

# LD-Type HG Sheet

## Slow-acting desiccant

### Features:

- HG Sheets have an adhesive on one side like a label. Just peel and stick.
- It absorbs moisture by chemical reaction ( $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2$ )
- Easy handling compared to liquid desiccants
- No activation needed and no dusting after moisture is absorbed
- Developed for use in medical devices

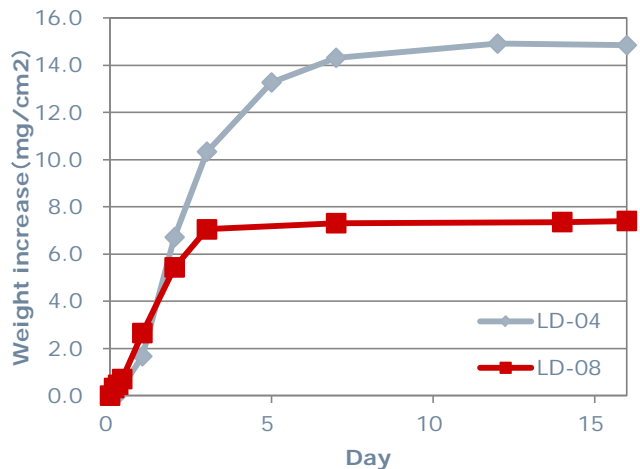
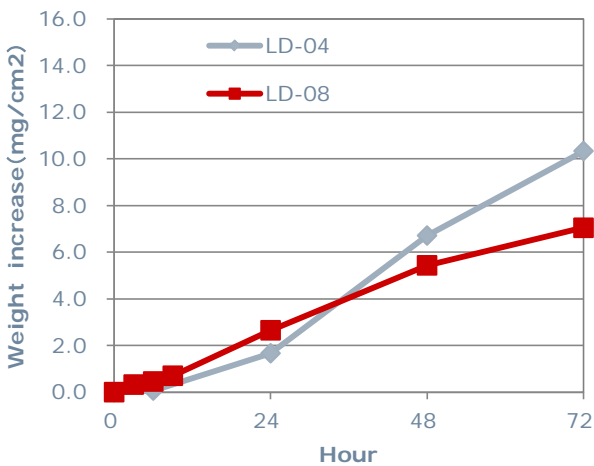
### Structures

Desiccant Layer (Absorbent: CaO)
Adhesive Layer
Carrier Film (PET film 50micron)

### Properties

	LD-04		LD-08	
Desiccant Thickness (micrometer)	270		120	
Adhesive Layer Thickness (micrometer)	30	15	30	15
Total Thickness (micrometer)	300	285	150	135
Moisture Absorption Ability (mg/cm <sup>2</sup> )	14.9		7.4	

### Absorption data



Sample	Test Condition	Size	Remark
LD-04: t=350 micrometer LD-08: t=150 micrometer *thickness of desiccant layer only	20C(68F) – 65% R.H.	30mm x 30mm	The data in the chart on the right shows the test results of use in an open atmosphere and includes the reaction with CO <sub>2</sub>

\*Note: The values in this document are test data only and are not guaranteed.