





# 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 MIE > 1000 mJ	A B C D	B C D	C D
MIE 3 mJ to 1000 mJ	B C D	B C D	C D
MIE < 3 mJ	C D	C D	C D