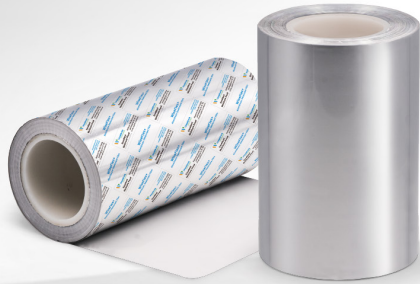


WiseFlex+

Aluminum Desiccant Film



Product Introduction

WiseFlex+ aluminum desiccant film is a high-barrier film with an excellent active barrier to effectively block moisture, oxygen, and UV light. The desiccant layer inside adsorbs moisture, effectively delaying the oxidation time of the product. WiseFlex+ offers a variety of materials for composite structures, including PET, PA, PP, etc. as the outer layer. The aluminum layer and desiccant layer are available in multiple thicknesses based on your needs.

WiseFlex+ films can be printed using various methods, including UV inkjet printing and digital printing. WiseFlex+ ensures the product's aesthetic appearance while meeting and exceeding protection requirements.

Product Features



High barrier to block moisture, oxygen, and UV light



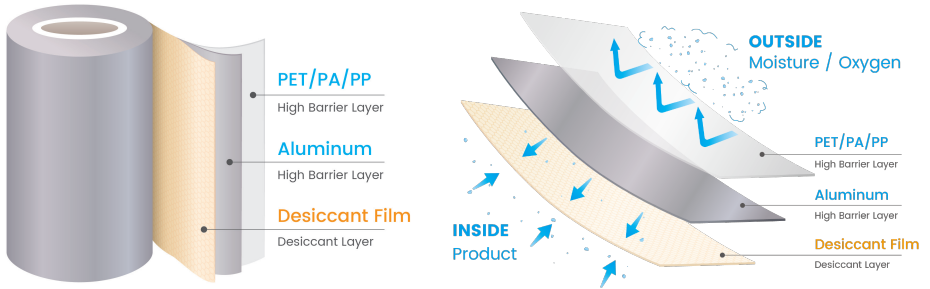
Excellent moisture absorption and humidity control capacity



Flexible choices of materials and structures



Good printability



Applications

WiseFlex+ offers these properties in a variety of application scenarios and is suitable in pharmaceutical, healthcare, diagnostics, food, and cosmeceutical packaging. WiseFlex+ works in various types of packages: stick packs, tablet packaging, and diagnostic reagent pouch.

Technical Parameter

WiseFlex+Aluminum Desiccant film (PET12/Alu12/Des80)

Thickness (um \ mil)	105±10 \ 4.12±0.39	
Grammage (g/m ² \ oz/yd ²)	140.0±12.0 \ 4.13±0.35	
Moisture absorption (g/m ² \ oz/yd ²)	≥6.0 \ 0.18	
Tensile strength	Horizontal (N/15mm \ lb/in)	≥30.0 \ 11.25
	Vertical (N/15mm \ lb/in)	≥30.0 \ 11.25
Hot tack strength (N/15mm \ lb/in)	≥6.0 \ 2.25	
Peel strength (N/15mm \ lb/in)	≥4.0 \ 1.50	
Water vapor transmission (38°C, RH90%)(g/(m ² ·24h))	≤0.01	
Oxygen transmission rate (23±2°C)(cm ³ /(m ² ·24h·0.1Mpa))≤0.5	≤0.5	