

► STORAGE SOLUTION - 2D

# XELTA 2D

2D Storage bags from 50ml to 50L



The XELTA2D bags have been designed for crucial applications where systems are required to be reliable, flexible, and easy to install. Manufactured from premium film and with a film thickness of 0.325mm the XELTA2D bags are validated for use in the biopharmaceutical and pharmaceutical manufacturing processes. The XELTA2D 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 biopharmaceutical fluids.

XELTA2D bags are available in wide range of sizes starting from 50ml, 100ml, 250ml, 500ml, 500ml, 1L, 2L, 5L, 10L, 20L and 50L.

XELTA 2D 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
- Filtering and storing of intermediates
- Storage and transport of drug substance Intermediate and final product sampling

### Offering

The XELTA 2D bags allows user to order a wide range of configurations. Choose from a wide range of connectors, tubing, clamps, etc from any supplier for configuring the bags as per process requirements.

The XELTA 2D 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 requirements and are suitable for clean room process.

### Compliance

The following tests are conducted for Pharmacopoeial 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 Physicochemical Tests, Extractable Metals, Plastic Additives

### Film Properties

- The film used in XELTA 2D 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 wide range of Pharmaceutical and Biopharmaceutical grade chemical.
- 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

### Support

PharmNXT supports users from the design to the execution phase of a new and existing production facility with the most comprehensive support program, that ensures the successful design, implementation and validation of the manufacturing facility. PharmNXT offers end-to-end solutions for Pharmaceutical, Biopharmaceutical and Vaccine manufacturing.



## Ordering Information

Sr. No.	Bag Size	Part No.	Location	Port 1	Port 2
1	50ml	XLT2D-BB-A12	<b>Size</b> <b>Tube Length</b> <b>Tube Material</b> <b>End Connection</b>	1/4"	1/4"
2	100ml	XLT2D-BC-A12		150mm	150mm
3	250ml	XLT2D-BD-A12		TPE	TPE
4	500ml	XLT2D-BE-A12		Luer lock Male	Luer lock Male
5	1L	XLT2D-BF-A12			

Sr. No.	Bag Size	Part No.	Location	Port 1	Port 2
6	50ml	XLT2D-BB-A13	<b>Size</b> <b>Tube Length</b> <b>Tube Material</b> <b>End Connection</b>	1/4"	1/4"
7	100ml	XLT2D-BC-A13		150mm	150mm
8	250ml	XLT2D-BD-A13		Silicone	Silicone
9	500ml	XLT2D-BE-A13		MPC	MPC
10	1L	XLT2D-BF-A13			

Sr. No.	Bag Size	Part No.	Location	Port 1	Port 2	Port 3	Port 4
11	2L	XLT2D-BG-A16	<b>Size</b> <b>Tube Length</b> <b>Tube Material</b> <b>End Connection</b>	3/8"	3/8"	3/8"	1/4"
12	5L	XLT2D-BH-A16		300mm	300mm	300mm	150mm
13	10L	XLT2D-BI-A16		Silicone	Silicone	Silicone	TPE
14	20L	XLT2D-BJ-A16		MPC	MPC	MPC	Luer lock Male
15	50L	XLT2D-BK-A16					

Sr. No.	Bag Size	Part No.	Location	Port 1	Port 2	Port 3	Port 4
16	2L	XLT2D-BG-A17	<b>Size</b> <b>Tube Length</b> <b>Tube Material</b> <b>End Connection</b>	3/8"	3/8"	3/8"	1/4"
17	5L	XLT2D-BH-A17		300mm	300mm	300mm	150mm
18	10L	XLT2D-BI-A17		Silicone	Silicone	Silicone	TPE
19	20L	XLT2D-BJ-A17		AQG	MPC	MPC	Luer lock Male
20	50L	XLT2D-BK-A17					



## XELTA 2D Variants



## Specifications:

Bag Size	Dimensions(L x W) mm
50 ml	100 X 140
100 ml	140 X 140
250 ml	200 X 140
500 ml	259 X 140
1000 ml	327 X 178
2000 ml	390 X 232
5 ltr	550 X 300
10 ltr	652 X 430
20 ltr	773 X 497
50 ltr	945 X 690



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