

CAREDRY®

CF

ケアドライ®

CF

CAREDRY has high adsorption capacity at low humidity.

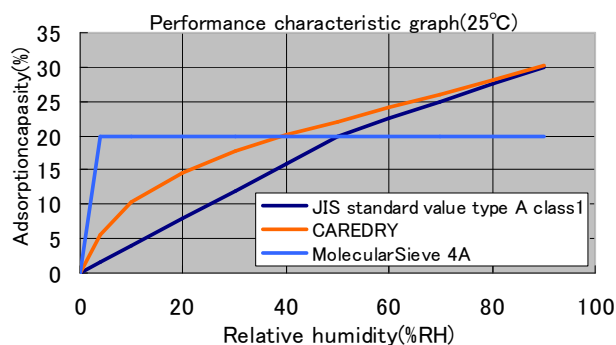
Packaging material is made of multiple nonwoven, meets MIL-D-3464E(U.S.Militally Standard) for non-dusting, and meet JEDEC J-STD-033D standard.

High Performance

Montmorillonite clay mineral is a layered substance of silica-alumina. Moisture is physically absorbed between the layers. The laminar structure of CAREDRY's clay is well growing, CAREDRY shows high adsorption capacity at low humidity by comparison with silicagel or other clay desiccants. Made from natural minerals, CAREDRY is an environment-friendly desiccant.

Comparison with standard value JIS Z 0701 Desiccants for Packaging

Items		CAREDRY	Molecular Sieve 4A	SILICAGEL JIS Standard
Adsorption capacity	20%RH	14.5%	19.2%	8%
	50%RH	21.5%	20.2%	20%
Moisture		under 1%	under 1.5%	under 2%
PH value		7~8	9~10	4~8
Specific resistance ($\Omega \cdot \text{cm}$)		over 13,000	1000~8000	over 3,000



Specification class list (CF series)

CARE DRY's bag is made of tough nonwoven cloth that is able to endure hard handling as like the export packaging and preservation of heavy load, etc. As a dust-free desiccant, it meets MIL-D-3464E(U.S.Militally Standard) type II.

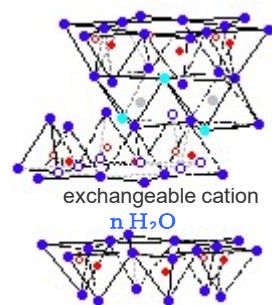
Class	Weight(g)	Quantity(pcs)	size(mm)
CF 10	10	1000	75 × 60
CF 20	20	600	75 × 80
CF 30	30	400	110 × 80
CF 50	50	300	110 × 100
CF100	100	160	150 × 87
CF200	200	90	150 × 152
CF300	300	60	200 × 152
CF500	500	35	230 × 152
CF1K	1,000	18	290 × 152

Fine Safety

The raw material of CAREDRY is a hydrated compound of sodium, calcium, and silica-alumina. It is quite stable chemically. It is not deliquescent and no change of configuration by adsorption. CAREDRY is naturally occurring substance, and doesn't contain environment management material. It meets RoHS standards.

Chemical composition

items	wt. %
SiO ₂	61.4
Al ₂ O ₃	19.3
MgO	4.6
CaO	4.0
Fe ₂ O ₃	5.0
K ₂ O	0.2
lg. loss and bonding water	5.4



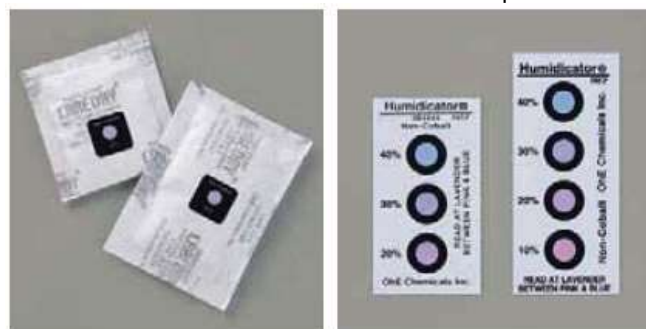
※Above is standard values, not guaranteed.

●O₂ ●OH ●Al, Fe, Mg ●Si(Al)
Montmorillonite clay crystal structure

CAREDRY is classified as Generally Recognized As Safe Desiccant (GRAS/Generally Recognized As Safe) by the FDA. It is not dangerous to the human body even if it should be ingested by mistake.

Humidity Indicator Label & Card

Humidity indicator card makes it easy to measure the inside humidity of packaging. There are three types, three-spot card (20-30-40%RH), four-spot card (10-20-30-40%RH) and a label type (30%RH) attached to the desiccant's surface. Please ask to our sales staff for details of these products.



Quality Maintaining

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Please note that the specifications and design s may change without notice.