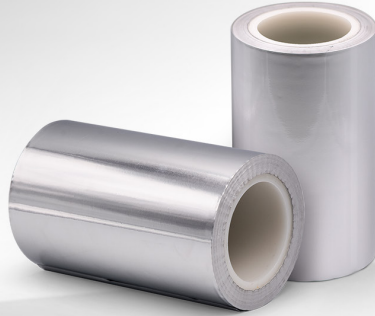


WiseLid+

Desiccant Seal Foil



Product Introduction

Tablets, capsules, and other sensitive drugs are vulnerable to external environmental factors. A difference in the external temperature and the invasion of moisture into the packaging are significant risks that can harm the safety and efficacy of drug products. To better protect the quality, ensure continued stability, and extend the shelf life of medicines, WiseNano launched WiseLid+ desiccant seal foil.

WiseLid+ consists of a two-layer structure combining aluminum and drying film. The lid offers an enhanced barrier for moisture adsorption and superior sealing characteristics. WiseLid+ provides a comprehensive protective barrier for drugs by adding desiccant film. Desiccant film's high moisture absorption performance ensures a stable internal environment for drug packaging. At the same time, WiseLid+ prevents any lateral permeation, which can effectively avoid the possibility of moisture cross-diffusion from the edge of the blister.

WiseLid+ can work with automatic packaging machines, making manufacturing convenient and fast. WiseLid+ desiccant aluminum seal foil provides a Child Resistant (CR) opening structure. The PET layer is not easy to puncture.

Product Features



The double-layer structure effectively blocks water vapor, oxygen, and ultraviolet light.



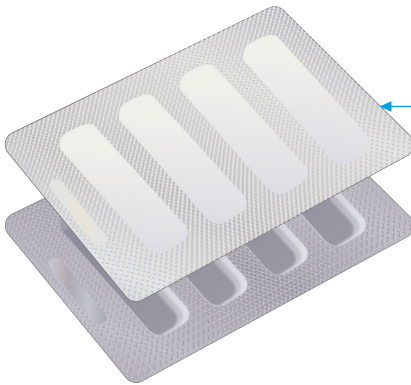
Able to improve production efficiency. Using automatic packaging makes manufacturing convenient and fast.



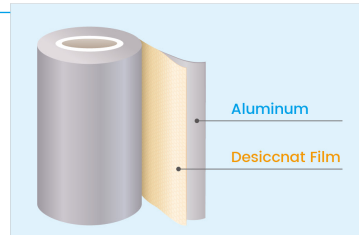
High moisture absorption performance can prevent drugs from being affected by moisture and prolong shelf life.



WiseLid+ can provide a CR (Child Resistant) feature by adding a PET layer.



WiseLid+
Desiccant Seal Foil



Technical Parameter

WiseLid+Desiccant Seal Foil (Alu25/Des60)

Thickness (um \ mil)	85±8 \ 3.346±0.315
Grammage (g/m ² \ oz/yd ²)	140.0±14.0 \ 4.130±0.413
Moisture Adsorption Capacity (g/pcs. \ oz/pcs.)	≥4.0 \ 0.12
Heat Seal Strength (N/15mm \ lb/in)	>12.0 \ 4.50
Peel Strength (N/15mm \ lb/in)	≥6.0 \ 2.25
Water Vapor Transmission Rate (38°C, RH90%) (g/(m ² .24h))	<0.05
Oxygen Transmission Rate (23°C ±2°C) (cm ³ /(m ² .24h.0.1Mpa))	<0.5

*WiseNano also provides a combination product of WiseForm Cold-formed blister or WiseForm+ Cold-formed desiccant blister with WiseLid+, please contact local sales for more information.