

TERVAKOSKI FILM

TSC

TSC FEATURES

Zinc-aluminium alloy metallized PP-film with even resistivity profile. High temperature - high dielectric strength base film is produced with super clean electrical grade resins.

*for information about base film parameters please look our webpage (Tervakoski film ECT)

TYPICAL APPLICATIONS

Lightning, motor run and similar low voltage capacitors.

- suitability of film for concrete application must customer verify by testing

AVAILABLE THICKNESS RANGE (THICKNESS BY WEIGHT)

1,9 µm – 14,8 µm

Other thicknesses on demand

AVAILABLE FREE MARGINS

≥ 1,0mm (step 0,5 mm)

Other margins on demand

AVAILABLE WIDTHS

30 – 150 mm

Other widths on demand

RESISTIVITY PROFILE

Whole profile 2 – 4 Ω/□ (zinc-aluminium alloy)

Other resistivity on demand

CUSTOMER ROLL DIAMETERS

CORE (I.D): 75 +1 / -0,5 mm

ROLL OUTER DIAMETER (O.D):

| Film thickness [µm] | Film width [mm] | Customer roll outer diameter [mm] |
|---------------------|-----------------|-----------------------------------|
| ≥ 4,5 µm | ≤ 110 mm | 320 mm +10/-30 |
| | > 110 mm | 290 mm +10/-30 |
| > 3 µm < 4,5 µm | all widths | 290 mm +10/-40 |
| ≤ 3 µm | all widths | 240 mm +10/-50 |

* Other outer diameters on demand

METALLIZED PROFILE

Whole profile
ZINC-ALUMINIUM ALLOY

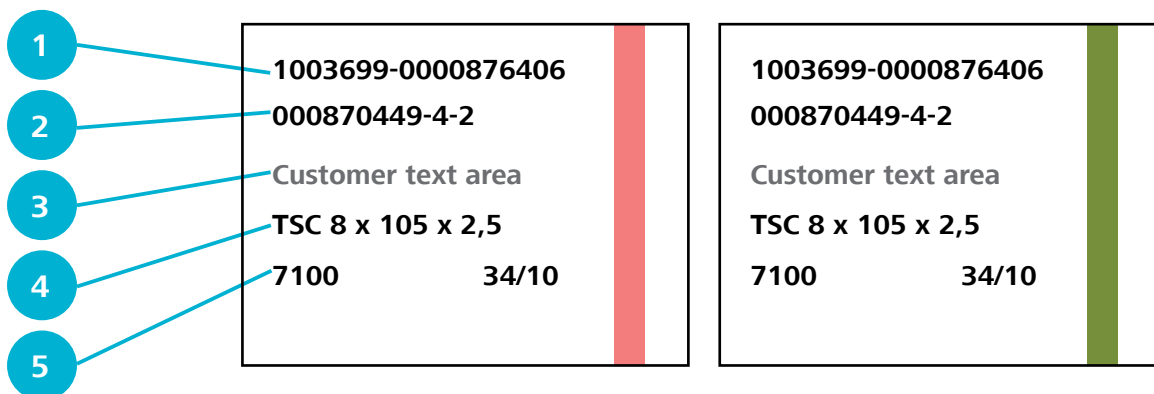
Free margin



Base film:
TERVAKOSKIFILM ECT
(for parameters please look our web page)

LABELLING

Each roll is equipped with a label which is placed on the top of the roll.



TERVAKOSKI FILMS METALLIZED FILM ROLL LABEL DECODING.

1. Roll identification data (customer roll – final roll)

1003699 = Manufacturing batch (lot) number
0000876406 = roll number (unique identifier)

2. Mother Roll identification data (source roll)

000870449 = metallized mother roll number
4 = Number of sets of rolls within a mother roll
2 = Position of a roll in a set. (slitting arm)

3. Customer text area

Customer individual text (max 30 characters in text field)

4. Product code name

Product name Thickness (µm) x width (mm) x free margin (mm).
TSC 8.0 x 105 x 2.5

5. Additional details

7100 = length of the film in the roll
34/10 = manufacturing week and year.

COLOR CODE:

GREEN = right handed roll
RED = left handed roll

In case of any communication we need complete data on first line of label – photocopy of complete label preferred.

PACKING (STANDARD)

A stack of rolls with interleaving discs and protecting discs at the bottom and top is packed into a multilayer aluminium laminate bag with dessicants. The bags are vacuumed, heat sealed and are packed on a wooden pallet. Material on palette is then further protected and strengthened by cartoon shell. Standard pallet size is 1200 mm x 800 mm.

In overseas shipments the packing unit is further strengthened with wooden crate. In this case the pallet size may vary from the standard size.

STORAGE

In the handling of pallets and individual rolls all kinds of shocks should be avoided. The rolls should be stored in the original package and in a dry place. Temperature exceeding 40 °C should be avoided during storage. It is also recommended that film is used within 6 months from production date.

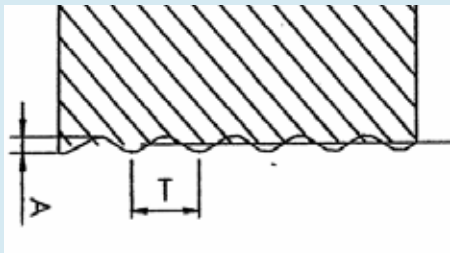
Upon and after opening the original package it is recommended to keep the film in controlled environment with humidity conditions below reference point 50% rH / +23 °C, however decision about real conditions is let to user expertise .

It is required that in cold conditions the rolls must reach room temperature before opening the bag.

WAVECUT - optional (product code changes to TSCL)

Wavecut is on free margin side of film, optionally on heavy edge side.

| Wave amplitude peak to peak (A) | | 0,8mm |
|--|--------------------|--|
| Wave period (T) | | Typically 6–10 mm |
| Available widths for wavecut films (other widths on demand) | Wave-Straight [mm] | 37,5 / 50 / 62,5 / 70 / 75 / 100 / 110 / 125 |
| | Wave-Wave [mm] | on demand |



WIDTH OF THE FILM IS MEASURED UP TO MIDDLE OF WAVE

Tervakoski film 

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