

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**

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