

# Flexi-Earthed Connector

- The flexi-earthed connector is made from an ether based polyurethane with a T316 stainless steel wire coil and 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



## Physical Properties

Surface Finish	Gloss/Gloss
Available Diameters	(mm) 100, 150, 200, 250 & 300
	(inches) 4, 6, 8, 10, 12
Wall Thickness	(100 – 200mm Dia) 0.60mm
	(6 - 8 inch Dia) 1/32 inch
	(250 – 300mm Dia) 0.70mm
	(10 - 12 inch Dia) 1/32 inch
Tensile Strength (MPa)	34
Temp Range	-20 to 85°C
	-4 to 185°F
Tear Strength (N/mm)	96
Wire Coil Diameter	2.6mm / 1/64 inch
Wire Coil Position	50mm / 2 inches from cuff
Compression Ratio of Coil Section (Approx.)	3:1
Permeability	0

If earthed correctly at both ends, Flexi-Earthed has ATEX rating of up to 3m for freefall transportation in all Dust-Ex zones.

Complies with:

FDA CFR 177.1680, 21 CFR 175.105 (adhesives) and 177.2600, (EC) 1935/2004, 2023–2006, 10/2011 USDA & 3A (20–27).