

A common question asked about molecular sieves is how do you know when to change them?

Since they are non-indicating sieves, you cannot tell by appearance. Factors such as relative humidity inside the storage box, the amount of moisture ingress through the storage box and the amount of times the storage box have been opened make it difficult to estimate how long they are effective.

Weight of the sieves is the best way to tell when they're exhausted. The molecular sieves will pick up moisture to approximately 21% of the weight of the desiccant inside the packet.

See table below:

<i>Film width</i>	<i>Starting weight</i>	<i>Replacement weight</i>
<i>16mm</i>	<i>3.5g</i>	<i>4.24g</i>
<i>35mm</i>	<i>7.0g</i>	<i>8.47g</i>
<i>105mm</i>	<i>12.5g</i>	<i>15.12g</i>

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