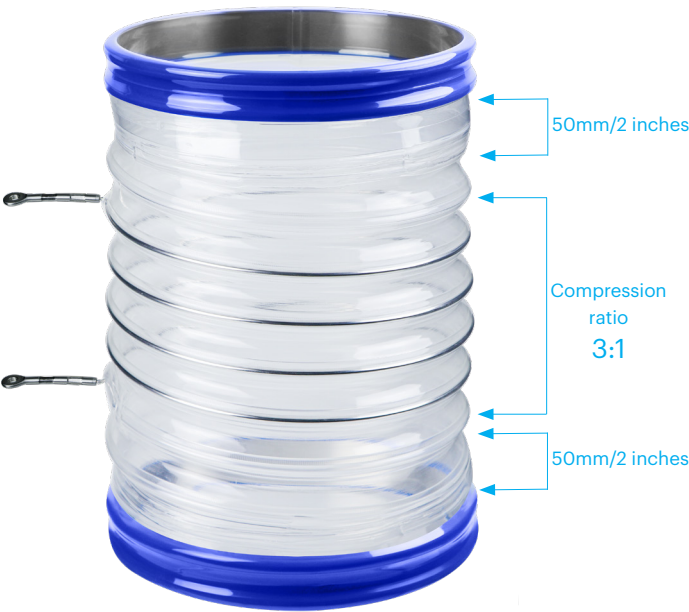


# Flexi-Earthed Connector

- The Flexi-Earthed connector is made from our Seeflex material, an ether based polyurethane, with an encased T316 stainless steel wire coil that has terminal lugs at each end.
- Terminal lugs are designed to be attached to earthing cables at each end to provide maximum safety.
- Ideal for bag feeders, filling heads or bulk bag fillers.
- CIP safe, excellent microbial resistance.
- Very flexible & lightweight, tight bend radius.
- High mechanical strength & good hydrolytic stability.



FLEXI-EARTHED TERMINAL LUGS:



## PHYSICAL PROPERTIES:

|                                             |                            |
|---------------------------------------------|----------------------------|
| Surface Finish                              | Gloss/Gloss                |
| Wall Thickness                              |                            |
| (Ø100mm – 200mm)                            | 0.60mm                     |
| (Ø6" - 8")                                  | 1/32 "                     |
| (Ø250mm – 350mm)                            | 0.70mm                     |
| (Ø10 - 12")                                 | 1/32 "                     |
| Tensile Strength (MPa)                      | 34                         |
| Temp Range                                  | -20 to 85°C<br>-4 to 185°F |
| Tear Strength (N/mm)                        | 96                         |
| Wire Coil Diameter                          | 2.6mm / 1/16 "             |
| Wire Coil Position                          | 50mm / 2" from cuff        |
| Compression Ratio of Coil Section (Approx.) | 3:1                        |
| Permeability                                | 0                          |

## AVAILABLE SIZES: (In 50mm (2") increments)

|          |                                     |
|----------|-------------------------------------|
| Diameter | Ø100mm - 350mm<br>(Ø4" - 14")       |
| Length   | 250mm - 6,000mm<br>(10" to 19ft 8") |

(Size range is in mm, so inch conversions are approximate only.)

## 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, 175.105 (adhesives) & 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.