

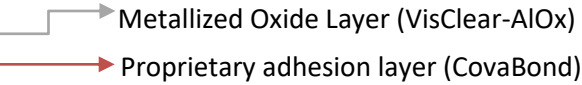
VisClear-AIOx: Aluminium Oxide metallized PET film with high barrier and superior metal adhesion for food packaging applications.

PET (9 – 50 μm)

Application

High barrier application:
 fresh/dried meat, candy/granola bars, dried fruit, snacks & biscuits

Food packaging, hot fill, sterilization, pasteurization and retort application (110 °C – 135 °C)



1. High transparency & product visibility
2. Superior surface for printing
3. Excellent barrier performance (WVTR & OTR)
4. Complies for food contact
5. Pasteurizable, sterilizable, steamable

Testing methods & properties		VisClear-AIOx-020	VisClear-AIOx-010	VisClear-AIOx-T	VisClear-AIOx-TZ
	Standards	TYPICAL VALUES			
Thickness	GB/T 6672-2001	10 – 50 μm			
Density	GB/T 1033.1-2008	1.4 g/cm ³			
Tensile strength MD/TD	ASTM D882	≥ 170 MPa			
Elongation at break MD/TD		≤ 200 %			
Surface tension PET / AIOx side	GB/T 14216-2008 mN/m	≥ 52 / ≥ 46	≥ 52 / ≥ 46	≥ 45 / ≥ 42	≥ 45 / ≥ 42
OTR 50% HR, 23°C	ASTM D-3985 cm ³ /m ² .day	≤2.0	≤1.0	≤0.5	≤0.5
WVTR 90% HR, 38 °C	ASTM F-1249 g/m ² .day	≤2.0	≤1.0	≤3.0	≤1.0
Uniformity	ASTM D-1003 %	< 5			
Light transmittance	ASTM D-1003 %	≥ 88			
Surface adhesion	QB/T 2358-1998 3 N/15 mm	VisClear-AIOx-020 : Normal AIOx Metallized Film, PET-AIOx-010 : High Barrier AIOx Metallized Film, VisClear-AIOx-T : Protective coating AIOx Metallized Film, VisClear-AIOx-TZ : Steamable AIOx Metallized Film.			

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