

**COVEME**  
THE VALUE OF INNOVATION

# Kemafoil<sup>®</sup> MTSL W

POLYESTER FILM FOR BIOMEDICAL APPLICATIONS

Heat-stabilized and primed white polyester film



# Kemafoil® MTSL W

## Description:

Kemafoil® MTSL W is a white opaque, heat stabilized polyester film with a print receptive coating on both sides

## End use:

Amperometric biosensor strips, IVD substrates and other

PROPERTIES	UNIT	METHOD	VALUE	VALUE 75 µ	VALUE 100 µ	VALUE 125 µ	VALUE 175 µ	VALUE 250 µ	VALUE 350 µ
Thickness variation	microns	INTERNAL	47.5 - 52.9	72.0 - 78.0	95.0 - 105.0	119.0 - 131.0	166.0 - 184.0	237.0 - 262.0	343.0 - 367.0
Density	g/cm3	ASTM D 1505	1,41	1,41	1,41	1,41	1,41	1,41	1,41
Yield	sqm/kg	INTERNAL	14,08	9,39	7,14	5,71	4,08	2,82	1,98
Tensile strength (md)	Kg/cm2	ASTM D 882	> 1250	> 1250	> 1250	> 1250	> 1250	> 1250	> 1250
Tensile strength (td)	Kg/cm2	ASTM D 882	> 1550	> 1550	> 1550	> 1550	> 1550	> 1550	> 1550
Elongation at break (md)	%	ASTM D 882	> 50	> 50	> 50	> 50	> 50	> 50	> 50
Elongation at break (td)	%	ASTM D 882	> 50	> 50	> 50	> 50	> 50	> 50	> 50
Heat Shrinkage (md) (150°C x 30 minutes)	%	ASTM D 1204	< 0,3	< 0,3	< 0,3	< 0,3	< 0,2	< 0,2	< 0,2
Heat Shrinkage (td) (150°C x 30 minutes)	%	ASTM D 1204	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2
Whiteness		ASTM E 313	> 90	> 90	> 90	> 90	> 90	> 90	> 90
Total light transmission	%	ASTM D 1003	< 23	< 18	< 10	< 8	< 5	< 4	< 2

## Standard supply specifications:

- Master roll
- Customized reels
- Inner core: 3" or 6"
- Cut sheets on request. Sizes and drills according to customer's drawings

Data and product description have to be considered indicative. - The above information is liable to change due to innovation and improvement in the manufacturing process. We assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the laminate for different end-uses.

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Kemafoil® is a Coveme registered trade mark

Coveme spa is UNI EN ISO 9001-2000 certified



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