

## Scapa 1301

### Acetate Adhesive Cloth Tape

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#### DESCRIPTION

Scapa 1301 is an acetate cloth tape coated with a thermosetting rubber adhesive with 0.21 mm total thickness and recommended for coil winding protection and insulation (105°C thermal class A).

#### APPLICATIONS

- Features identification (Printable).
- Coil end winding, connection insulation, lead and terminal anchoring, etc.
- Outer protective insulating wraps for small bobbins, coils, transformers, etc.
- Fixing and securing of copper sheets or wires harnesses.
- Core insulation.
- Airbag bundling.

#### PRODUCT BENEFITS

- Service temperature: -5°C to +105°C – Thermal Class A.
- Easy printable carrier which allows your brand and the component technical features marking and identification.
- Thermosetting rubber adhesive system, which provides an optimum resistance to solvents and varnishes once fully cured.
- Regular finishing onto high diameter copper wires thanks to our carrier thickness.
- Very good conformability and excellent impregnation.

## TECHNICAL PROPERTIES

| Technical Property            | Nominal Value         | Unit  | Test Method     |
|-------------------------------|-----------------------|-------|-----------------|
| Adhesion to Steel             | 5.2                   | N/cm  | AFERA 4001      |
| Breakdown Voltage             | 1.6                   | kV    | AFERA 4011      |
| Corrosion Factor              | 1                     | -     | -               |
| Cross-Linking Cycle           | 1h at 150 - 2h at 130 | °C    | -               |
| Elongation at Break           | 20                    | %     | AFERA 4005      |
| Insulation Resistance         | 5x104                 | M ^   | AFERA 4010      |
| Service Temperature           | 105                   | °C    | -               |
| Tensile Strength              | 60                    | N/cm  | AFERA 4004      |
| Total Thickness               | 0.21                  | mm    | AFERA 4006      |
| Unwind Force 24-4 Hours       | 200                   | cN/cm | AFERA4013/DQP97 |
| Unwind Force after 3 *months* | 800                   | cN/cm | AFERA4013/DQP97 |

*Note:*

*\* When unwind force is important for the application required, it is recommended to use product 1381 ( 1301 with liner) as unwind increases quickly with time on this product*

## STANDARD PRESENTATIONS

- Colours: Black, White
- Core: 76 mm plain or Scapa branded cardboard core
- Packaging: Plastic bags
- Roll Length: 50 metres
- Roll Width: 10; 12, 15, 19, 25, 30, 38 and 50 mm

*Note:*

## 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. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the tape in a temperate climate will be at least six months.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.