

COVEME
THE VALUE OF INNOVATION

Kemafoil[®] HSPL 00

POLYESTER FILMS FOR FLEXIBLE CIRCUITRY



FLEXIBLE CIRCUITRY

Clear polyester film, one or two sides treated and thermostabilise, professional membrane switches, lamination for chips microcircuits.

PROPERTY	UNIT	METHOD	VALUE 50 Đ	VALUE 75 Đ	VALUE 100 Đ	VALUE 125 Đ
THICKNESS VARIATION	mic.	internal	47.5 - 52.9	72.0 - 78.0	95.0 - 105.0	119.0 - 131.0
DENSITY	gm/cm3	ASTM D 1505	1.395 -1.405	1.395 -1.405	1.395 -1.405	1.395 -1.405
YIELD	sqm/kg	internal	14,28	9,52	7,14	5,71
TENSILE STRENGTH (MD)	Kg/cm2	ASTM D 882	1750 - 2500	1500 - 2500	1600 - 2500	1600 - 2500
TENSILE STRENGTH (TD)	Kg/cm2	ASTM D 882	1900 - 2800	1800 - 2800	1700 - 2800	1700 - 2800
ELONGATION AT BREAK (MD)	%	ASTM D 882	90 - 180	90 - 180	90 - 180	90 - 180
ELONGATION AT BREAK (TD)	%	ASTM D 882	90 - 180	90 - 180	90 - 180	90 - 180
WETTING TENSION	Dynes/cm	ASTM D 2578	>52	>52	>52	>52
SHRINKAGE (MD) (150°C FOR 30 MIN)	%	ASTM D 1204	< 0,3	< 0,3	< 0,2	< 0,2
SHRINKAGE (TD) (150°C FOR 30 MIN)	%	ASTM D 1204	< 0,2	< 0,2	< 0,2	< 0,2
HAZE (*)	%	ASTM D 1003	< 5	< 5	< 5	< 5

(*) HAZE VALUE REFERS TO CLEAR BASE FILM

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.

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

Coveme spa is UNI EN ISO 9001-2000 certified

