

# CLEAR PET FILM FOR PRINTED CIRCUITRY

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**FLEXIBLE CIRCUITRY**

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**covame**  
THE VALUE  
OF INNOVATION  
SINCE 1965

## COVEME KEYFACTS

With sixty years of expertise in roll-to-roll heat stabilization and coating, along with highly advanced production lines, cutting-edge conversion processes, and rigorous quality control procedures, Coveme is recognized globally for its competence and reliability. The solid partnerships with clients and suppliers developed over the years have allowed Coveme to meet the challenges of a constantly evolving market and to develop innovative products that respond to the needs of the industry.

Coveme is IATF (International Automotive Task Force) certified for suppliers to the automotive industry, which certifies full compliance with global quality standards.

- ✓ **60 years of know how** in PET converting
- ✓ **2 production plants** in Italy and Asia
- ✓ **3 R&D hubs** in Italy, Germany and China
- ✓ **13 lines:** coating, treatment, lamination and heat stabilization
- ✓ **Automated slitting department** for customized cuts
- ✓ **Worldwide** distribution and service
- ✓ **IATF certified** for automotive industry
- ✓ **ISO 9001, ISO 14001 and UNI EN ISO 45001 certified**

## CLEAR PET FILM FOR PRINTED CIRCUITRY

The Kemafoil® Clear film range by Coveme is specially treated and heat-stabilized for printed electronics applications, and is designed for both roll-to-roll and sheet-to-sheet printing systems. These processes require a substrate that ensures excellent flatness, high dimensional stability, and strong adhesion to conductive inks, even at high printing speeds.

Coveme materials are engineered to meet the demands of advanced production processes such as printing, coating, and lamination, where high mechanical stress and strict chemical and physical performance requirements are critical.

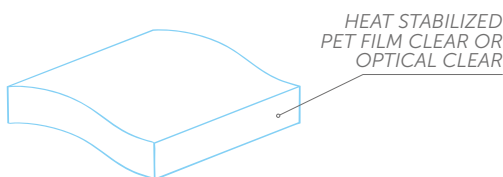
## MAIN PRODUCT APPLICATIONS

- ✓ **Screen Printed Heaters** automotive heaters and rear mirror application, floor heaters, heated handle grips
- ✓ **Screen Printed Lightings** flexible led application, capacitive touch
- ✓ **Screen Printed Sensors** airbag, pressure sensor application, car steering wheel application
- ✓ **Screen Printed Electronics** white goods, home appliances, consumer electronics, touch screen, industrial functional control

## PRODUCT RANGE

### Kemafoil® TSL / TSL OC

Clear and optical clear  
heat stabilized PET film



Thickness(μm): 75-175



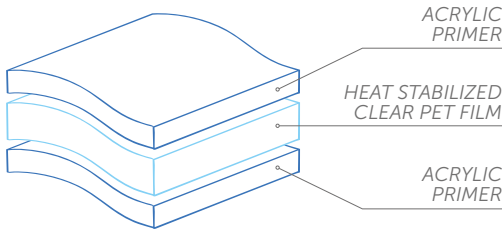
Roll width up to 2250mm



Rolls and sheets

# Kemafoil® MTSL

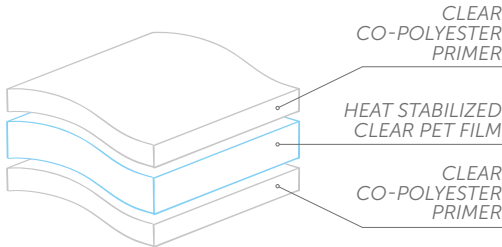
Two sides acrylic  
primer, optical clear  
heat stabilized PET film



- Thickness(μm): 71, 96, 125, 175
- Booth sides acrylic treated
- Roll width up to 1920mm
- Rolls and sheets

# Kemafoil® MTSL DY

Two sides co-polyester  
primer, clear heat  
stabilized PET film



- Thickness(μm): 125, 175
- One or booth sides copolyester treated
- Roll width up to 1700mm
- Rolls and sheets

## PRODUCTS FEATURES

PRODUCTS	HAZE (%)	HEAT STABILIZATION: MD SHRINKAGE			TREATMENT
TSL	1,5	0,2%	30min	150°C	-
TSL OC	0,4	0,2%	30min	150°C	-
MTSL	0,5	0,2%	30min	150°C	Booth sides acrylic primer
MTSL DY	1,5	0,2%	30min	150°C	One or booth sides copolyester primer

Value referred to  
a film of 125μ

## SUPPLY FORMATS

→ Roll Length	TSL up to 4000 linear meters MTSL DY up to 1800 linear meters TSL OC up to 2400 linear meters MTSL up to 2400 linear meters
↔ Roll width	TSL up to 2250mm TSL OC up to 1920mm MTSL up to 1920mm MTSL DY up to 1700mm
📦 Splices per roll	Splices free, depending on the final request final length
📄 Sheets	Customized under request
🌀 Core	76/152 mm in PVC

## RECOMMENDED STORAGE CONDITIONS AND SHELF LIFE

Product as supplied in original packaging will maintain stated test properties for a period of 24 months from manufacturing date stamped on shipping container when stored at temperatures between 10-30° C (50-86°F) and a relative humidity between 30-60 per-cent. Keep product in original packaging until use.



Coveme is certified ISO 9001: 2015 for quality management standards, ISO 14001: 2015 for environmental management and UNI EN ISO 45001:2023 for occupational health and safety.



Coveme has received the Bronze Medal Ecovadis certification as the result of a corporate sustainability performance evaluation.



Coveme is IATF (International Automotive Task Force) certified as supplier to the automotive industry.



COVEME.COM



FLEXIBLE CIRCUITRY



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