

# LeDetic™ Feeding Bag

LeDetic™ feeding bags are manufactured from LePure's proprietary film, which is an electrostatic dissipative (ESD) grade material suitable for powder feeding. LeDetic™ films are designed for powder applications, with low residue rates and anti-static properties to ensure the desired results. The LeDetic™ film is designed to be used as a drop bag for quick and easy connection to existing processes.



## Typical applications

In the production process of biological products, it is mainly used for transferring, weighing and feeding powdered materials.

## Product Features

- Permanent electrostatic dissipative properties, increased powder recovery and reduced risks caused by static electricity
- Full product design to bring you a different loading and feeding experience
- Flexible size customization for all weight feeding needs

## Advantage

- A variety of sizes are available to meet the needs of different sizes of powder handling capacity
- Select permanent antistatic LeDetic™ films designed for powder feeding
- Powder transfer rate of more than 99.9%
- The highly transparent film allows the operator to see the powder transfer situation at a glance without damaging the protectiveness

## Technical specification

### Physical Parameters

Testing Standards	Test Items	Test Results
ASTM-D6988	Film thickness test (μm)	Pass
ASTM-882	Tensile strength MD (Mpa)	Pass
ASTM-882	Tensile strength TD (Mpa)	Pass
ASTM-F1306	Puncture strength (N)	Pass
ASTM-D1709	Falling dart impact (J)	Pass
ASTM-F392	Kneading line energy (pcs)	Pass
ASTM-D257	Surface resistivity (inner surface)	Pass
ASTM-D257	Surface resistivity (outer surface)	Pass

**Biocompatibility**

Testing Standards	Test Items	Test Results
USP<87>	In vitro biological response	Pass
USP<88>ClassVI	In vivo biological response	Pass
USP<661>	Physical and chemical properties testing of plastics	Pass
USP<85>	Bacterial endotoxins	Pass

**Performance Testing**

Testing Standards	Test Items	Test Results
Internal company standards	Temperature Tolerance	Pass
Internal company standards	Suspension test	Pass
ASTM F88	Heat seal strength test	Pass

**Ordering information****LeDetic™ Feeding bag**

Product No.	Volume (L)	Description	Package
FN0500-5D	0.5	500ml powder bag	10 pcs/pack, double-layer package
FN001-5D	1	4"Tri-clamp feeding port; barrel-shaped feeding bag	1 pcs/pack, double-layer package
FN005-5D	5		1 pcs/pack, double-layer package
FN010-5D	10		1 pcs/pack, double-layer package
FN025-5D	25		1 pcs/pack, double-layer package
FN050-5D	50		1 pcs/pack, double-layer package
FN100-5D	100		1 pcs/pack, double-layer package
FN001-6D	1		4"Tri-clamp feeding port; barrel-shaped feeding bag; 3/8"×5/8" silicone tube 20cm, CPC female quick connect + male cap
FN005-6D	5	1 pcs/pack, double-layer package	
FN010-6D	10	1 pcs/pack, double-layer package	
FN025-6D	25	1 pcs/pack, double-layer package	
FN050-6D	50	1 pcs/pack, double-layer package	
FN100-6D	100	1 pcs/pack, double-layer package	
FN001-7D	1	3"Tri-clamp feeding port; barrel-shaped feeding bag	
FN005-7D	5		1 pcs/pack, double-layer package
FN010-7D	10		1 pcs/pack, double-layer package
FN025-7D	25		1 pcs/pack, double-layer package
FN050-7D	50		1 pcs/pack, double-layer package
FN100-7D	100		1 pcs/pack, double-layer package
FN001-8D	1		3"Tri-clamp feeding port; barrel-shaped feeding bag; 3/8"×5/8" silicone tube 20cm, CPC female quick connect + male cap
FN005-8D	5	1 pcs/pack, double-layer package	
FN010-8D	10	1 pcs/pack, double-layer package	
FN025-8D	25	1 pcs/pack, double-layer package	
FN050-8D	50	1 pcs/pack, double-layer package	
FN100-8D	100	1 pcs/pack, double-layer package	