

Minimum Ignition Energy (MIE) of the product carried in the FIBC	Surrounding Environment		
	Non-flammable environment	Dust Zone 21-22 with an MIE between 1000mJ and 3mJ	Gas Zones 1-2 or Dust Zones 21-22 with an MIE less than 3mJ
More than 1000mJ	A, B, C, D	B, C, D	C, D
Between 1000mJ and 3mJ	B, C, D	B, C, D	C, D
Less than 3mJ	C, D	C, D	C, D

## Type A FIBCs

These do not have any anti-static mitigating controls and are used to carry materials that are not combustible and when the filled FIBC is stored in an environment where combustible or flammable materials are not present.

## Type B FIBCs

These have no physical anti-static controls but employ a specialised fabric that is resistant to conducting electricity. These FIBCs can be used to store and transport combustible materials, but should only be used in environments that do not contain flammable gases.

## Type C FIBCs

These employ specialised fabric that can conduct electricity and have a connection point so that the FIBC can be grounded at all times. This ensures that any static electricity that does build up and can be dissipated immediately.

## Type D FIBCs

These utilise an advanced fabric that is able to dissipate any static electricity generated without having to ground the FIBC.



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