



## TECHNICAL DATA SHEET - ANTIMICROBIAL, TRANSPARENT, SOFT COVER®

### PURECOVER

Film consisting of a 100- $\mu$ m, transparent, cast PVC containing silver ions-based, antimicrobial agents. Intended for antimicrobial protection and shielding purposes in areas requiring a high level of hygiene. Active on the following bacterial strains (according to ISO 22196):

- Golden staph (*Staphylococcus aureus*),
- Methicillin-resistant *Staphylococcus aureus* (MRSA),
- Salmonella (*Salmonelle enterica*),
- Listeria (*Listeria monocytogenes*),
- *Escherichia coli*,
- *Pseudomonas aeruginosa*.

Antiviral activity on the Human coronavirus HCoV-229E strain (according to the ISO 21702 standard):

- 94.99 % after a contact time of 15 min.,
- 99.87 % after a contact time of 60 min.

#### **FILM FEATURES:**

	<u>Indicative values</u>	
• Thickness ( $\mu$ m):	100 $\pm$ 10%	
• Surface coat weight ( $\text{g}/\text{m}^2$ ):	130 $\pm$ 10%	
• Transparency (400-700 nm visible):	> 70 %	
• Gloss (G.U.):	> 90	
	<u>Average values</u>	<u>Standard</u>
Tensile strength (N/25 mm):	min. 60	HEXNFX41031
Elongation at break (%):	min. 200	HEXNFX41031

#### **LINER:**

- Non-stick paper.
- Stable under hygrometric variations.

#### **USER'S INSTRUCTIONS:**

- Transparent, soft cover featuring permanent antimicrobial surface properties. It protects populations against the bacterial strains mentioned above and provides a clear view for everyday lifestyle habits (work in an open space, lunch in a restaurant, etc.).
- Under normal usage conditions, harmless when in contact with human skin (skin compatibility study carried out under dermatological control (based on the PURZON60B technology)).

- ✓ No allergenic potential.
- ✓ No irritant potential.
- Active compound: Supported silver ions, < 1.3 % w/w of the entire product.
- Operating temperature range: ambient temperature

**STORAGE:**

- Shelf life:  
The shelf life of this film is 2 years when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C and +25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

**DURABILITY:**

Vertical indoor exposure: up to 5 years (in areas not subject to frequent handling or high visitor frequency).

**END OF LIFE:**

PURECOVER must be treated as ordinary waste.

**NOTES:**

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.

All the published information is based on measurements regularly performed in the laboratory. It does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).