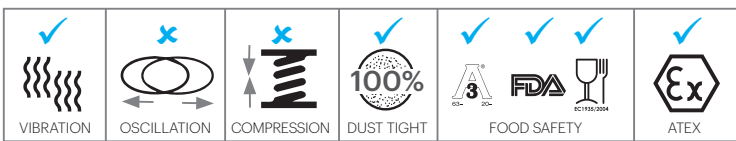


# Weighing Bellows

- 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) <i>(Tested to ASTM D-257)</i>	10 <sup>10</sup>
100% Modulus (Mpa)	8.0
300% Modulus (Mpa)	15.6
Air Permeability	0

## AVAILABLE SIZES:

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

## 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 1/8") apart to ensure optimum performance and accuracy.*