

BFM® Double Connector

To safe guard the workplace from a flexible connector failure.

When handling certain toxic or dangerous materials, BFM® recommends using a double connector system. This means that in the event of the main product contact connector wearing out or failing, the product is confined by the outside connector, and the internal failure is visible to operators allowing for the failure to be rectified safely using proper controls.

This system is also beneficial for handling combustible dusts in ATEX/ IECEx/Explosive environments. By adding a second connector external to the inner connector, you can isolate a potential explosion hazard zone which could exist in the event of connector failure and reduce compliance costs on surrounding electrical and mechanical equipment.



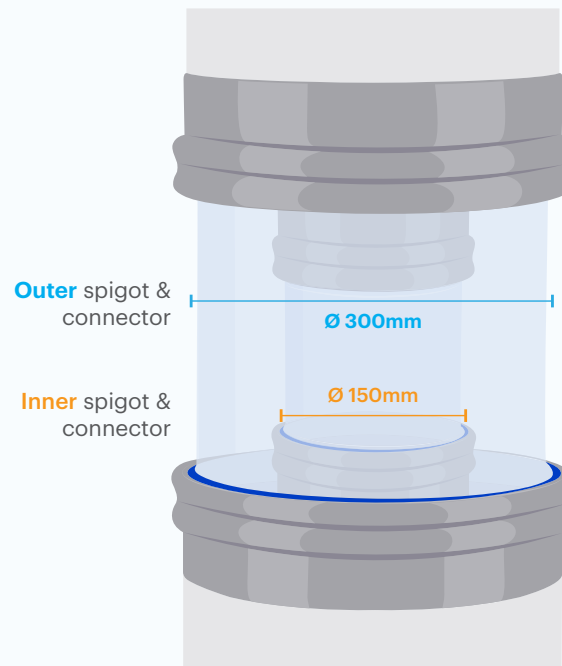
Installation:

A minimum gap of 75mm is recommended around all sides of the inner connector, to allow the outer connector to be fitted and removed easily. Therefore, if the inner connector is concentrically positioned, the outer connector diameter should be at least 150mm larger than the inner connector diameter.



Example 1:

A product Connector of Ø 150mm will require an outer Ø 300mm spigot and connector



Example 2:

A product connector of Ø 200mm will require an outer Ø 350mm spigot and connector

