

TERVAKOSKI FILM

# TSYL

## TSYL FEATURES

Zinc-aluminium alloy metallized PP-film with slope resistivity profile and wavecut on freemargin / heavy edge side. 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

### AC/DC 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

Slope 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

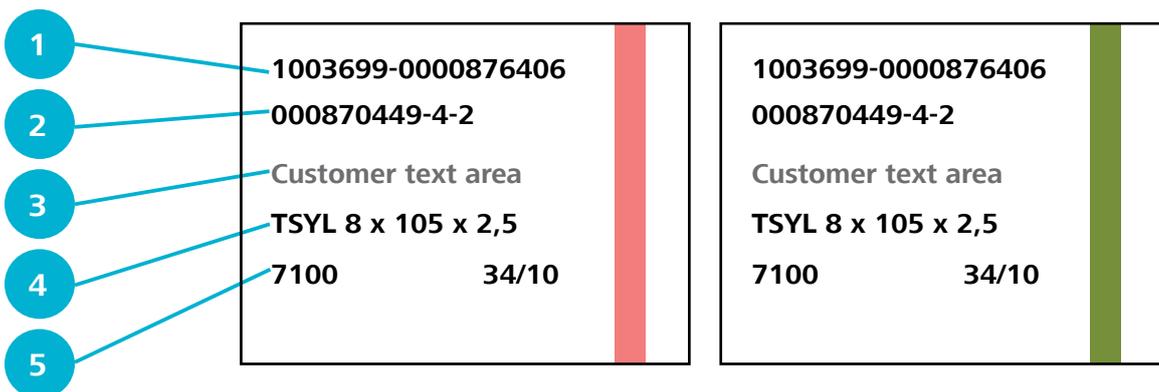
\* Other outer diameters on demand

## METALLIZED PROFILE



## 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).  
TSYL 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.

Optional labels with machine-readable codes available on demand.  
(QR code / bar code EAN128)

## 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 pallet 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

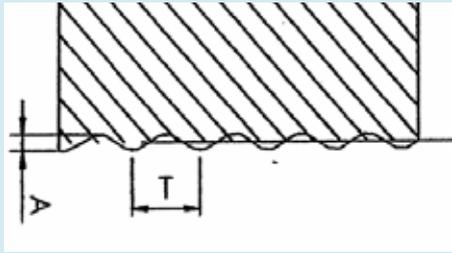
In the handling of pallets and individual rolls all kinds of shocks should be avoided. The rolls should be stored in the original package and in a dry place. Temperature exceeding 40 °C should be avoided during storage. It is also recommended that film is used within 6 months from production date.

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

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

Wave amplitude peak to peak (A)		0,8mm
Available widths for wavecut films (other widths on demand)	Wave period (T) Wave-Straight [mm] Wave-Wave [mm]	Typically 6–10 mm 37,5 / 50 / 62,5 / 70 / 75 / 100 / 110 / 125 on demand
		
WIDTH OF THE FILM IS MEASURED UP TO MIDDLE OF WAVE		

**Tervakoski film** 

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