



## TECHNICAL DATA

# Scapa 75

## Self-Amalgamating Tape

### DESCRIPTION

Scapa 75 is an insulating, self-amalgamating tape based on silicone rubber. Its colour is grey.

### APPLICATIONS

- For protection and repair of medium voltage cable terminations
- As a barrier against migrating oils and grease for cable joints with impregnated paper (PILC).
- Multi-use around the home for repairs, burst pipes, handle grips, fraying rope repairs etc.

### PRODUCT BENEFITS

- Excellent barrier to grease and oil.
- Very good resistance to electrical arc and erosion in medium voltage terminations.
- Generates a thermally insulating residue when exposed to flame.
- Good resistance to water and humidity.
- Can operate in extremely low temperatures.
- Service temperature  $-45^{\circ}\text{C}$  up to  $+200^{\circ}\text{C}$ .
- Conforms to A-A 59163 (replace the MIL I-46852 C).

### TECHNICAL PROPERTIES

|                     | Unit   | Nominal Value      | Test Method |
|---------------------|--------|--------------------|-------------|
| Thickness           | mm     | 0.5                | -           |
| Tensile Strength    | MPa    | 5                  | ASTMD412    |
| Elongation at Break | %      | 350                | ASTMD412    |
| Volume Resistivity  | Ohm. m | $1 \times 10^{12}$ | ASTM D257   |
| Dielectric Strength | kV/mm  | 16                 | ASTM D149   |

## STANDARD PRESENTATION

- Roll length: 11m
- Roll width: 25mm
- Core diameter: 25mm cardboard
- Packaging: In Bulk - Individually packed rolls on request
- Other colours available dependant on volume potential

## RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. The storage temperature should be between +10°C and +30°C, relative humidity between 25 and 75 %. Under these conditions, the storage life of the tape in a temperate climate will be five years.

[www.scapa.com](http://www.scapa.com)

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