Corona Bag

Type D



Today, type D bags have become more familiar to the groundable bag users, as a challenging alternative for Type C bags.

The usage of Type D bags are much more practical than the groundable bags and they avoid operator errors. The special construction of the Type D fabric eliminates the need of an earth connection during the filling and discharging of materials. Crohmiq® fabric was invented by Linq Industries and was the first true Type D fabric to appear on the market in the early 1990's. The fabric was developed to cover a growing need for an ungrounded static protective solution for bulk packaging. Due to its reputable safety record, as of today, over 500 leading companies worldwide prefer FIBCs made of Crohmiq® fabric for their static bulk bag packaging requirements.

Cesur Packaging is proud to become the first manufacturer awarded a licence to produce the patented Crohmiq® fabric from Linq Industrial Fabrics.













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Corona Bag / Type D

Why type D?

- Unlike Type C FIBC's, Type D FIBC's do not require grounding.
- Can be used for the transportation of flammable powders, or when flammable solvents or gases are
 present around the FIBC.
- It provides safety equal to a grounded Type C FIBC without the human error risk factor.
- Type D fabric permits the dissipation of the charges in to the atmosphere by corona discharge.
- A corona discharge is one form of an electrostatic discharge with a low energy, unlike sparks or brush discharges, it does not give way to ignition of flammable or explosive atmospheres.

Why Crohmiq?

- Only CROHMIQ®'s patented technology provides a level of safety equal to a properly grounded Type C FIBC, but
 without the risks of human error. For these reasons, leading global companies continue to switch from Type C
 FIBC to the optimum safety of CROHMIQ® FIBC.
- CROHMIQ®'s properties are permanent, therefore, its static dissipative performance does not decay with time nor
 wash off during wet reconditioning processes as many pseudo Type D FIBC's do.
- CROHMIQ[®] fabric is FDA compliant.
- Internationally recognized as the leading Type D static protective FIBC fabric.
- It is the only Type D fabric that will comply to the IEC61340 4 4: 2005 standards.

Warnings:

If the surface of the Type D FIBC is contaminated or coated by any conductive material (such as water, oil etc) then spark discharges may occur.

Therefore

- Precautions should be taken in order to prevent the surface contamination.
- No conductive object (such as metal items and tools) should be placed on the FIBC.
- All conductors in the presence of flammable or explosive atmospheres should be grounded.

Safe Use of Different FIBC Types

Product Inside FIBC	Atmosphere Surrounding FIBC		
	Non-Flammable Atmosphere	Explosive Dust Atmosphere	Explosive Gas or Vapour
Non-Flammable	ABCD	вср	C D
MIE > 1000 mJ			
MIE 3 mJ to 1000 mJ	BCD	BCD	C D
MIE < 3 mJ	C D	C D	C D