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Why Dry Break Couplings are Essential for a Stronger Hose Connection? by [Julia Roger](#)

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Hosepipes are widely used for various kinds of applications ranging from domestic ones to the commercial purposes. Not only for industrial and farm applications, these pipes are utilized for chemical industries as well as agricultural applications. While using hoses for petro-chemical products you might experience the problem of spillage sometimes while connecting the flow lines. Connection and disconnection of flow lines repeatedly can cause spillage of petroleum, which needs to be prevented. A device that is used to solve the problem is known as dry break coupling.

Creating obstruction for spillage thus, this dry break coupling ensures a strong hose connection for the system.

Apart from the utility factors described above, you will find many other remarkable features of this type of coupling. Because of the same, people have started using dry break couplings for many other applications as well. The list includes the name of food industries, healthcare and pharmaceuticals, biotechnology and many more. Among all the features flow-shut mechanism is the one should be described specifically. It is because of this mechanism this coupling possesses so many excellent functional abilities. With the help of this mechanism coupling is sealed off automatically. Hence, the hoses remain connected and loss of fluid is strictly stopped in this way.

Running an industrial organization is not a matter that can be taken lightly. Besides keeping an eye at the profit and loss, revenue and outcome of the business few other things also dry break couplings to be taken care of. For example “ it is your responsibility to take certain safety measures for the sake of the workers so that no malfunction can result in a dreadful accident. Cleanliness and environment safety are the two essential parts of a factory dealing with petro-chemicals and biochemical products. In order to ensure safety uses of couplings thus become highly significant.

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