

FLEXIBLE CIRCUITRY

White pet film one or two sides surface treated and heat stabilised for professional membrane switches, lamination for chips microcircuits.

PROPERTIES	UNIT	METHOD	VALUE 50 µ	VALUE 75 µ	VALUE 100 µ	VALUE 125 µ	VALUE 175 µ
Thickness variation	mic.	INTERNAL	47.5 - 52.9	72.0 - 78.0	95.0 - 105.0	119.0 - 131.0	166.0 - 184.0
Density	g/cm3	ASTM D 1505	1.41	1.41	1.41	1.41	1.41
Yield	sqm/kg	INTERNAL	14,08	9,39	7,14	5,71	4,08
Tensile strength (md)	Kg/cm2	ASTM D 882	> 1250	> 1250	> 1250	> 1250	> 1250
Tensile strength (td)	Kg/cm2	ASTM D 882	> 1550	> 1550	> 1550	> 1550	> 1550
Elongation at break (md)	%	ASTM D 882	> 50	> 50	> 50	> 50	> 50
Elongation at break (td)	%	ASTM D 882	> 50	> 50	> 50	> 50	> 50
Wetting tension	Dynes/cm	ASTM D 2578	>58	>58	>58	>58	>58
Heat Shrinkage (md) (150°C x 30 minutes)	%	ASTM D 1204	< 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
Whiteness		ASTM E 313	> 90	> 90	> 90	> 90	> 90
Total light transmission	%	ASTM D 1003	< 23	< 18	< 10	< 8	< 5

Notes

One side treated available

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.

Kemafoil® is a Coveme registered trade mark

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by us. 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 film for different end-uses.

Coveme spa is UNI EN ISO 9001-2000 certified

