

# **SELF-AMALGAMATING TAPE**

## **Type ISAA**





### Description and application

Self-amalgamating tape with a butyl base, recommended for electrical insulation as protection, waterproofing, splicing, and termination of cables. Self-amalgamating tape is a highly adhesive rubber and resin based tape that 'cures' to a single mass once it is taped.

It has excellent volumetric resistance, high perforation tension, and a low dissipation factor.

It is totally resistant to humidity, water, and chemical agents, and provides excellent electrical insulation, is highly workable and guarantees excellent protection against the weather.

It is used for terminations, splicing, and as protection against corrosion of cables, as well as isolating and protecting cables in shielding. It is used because of its impermeability to water and protection against corrosion of cables under the sea and underwater applications.

### Technical Data

Application temperature:  $-10^{\circ} + 40^{\circ}$

Max working temperature:  $65^{\circ}$  continuous,  $100^{\circ}$  peak

Thickness: 0,75 mm

Breaking load: at  $23^{\circ}\text{C}$  3,2 N/mm<sup>2</sup>

Elongation: at  $23^{\circ}\text{C}$  550%

Perforation voltage: 44 kV/mm

Dielectric constant: 2,6

Resistance to ozone: good

Width : 19 mm

Thickness: 0,75 mm

Tape length : 5 m