KEOFITT® STERILE SAMPLING BAG™ 500 ML (PAT.PEND.)

DATASHEET 110500

GENERAL

The Keofitt Sterile Sampling Bag is a sterile, pre-irradiated product supplied in a sealed PE-bag. The product is to be removed from its sterile bag immediately before use.
The sterile condition enables the user to extract a truly representative sterile sample from a liquid process line sampling point in a convenient way.
The Keofitt Sterile Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design.

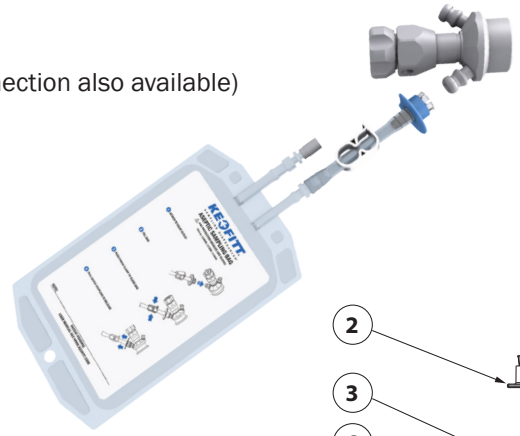
The Sterile Sampling Bag is intended for collecting and easy storage of samples from true sterile samples for microbiological and chemical analysis.

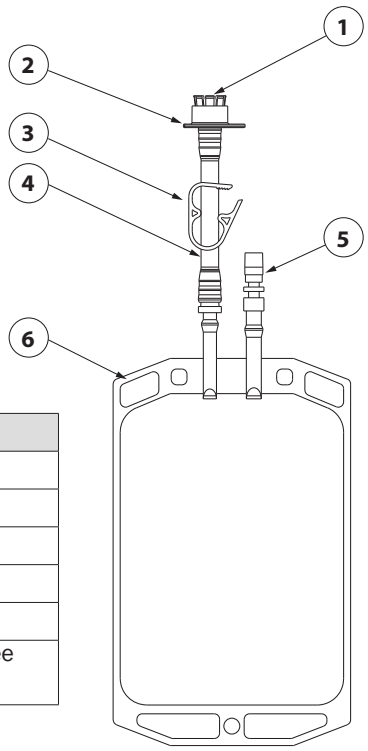
The Sterile Sampling Bag is a single use product.

The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm in diameter.

FEATURES

- Single Use product
- Pre-irradiated in sealed bag
- Keofitt W9 quick connect (mini sanitary clamp connection also available)
- Pinch clamp to seal sample in bag
- Luer lock and septum for injection and sampling





TECHNICAL DATA

SAMPLING/FILLING:

Bag is not designed for pressurized sampling.
Fill bag without pressure and do **NOT** fill bag beyond nominal volume!

SAMPLE TEMPERATURE:

- 2°- 60°C / 35°- 140°F

SAMPLE STORAGE:

- Sampling bags can be stored in freezer provided it is placed in a suitable supporting tray. Min. temperature -30°C / -22°F

NET WEIGHT

- Kg/lb 0,02 / 0,04

Pos.	Part Name	Material
1	Tube fitting	PC
2	Quick coupling ring	PP
3	Pinch Clamp	PP
4	Tube	Silicone
5	Luer Lock	ABS/PE
6	Sampling Bag	178 µm co-extruded laminated LLDPE/EVOH/PA for high barrier properties. See page 2 for further information.

KEOFITT®
WORLD LEADERS IN STERILE SAMPLING™

FILM CHARACTERISTICS

PL-01077

POLYETHYLENE SINGLE USE CONTAINER

PL-01077 is a 5 layer 7 mil/ 178 µm co-extrusion film which provides barrier and durability. Utilized on smaller bag sizes up to 1 Liter it maintains comparable, extra values to larger PE bags.

PL-01077	mil	µm
LLDPE	3.4	87
Tie	0.7	18
EVOH	0.6	15
Tie	1.3	33
Nylon	1.0	25

BIOCOMPATIBILITY

USP Acute Systemic Injection Test	Pass	USP <88>
USP Intracutaneous Injection Test	Pass	USP <88>
USP Intramuscular Implantation Test	Pass	USP <88>
USP MEM Elution Method	Non Cytotoxic	USP <87>
Physiochemical Test for Plastics	Pass	USP <661>

PHYSICAL DATA

Water Vapor Transmission Rate (g/100in^2/24hrs)	0.044	ASTM F-1249
Carbon Dioxide Transmission Rate (cc/100in^2/24hrs)	0.145	ASTM F-2476
Oxygen Transmission Rate (cc/100in^2/24hrs)	0.278	ASTM D-3985

	Average Force	Average MOE	Average Elongation	
Tensile	13.98 kg	3565 bar	611%	ASTM D 882-02
	30.79 lbs	51670 psi		
	Min force	Average Force	Max Force	
Tear Resistance	2.21 kg	2.36 kg	2.47 kg	ASTM D1004-07
	4.86 lbs	5.20 lbs	5.45 lbs	
Puncture Resistance	6.31 kg	6.94 kg	7.77 kg	FTMS 101C
	13.89 lbs	15.29 lbs	17.12 lbs	

This film is Class VI, non-animal origin, and is supported by a complete testing/documentation package.

Advanced Scientifics is an FDA registered, ISO 13485:2003 certified manufacturer.
800-724-4158 or 717-692-2104
www.advancedscientifics.com