

TERVAKOSKI FILM

TSXU

TSXU FEATURES

Zinc-aluminium alloy pattern metallized PP-film with heavy edge and even active area 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

DC low/medium voltage capacitors. Increased safety.

- 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

Heavy edge 2-4 Ω/□ (zinc-aluminium alloy)

Active area 5-12 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

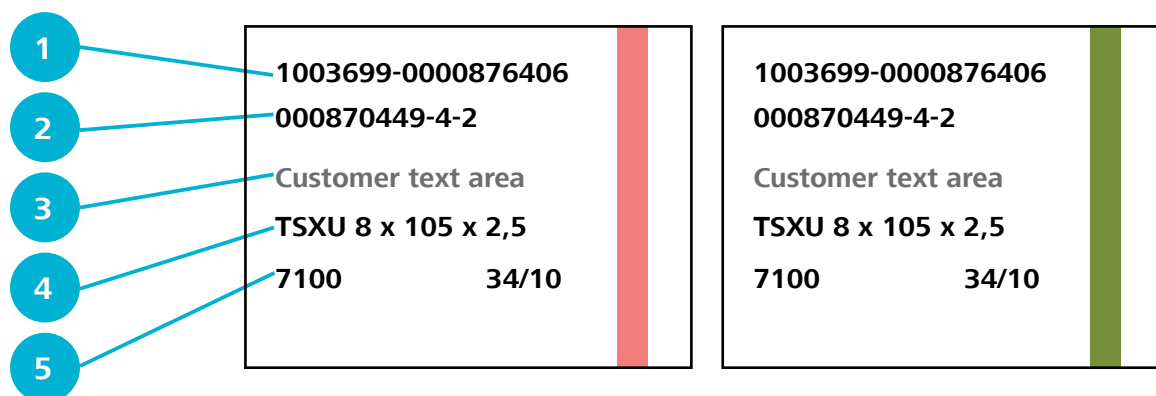
* Other outer diameters on demand

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)

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.

4. Product code name

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

5. Additional details

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

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.

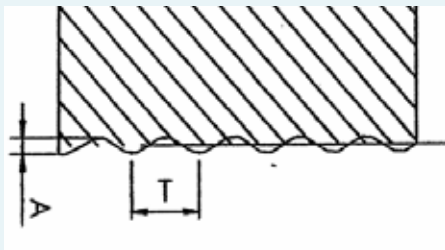
Upon and after opening the original package it is recommended to keep the film in controlled environment with humidity conditions below reference point 50% rH / +23 °C, however decision about real conditions is let to user expertise .

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

WAVECUT - optional (product code changes to TSXUL)

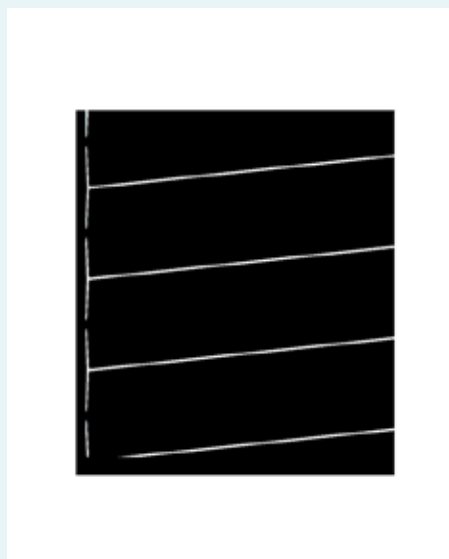
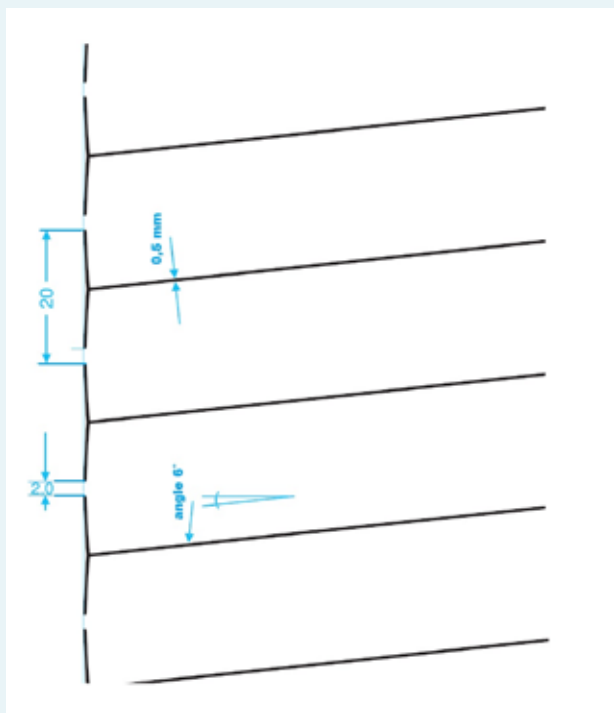
Wavecut is on free margin side of film, optionally on heavy edge side.

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

PATTERN DIMENSION



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