

# Product Data Sheet

## Pentadecor 3D PVC Anti-Microbial Film



Version: 110301

Rigid PVC furniture film for 3D forming. Coating with silver based Anti-Microbial activity.

Properties	Test Methods	Unit	Values/Tolerances
Thickness	DIN 53370	mm	≤ 0,3 ± 10% > 0,3 ± 5%
Shrinkage	DIN 53377 (100°C / 10 min)	%	MD : max. - 5 TD : max. + 2
Tensile strength	DIN EN ISO 527-1-2	N/mm <sup>2</sup>	≥ 40
Tensile strain at break	DIN EN ISO 527-1-2	%	≥ 10
Vicat softening point (B50)	DIN EN ISO 306	°C	appr. 69
Antimicrobial activity value - Escherichia coli NBRC 3972 - Staphylococcus aureus NRBC 12732	JIS Z 2801	log	> 3
Lightfastness (Wool Blue Scale)	ISO 105-B02	WBS	6 - 7
Chemical resistance	DIN 68861-T1	class	1B
Abrasion resistance	DIN 68861 -T2	class	2D
Scratch resistance	DIN 68861 -T4	class	4D
Resistance to dry heat	DIN 68861 -T7	class	7C
Resistance to wet heat	DIN 68861 -T8	class	8B
Embossing stability	130°C / 5min (circulated air)	visual	no visible changes to standard
Embossing			various
Gloss	DIN 67530	∠ 60°	10 ± 2
Colour tolerance uni [ light colours (L>75) ]	DIN 6174 (D65/10°, CIELAB)	ΔL Δa Δb ΔE	± 0,40 ± 0,20 ± 0,30 ≤ 0,50

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should therefore be understood as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed.

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