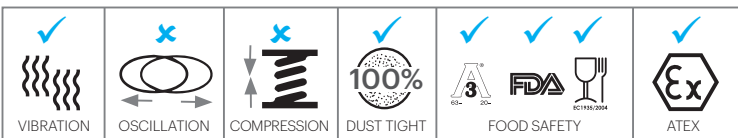




Weighing Bellows

- The patented BFM® Weighing Bellows is made from our clear ether-based thermoplastic polyurethane alloy.
- The shape of the Weighing Bellows is ideal for preventing vibration transmission between equipment, minimising any transfer that can affect weighing or scales downstream.
- Highly durable material that will not tear during installation or operation unlike the silicone counterpart.
- No tools are required for installation or operating - this prevents common issues experienced with other weighing bellows where operators use screwdrivers or clamps which can cut the connector or fall into the downstream equipment.
- Spigot and blue-band connector fitting system ensure exact height every time, eliminating manual adjustments to maintain weighing accuracy.



PHYSICAL PROPERTIES:

Surface Finish	Gloss/Gloss
Hardness (Shore A)	90
Wall Thickness (+/- 10%)	
Base Sections	0.9 mm / 1/32 inch
Formed Profile	0.35 mm / 1/64 inch (approx.)
Operating Temp Range	-25 to 80°C -13 to 176°F
Max. Surge Temp	100°C / 212°F
Low Temp Flexibility	Good
Surface Resistivity (Ohms) <small>(Tested to ASTM D-257)</small>	10 ¹⁰
100% Modulus (Mpa)	8.0
300% Modulus (Mpa)	15.6
Air Permeability	0

AVAILABLE SIZES:

Diameter	Ø100mm (4"), Ø150mm (6") Ø200mm (8")
Length	80mm (3 1/2")

COMPLIANCE:

Atex Compliant: IBExU tested. Can be used in all dust explosion hazardous areas (restrictions apply).

Complies with the following regulations:
FDA 21 CFR 177.1680 & 177.2600, USDA, (EC) 1935/2004, 2023-2006 & 10/2011.

Manufactured from 3A 20-27 certified Seeflex Material and the BFM® cuff and spigot system is a 3A certified 63-04 sanitary fitting.

NOTE: Spigots for the Weighing Bellows must be welded exactly 80mm (3 1/2") apart to ensure optimum performance and accuracy.