

## Description

This series is an open-ended cold shrink silicon rubber sleeve, which is pre-expanded by the factory and assembled onto a removable core. The core is removed when the tube is positioned for installation over an online connection or termination lug. It provides a tight water proofing property for termination and joints.

## Specification

| Reference                       | 510093     | 510100 ( With mastic ) |
|---------------------------------|------------|------------------------|
| Size ( mm )                     |   28 X 110 |   28 X 110             |
| Color                           | Negro      | Negro                  |
| Diametre ( mm )                 | 28   1     | 28   1                 |
| Length on core ( mm )           | 95   5     | 90   5                 |
| Diameter after shrinking ( mm ) | 7,5   1    | 7,5   1                |
| Length after shrinking ( mm )   | 110   3    | 110   3                |
| Thickness of tube ( mm )        | 2,5   0.2  | 2,5   0.2              |
| Sealing Class                   | IP67       | IP68                   |

## Technical Data

| Performance                  | Valor t pico           | M todo de prueba    |
|------------------------------|------------------------|---------------------|
| Hardness ( A )               | 40                     | ASTM D2240          |
| Tensile strength ( Mpa )     | 10,3                   | ASTM D 412          |
| Elongation ( % )             | 990                    | ASTM D 412          |
| Tear Strength (N/mm )        | 41,6                   | ASTM D 624          |
| Brittle temperature (  C )   | <- 40                  | ISO 812             |
| Electric Strength ( KV/mm )  | 23                     | ASTM D 4325         |
| Volumen resistivity (  NaN ) | 1.0 x 10 <sup>17</sup> | ASTM D 4325         |
| Flame resistance             | V0                     | UL94                |
| Thermal ageing               | Pass                   | ASTM D 412          |
| Ozone ageing                 | Pass                   | ASTM D 1149         |
| UV ageing                    | Pass                   | ASTM g 154          |
| Operation temperature (  C ) | IP67 / IP68            | IECC60529-1989/2015 |
| Sealing class                | - 55 + 200             |                     |

All the parameters above are typical values.

## Storage condition

It is recommended to store the silicone cold shrink tubes in a dry climate at a temperature of -40 C up to +50 C, Shelf life is specified with 12 month from date of manufacturing.

After installation, the warranty is 24 month excluding human damage and out of specification requirement.

