

▶ STORAGE SOLUTION - 3D

XELTA 3D

3D Storage bags from 100L to 1000L



The XELTA3D bags are designed for large-scale applications where systems are required to be reliable, flexible and easy to install. Manufactured from premium film Validated for use in the Biopharmaceutical and Pharmaceutical manufacturing processes. The XELTA3D bags bring together state-of-the-art design features that improve the robustness of single-use systems. This brings considerable advantages in terms of ease of use and product recovery when dealing with large fluid volumes.

The XELTA3D bags are available in various types and specifications from 100L, 200L, 500L and 1000L and can be used independently for storage of buffer, media, intermediate, or drug substance, or used with a sterilizing filter.

XELTA 3D bags have been designed for safe processing and storage of a wide range of biopharmaceutical liquids in a variety of applications such as:

- Storage and transport of buffer and media
- Transport of cell harvest suspension
- Purified component collection
- Appropriate liquid-liquid mixing process
- Storage and transport of drug substance

Offering

The XELTA 3D bags allows user to order a wide range of configurations. Choose from wide range of connectors, tubing, clamps, etc from any supplier for configuring the bags as per process requirements.

The XELTA 3D bags are designed, developed and manufactured in accordance with ISO 9001:2015 certified Quality Management System. They undergo extensive testing before shipping. We make sure our products are manufactured according to cGMP and are suitable for cleanroom process.

Compliance:

The following tests are conducted for Pharmacopoeia compliance and Bio-compatibility.

- USP <85> Bacterial Endotoxins – LAL test
- USP <87> Biological Reactivity Test in-vitro
- USP <88> Biological reactivity testing, in-vivo, Class VI European Pharmacopoeia tests 3.1.5
- USP <661.1> Polyethylene Physiochemical Tests, Extractable Metals, Plastic Additives.

Film Properties:

- The film used in XELTA 3D bags is specialized for biopharmaceutical and pharmaceutical processes.
- Thickness of the film is 0.325mm
- The recommended sterilization method is Gamma Irradiation. The dose for gamma sterilization is 25-50 KGy
- Good resistance to many chemicals
- Good resistance to polar solvents (alcohols, esters, etc)
- Water pH compatibility - 2.5 to 11
- Clarity - ASTM D-1003
- Tensile Strength at break - ASTM D-882
- O2 permeability - ASTM D-3985
- CO2 permeability - ASTM F-2476





Ordering Information XELTA 3D:

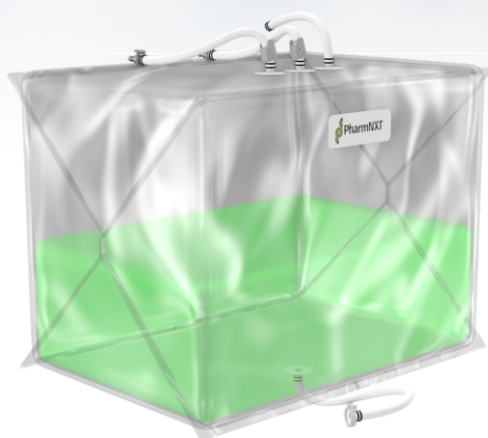
Sr. No.	Bag Size	Part No.	Location	Bottom Port	Top Port – 1	Top Port – 2	Sampling Port
1	100L	XLT3D-AA-A12	Size	1/2"	1/2"	1/2"	1/4"
2	200L	XLT3D-AB-A12	Tube Length	1000mm	1000mm	1000mm	500mm
3	500L	XLT3D-AC-A12	Tube Material	Silicone	Silicone	Silicone	TPE
4	1000L	XLT3D-AD-A12	End Connection	MPX Male	MPX Male	MPX Male	Needleless

Sr. No.	Bag Size	Part No.	Location	Bottom Port	Top Port – 1	Top Port – 2	Sampling Port
5	100L	XLT3D-AA-A14	Size	1/2"	1/2"	1/2"	1/2"
6	200L	XLT3D-AB-A14	Tube Length	1000mm	1000mm	1000mm	500mm
7	500L	XLT3D-AC-A14	Tube Material	Silicone	Silicone	Silicone	TPE
8	1000L	XLT3D-AD-A14	End Connection	AQG	MPX Male	MPX Male	Needleless

Sr. No.	Bag Size	Part No.	Location	Bottom Port	Top Port – 1	Top Port – 2	Sampling Port
9	100L	XLT3D-AA-A15	Size	1/2"	1/2"	1/2"	1/4"
10	200L	XLT3D-AB-A15	Tube Length	1000mm	1000mm	1000mm	500mm
11	500L	XLT3D-AC-A15	Tube Material	Silicone	Silicone	Silicone	TPE
12	1000L	XLT3D-AD-A15	End Connection	AQG	AQG	AQG	Needleless



XELTA 3D Variant



Specifications:

Sr. No.	Bag Size
01	100L
02	200L
03	500L
04	1000L



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