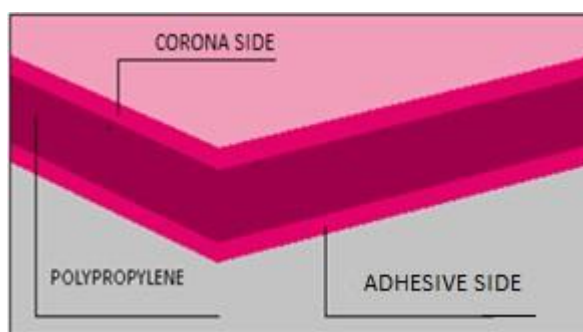


## TK ANTIBACTERIAL GLOSS

Biaxially oriented polypropylene gloss film with antibacterial treatment which reduces after 24 hours the 99% of bacteria that comes into contact with the film. This is a thermal laminating film with an adhesive on one side for hot lamination. The film has the same gloss and transparency as the standard film.

Applications: Hospital communication materials and packaging, Children's books, Restaurants menu, Packaging of personal care products.



PHYSICAL PROPERTIES ± 3%	TEST METHOD	UNIT	VALUE
Thickness	Internal	micron (µm)	24
Grammage	Internal	g/m <sup>2</sup>	21,74
Yield	Internal	m <sup>2</sup> /kg	46,00
Coefficient of friction film/film	ASTM D 1894	-	0,25
Surface tension Polypropylene side	ASTM D 2578	Dyne/cm	≥ 36
Surface tension adhesive side	ASTM D 2578	Dyne/cm	≥ 40

MECHANICAL PROPERTIES ± 3%	TEST METHOD	UNIT	VALUE
Lamination strength	Internal	N25/mm	≥ 7,5

THERMAL PROPERTIES ± 3%	TEST METHOD	UNIT	VALUE
Lamination temperature	Internal	°C	95-115

Storage Recommendations: The film can be sensitive to high humidity, store at standard storage temperature conditions of approx. 20°C, max 40% humidity, away from direct sunlight.

Disclaimer: The information given is to the best knowledge of the manufacturers specifications. These values are test results, which are indicative only and are provided merely as guidelines.

Ultralen ® registered trademark: The aforementioned data is given most conscientiously but without any obligation. Any processing details are provided merely for guidance, it is the user's responsibility to check the suitability of the product for the intended application.

Warranty: This product has a warranty of 180 days as from the date on the invoice; claims after 180 days from the date on the invoice for any normal reason cannot be accepted. Please always keep the full label details of the film roll for warranty purposes, without full label details we cannot promise that we can handle or accept a claim.

Declarations: This film complies with regulation EN 71-3 The European standard on the Safety of Toys (EN71) Part 3. We can declare that the total quantity of heavy metals and substances of Lead, Cadmium, Chrome, Mercury, Arsenic, Barium and Selenium is lower than 100 ppm and are not added intentionally. As the presence of these substances are not expected, we do not check its absence.

The film is not food contact approved or regulated.

20.05.2020

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 Geschäftsführer: Reiner Hambrecht  
 Sitz der Gesellschaft: Weil am Rhein  
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