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 be the first manufacturer awarded a licence to produce the patented Crohmiq fabric from Linq Industrial Fabrics.
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 into 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.

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### Safe Use of Different FIBC Types

<table>
<thead>
<tr>
<th>Product Inside FIBC</th>
<th>Non-Flammable Atmosphere</th>
<th>Explosive Dust Atmosphere</th>
<th>Explosive Gas or Vapour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Flammable MIE &gt; 1000 mJ</td>
<td>A B C D</td>
<td>B C D</td>
<td>C D</td>
</tr>
<tr>
<td>MIE 3 mJ to 1000 mJ</td>
<td>B C D</td>
<td>B C D</td>
<td>C D</td>
</tr>
<tr>
<td>MIE &lt; 3 mJ</td>
<td>C D</td>
<td>C D</td>
<td>C D</td>
</tr>
</tbody>
</table>