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Description

ETERNAWRAP TAPE is a cold-applied anti-corrosion wrap based on a 1.65 mm thick bituminous rubber compound. The compound is laminated onto a tough, extruded PVC carrier, offering excellent conformability and controlled elasticity. **ETERNAWRAP TAPE** is designed for below-grade protection of metal substrates against corrosion and electrolysis. It provides self-sealing overlaps and is highly resistant to cathodic elasticity.

Major Features

- **Anti corrosion**
- **Cold-applied system**
- **Self-sealing overlaps**
- **Tough yet flexible PVC backing**
- **High elongation capacity**
- **Strong adhesion**
- **Excellent dielectric strength**
- **Resistance to cathodic disbandment**

Uses

- **Buried and submarine pipelines**
- **Field welds, bends, and fittings**
- **Anti-corrosion barrier**
- **Self-sealed joints**
- **Resistant to cathodic disbandment**

Storage & Handling

ETERNAWRAP TAPE should be kept in an upright position in a flat, properly ventilated and sheltered storage area away from sunrays.

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Test	Unit	Test Method	Typical Values
Backing Colour			**Blue**
Width	mm		**50 / 100 / 150 / 225 / 300 / 400**
Length	M		**15–60**
Total Thickness	mm	ASTM D1000	**1.65**
Backing Thickness	mm	ASTM D1000	**0.75**
Adhesive Thickness	mm	ASTM D1000	**0.9**
Cathodic Disbondment, 30 days	mm radial	ASTM G8	**<10**
Adhesion to Self	N/mm	ASTM D1000	**2.75**
Adhesion to Primed Steel	N/mm	ASTM D1000	**2.75**
Tensile Strength	N/mm^2	ASTM D638	**21.7**
Tensile Modulus	N/mm^2	ASTM D638	**92.6**
Tear Resistance	N	ASTM D1004	**53.1**
Elongation	%	ASTM D638	**270**
Dielectric Strength	kV	BS2782	**40**
Holiday Detection Setting	kV	NACE RP0274	**10**
Impact Resistance	J	ASTM G13	**15**
Water Vapor Permeability	$g/(24h*m^2)$	ASTM E96 Procedure B	**0.36**
Water Absorption	%	ASTM D570	**<0.5**
Insulation Resistance	$Ohms/cm^2$	ASTM D257	**10^{12}**
Storage Temperature Range	°C		**<30**
Application Temperature Range	°C		**+5°C to +60°C**
Service Temperature Range	°C		**-20°C to +75°C**

TECHNOBIT products are tested at random intervals by independent laboratories to international standards and the results of these tests are available on request. In addition, each batch manufactured is subject to strict quality control procedures to ensure it meets appropriate and applicable standards and/or norms.

- Product Technical specifications may be updated by TechnoBit without prior notice.
- Issue Date of this Techinical Data Sheet is **MAY / 2025**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001