

Product & Application Enquiry

Company Name: Country:

Street Address: City: Postcode:

Contact Person: Email:

Phone (office): Phone (mobile):

Quotation Instruction:

Additional Information:

Details of Application

Brief description of process/machine:

Description of materials being handled:

Processing Temperature: °C Temperature at point of BFM® fitting: °C

Possible Chemical attack: (Tick as applicable and if available, note pH)

<input type="radio"/> ACID <input type="text"/> pH	<input type="radio"/> CAUSTIC <input type="text"/> pH	<input type="radio"/> BASIC <input type="text"/> pH	Solution (%): <input type="text"/>
--	---	---	------------------------------------

Description of cleaning/CIP process:

Fitting Requirements:

Food Grade: <input type="radio"/> YES <input type="radio"/> NO	
Breathable sleeve: <input type="radio"/> YES <input type="radio"/> NO	
Weighing application: <input type="radio"/> YES <input type="radio"/> NO	Batch Weight: <input type="text"/> kg (in Kilograms)
Pressure in pipework: <input type="text"/> PSI	Vacuum in pipework: <input type="text"/> PSI
Tool release version: <input type="radio"/> YES <input type="radio"/> NO	Pipework Offset: <input type="text"/> mm (Offset in mm)

Type of Movement: Vibrating Oscillating

Amount of Movement: Total mm: (Horizontal/Left to right) mm Total mm: (Vertical/Top to bottom) mm

Description of Vibrating or Oscillating Equipment:

ATEX:
BFM® Seeflex 040E is tested for all dust zones and is also IBExU certified for flammable gas zones IIA - more information is available on the BFM® 'Declaration of Compliance - ATEX'. Before using BFM® applications we strongly recommend undertaking a risk assesment under DSEAR (ATEX 137). BFM® recommends the use of an earthing strap.

SPECIALS:
Please provide exact measurements of the pipework. Accurate measurement sketches or drawings ensure that quotations can be supplied very accurately. Photos of the application, machinery/equipment and more extensive descriptions are also helpful to avoid misunderstandings regarding product recommendations and technical details for specials.

[Form continues >>](#)

Additional Information

BFM® STANDARD SIZES AND SPECIALS

BFM® spigots and fittings/connectors are available in standard sizes as indicated in the tables below. NON-STANDARD sizes and SPECIALS are available to order.

BFM® SPIGOT STANDARD SIZES - Diameter Ø in mm Tick required

100*	125	150	200	250	300	350	400	450	500	550	600	650
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(* Ø measured on the inside (ID) - all other sizes Ø is measured on the outside (OD))

OPTIONS FOR YOUR APPLICATION (Diameter Ø in mm)

PARALLEL (2x): (mm) - Top & bottom

CONICAL (1x): (mm) - Top (1x)
 (mm) - Bottom (1x)

MATERIAL OPTIONS FOR SPIGOTS (Tick required)

Stainless Steel 304L Stainless Steel 316L

BFM® Fitting - Flexible Connector

(Diameter Ø in mm)

PARALLEL: (mm) - Top & bottom
 (mm) - Length
 (for parallel + conical)

CONICAL: (mm) - Top
 (mm) - Bottom

MATERIAL OPTIONS (Tick required)

Seeflex 040E Seeflex 060ES Teflex (PTFE)
 Seeflex 020E LM4 (Polyester) Teflex NP (Non-Permeable)
 Seeflex 040AS LM3 (Polypropylene) FM1 (Breather Bag)

Other Material:

Kevlar Cover: Yes No
 Black-out Cover: Yes No

Additional comments/information:

EMAIL FORM TO BFM GLOBAL ▶

Completed the form?
 Please email the filled-in Questionnaire to
sales@airlockintl.co.id

NOT SURE WHAT MEASUREMENT YOU NEED?
 If you need extra information on measuring for the right connector, refer to the following page, or the bfmfitting.com website.

Measuring And Installation Tips

The BFM® fitting consists of a flexible connector and two spigots. You can choose from a range of materials to suit your application - our most popular material is the Seeflex 040E (transparent 0.9mm polyurethane). Please visit www.bfmfitting.com for the full range of materials available.

Choosing the correct diameter

We recommend you use a connector with a slightly larger diameter compared to the pipe diameter above and below it. This will minimise contact between the product flowing through and the connector wall reducing abrasion and soiling of the BFM® connector.

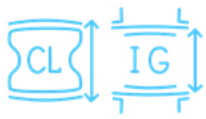


BFM® fittings are available in the following diameters:

100mm (4"), 125mm (5"), 150mm (6") up to 1,650mm (65") (in 50mm (2") increments) *

Maximum Lengths for Larger Diameter Connectors:

500mm (20") max. for Ø Between 700mm (27 1/2") and 1,000mm (40")
200mm (8") max. for Ø Larger than 1,050mm (41")



Choosing the connector length & Installation Gap (IG)

BFM® fitting connector lengths start at 80mm (3"), then go from 100mm (4") through to 6m (19ft 8") in 50mm (2") increments.*

The length of connector you choose will largely depend on the **total space (TS)** you have available to install your connector.

For static/vibratory applications that don't require frequent changes, any length is fine provided the correct Installation Gap is used. We usually recommend installing the longest possible connector for most other applications, and for those with large movements (such as gyratory equipment), a minimum of around 300mm (12") is best.

Download the BFM® IG Calculator from BFMfitting.com or contact your local BFM® Distributor for help.



The **installation gap (IG)** is the space to leave between the BFM® spigots. This always needs to be slightly shorter than the connector length (CL).

As a general rule, **for in-line connectors that have little (vibratory) or no movement**, you can position the spigots at a distance of approx. 10 mm (25/64") less than the connector length.

If the installation gap is too big, the connector will be stretched and difficult to install and remove from the spigot. The seal may also not be 100% dust tight anymore and service life will be compromised. If it is too small, the connector may have excessive creases, creating more product contact.



Installation gap too small

Installation gap optimal

Installation gap too large

If you have limited space to install the optimum connector length, you may need to cut the BFM® spigots down to ensure the appropriate installation gap.

The standard total spigot length is 89mm (3 1/2"), but the tail of these can be cut right down so the total length is a minimum of 37mm (1 1/2") if necessary (*ensure extreme care is taken and use a heat-sink to avoid distortion of the spigot when welding*).

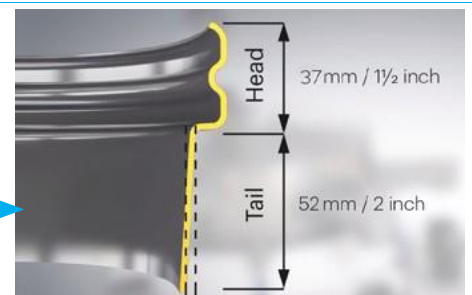
X: Length to be deducted from CL to ensure enough space to install and remove, and for sufficient flexibility of the connector (min. of 10 mm (25/64") for in-line with little or no movement). If the spigots are installed off-set, or if large movements are to be expected, 'X' will be more).

CL: Connector Length - the length of the flexible, transparent part of the connector (between the cuffs). Standard lengths e.g. 100, 150, 200, 250 mm.

IG: Installation Gap - the distance in between both spigot ends - always slightly smaller than CL.

TS: Total space available between the two pipe ends that need to be connected.

A: Length of the upper & lower spigot tails; standard length is 52 mm (23/64") but may be shortened right down to the base of the head to 37mm (1 1/2") if needed (provided a heat sink and extreme care is used to avoid distortion of the spigot during welding).



For more information or help with realigning your pipes or cutting spigots, please visit the BFM® fitting website or contact your BFM® Distributor.