

**High-Absorption
Desiccant/Purifier**

Absorbs 107% of its weight

This indicating desiccant (alumina silicate) dries to a dew point of -100°F (-38°C). It reduces moisture in air or gas to 17% in a room with a temperature of 70°F (21°C) and relative humidity of 40%. Desiccant can be repeatedly reactivated in a furnace, dehumidifier, or microwave oven.



Desiccant 24450-00 starts out tan, then turns brick red when saturated.

Packaging	Mesh size	Catalog number	Price
1 lb bottles		GH-24450-00	/pk of 6
5 lb bag	4 to 8 mesh	GH-24450-10	/ea
55 lb bag		GH-24450-20	/ea

Drierite® Desiccants

Use wherever you need it

Use Drierite desiccants (anhydrous calcium sulfate) in desiccators, drying columns, or drying tubes. Choose indicating or non-indicating desiccant—indicating desiccant starts blue, then turns pink when regeneration or renewal is necessary.



07193-05

Packaging	Mesh size	Catalog number	Price
Indicating Drierite desiccant†			
1 lb pks	8 mesh	GH-07193-05	
5 lb pks		GH-07193-15	
25 lb can		GH-07193-18	
Nonindicating Drierite desiccant‡			
1 lb pks	8 mesh	GH-07193-20	
5 lb pks		GH-07193-25	
25 lb can		GH-07193-30	

†Drying capacity is 10 to 14% of its weight for water and gases.
‡Drying capacity is 6% of its weight for water and gases.

Cole-Parmer® Humidity Sponges™

Reusable for less waste

- Bags result in 37% moisture absorption
- Indicators show when moisture capacity has been reached

Humidity sponges meet all drying requirements. One bag will retain 16% moisture in a container with a volume of two gallons (476 cu. in.) The sponges are non-toxic and are Class M3.5 cleanroom-compatible.



07193-11



Model 07193-11 has one side of clear film and one side white Tyvek® and contain a blue indicating gel that turns pink when desiccant has reached maximum capacity, needs to be replaced, and cannot be regenerated.

Model 07193-13 has Tyvek on both sides and may be regenerated in a 220°F oven and reused repeatedly. A relative humidity card is included in each pack to show when bags need to be regenerated.

Description	Dimensions	Catalog number	Price/pk of 40
Indicating sponge	3" x 3" x 1/4"	GH-07193-11	
Regenerable sponge	(7.6 x 7.6 x 0.6 cm)	GH-07193-13	

**Cole-Parmer®
Desiccant-Filled Plates**

No more bulk desiccant

Clear polystyrene plates let you visually inspect for color changes from blue to pink as it absorbs moisture. Regenerate desiccant by heating plates in a 122°F (50°C) oven overnight. Plates are individually sealed.



Description	Dimensions	Catalog number	Price/pk of 6
Desiccant plates	100 mm dia x 11 mm H 65 mm dia x 14 mm H	GH-07193-90 GH-07193-95	

Reusable Desiccant Canister

No more loose desiccant

The blue silica gel inside the canister absorbs moisture through perforations in the aluminum case. A window in the canister lets you know when desiccant needs regeneration—it turns pink when saturated. Regenerate in a 300°F (150°C) oven for three hours.



Description	Dimensions (W x H x D)	Catalog number	Price
Desiccant canister	2" x 4" x 1/2" (5.1 x 10.2 x 1.3 cm)	GH-07193-91	

Drierite® Desiccant Bags

Protect for months

- Reduces the humidity to a 100°F (38°C) dew point in 10 hours
- Materials packaged with these bags are protected from corrosion

These nonwoven crepe bags are filled with Drierite (anhydrous calcium sulfate) to completely dry the air within a package or container during shipment or storage. Bags are sturdy and held together by heat seals. Drierite bags perform well in elevated temperatures and will not release absorbed moisture at less than 350°F (177°C).



Bag volume	Vol. of moisture tight container		Dimensions	Bags/pk	Catalog number	Price
	Cu ft	Cu in.				
3 grams	0.13	228	2" x 3 3/4"	750	GH-07193-04	
6 grams	0.25	456	2" x 3 3/4"	750	GH-07193-06	
1 ounce	1.25	2160	3 3/4" x 4"	200	GH-07193-08	
2 ounces	2.5	4320	3 3/4" x 4 3/4"	400	GH-07193-16	
4 ounces	5	8640	3 3/4" x 6 1/4"	200	GH-07193-12	
8 ounces	10	17280	5 3/4" x 6 1/4"	100	GH-07193-14	