

Cor-Dry® Desiccant bag

Effective moisture protection for your products: Our Cor-Dry® desiccant bags reliably protect against damage caused by moisture such as corrosion or mold. By absorbing water, they ensure low humidity in the packaging during transportation or storage. Whether sensitive metal components, electronics, food or pharmaceuticals – Cor-Dry® desiccant bags extend the shelf life of your products.

In combination with our barrier films or Corpalin® VCI films, you can achieve maximum corrosion protection. This allows you to reliably protect your sensitive metal components even under demanding conditions and ensure that your products reach your customers in perfect condition.

APPLICATION EXAMPLES:

- Overseas transportation: Protection against corrosion and other damage to machines and spare parts during container shipment. Protection period in combination with TL film or aluminum composite film according to HPE packaging instructions up to 2 years.
- Electronics: Protection against moisture damage to circuit boards, sensors and other electronic components. Also available with ESD protection.
- Warm components: Perfect complement to VCI film when packing warm components to prevent corrosion in the first few hours. The desiccant bags prevent condensation from occurring while the VCI protection is still being applied.
- Long-term storage: In combination with VCI barrier films made of aluminum composite, desiccants can contribute to corrosion protection for long-term storage for up to 20 years.
- Food / pharmaceuticals: Prevention of mold growth or loss of quality.

FUNCTION:

Our Cor-Dry® desiccant bags contain the hygroscopic material bentonite, which can absorb and bind water molecules from the air. This reduces the relative humidity inside the packaging and protects your product from moisture damage. The material in the bag can absorb moisture up to a defined total weight without leaking or losing its function. The bags themselves are made of vapor-permeable and at the same time very tear-resistant wrapping materials. The effectiveness and capacity of our desiccant bags are tested in accordance with DIN 55473; one DIN unit absorbs 6 g of moisture at a relative humidity of 40% and 23°C.

ADVANTAGES:

- Approved according to HPE packaging guidelines
- DIN 55473 certified
- Monitoring with indicator cards or Herrmann windows

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PRODUCT VARIATIONS

- Cor-Dry desiccant bag according to DIN 55743 included
Bentonite & flowable coating
- Further desiccant variation options

INGREDIENTS	FILLING MATERIALS	FURTHER QUALITIES
Bentonite	NonWoven	ESD
Silica gel / food contact (FDA)	Tyvek ®	odor-absorbing
Activated carbon	Organic paper	

PROTECTED PRODUCTS

- Mechanical engineering
- Food / Beverages
- Export shipments
- Automotive
- Upholstered furniture

TECHNICAL DATA

HUMIDITY PROTECTION

Overseas transport after HPE 1 year with TL film, 2 years with aluminum composite film. Long-term storage in conjunction with VCI aluminum composite film up to 20 years possible, please contact your Corpac contact person for advice

DURABILITY

The shelf life in the original packaging under normal conditions (protected from direct sunlight and moisture) is 2 years. Check the humidity control card.

SUSTAINABILITY

BioPaper possible as FSC-certified organic waste material.
Bentonite is a natural product (clay).

UNIT	DIMENSION IN CM	WEIGHT (+/- 7 %)	MOISTURE ABSORPTION ACCORDING TO DIN	PIECE PER CARTON
32	35 x 14	1050 g	192 g	18
16	23 x 14	520 g	96 g	35
8	12 x 10	260 g	48 g	70
4	15 x 10	130 g	24 g	120
2	14 x 10	65 g	12 g	240
1	10 x 9	32,5 g	6 g	400
1/2	9 x 9	16,2 g	3 g	600
1/3	9 x 9	10,8 g	2 g	800
1/6	9 x 4	5,5 g	1 g	1000
Variant	varies	0,25 g – 5 g	varies	varies