

TECHNICAL DATA SHEET

Denso Tape

Protect underground conductor joints from corrosion



Denso Tape is a grease saturated, non-hardening and non-cracking fabric tape that is used, amongst other things, for the protection of buried conductor joints in earth electrode systems.

Features & benefits:

- **Highly impermeable**
Excellent resistance to mineral acids, alkalis, salts and micro-organisms
- **Completely waterproof**
Protects from water, water vapour and gasses
- **Versatile use**
Prevents corrosion on fittings, joints and more, both above and below ground
- **Temperature resistant**
Easily applicable by hand to most surfaces in both cold and hot climates

Installation

- It is recommended that grease-resistant gloves are worn prior to handling Denso Tape.
- The tape should be wrapped tightly around the joint so that all parts are covered. Furthermore, conductors should be covered by the tape to a distance of 50 mm from the joint.
- At least two layers of tape should be applied and carefully moulded around the joint after application.

Application

Denso is a cold applied wrap tape which remains plastic across a wide range of temperatures, offering ideal protection for underground conductor joints. It is made from non-woven synthetic fibre, saturated and coated with a neutral compound, based on petroleum hydrocarbons (Petrolatum) and inert siliceous fillers.

Product information

Product specifications

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|-----------------------------------|----------------------|
| Part no. | TD005 |
| ABB order code | 7TCA083870R1158 |
| Description | Denso Tape |
| Breaking strength | 200 N/50 mm minimum |
| Elongation at break | 10% average |
| Breakdown voltage (55% overlap) | 16 kV minimum |
| Resistance to cathodic disbonding | <500 mm ² |
| Temperature for application | -5 °C to 45 °C |
| Roll length | 10 m minimum |
| Weight per roll | 0.76 kg |
| Thickness | 1.15 mm average |

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