# **PharmNXT**

STORAGE SOLUTION - 2D

# XELTA 2D

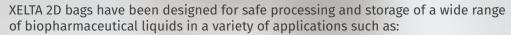
2D Storage bags from 50ml to 50L



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.



- 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 Biocompatibility.

- 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	Location	10101	10112
2	100ml	XLT2D-BC-A12	Size	1/4"	1/4"
3	250ml	XLT2D-BD-A12	Tube Length	150mm	150mm
4	500ml	XLT2D-BE-A12	Tube Material	TPE	TPE
5	1L	XLT2D-BF-A12	<b>End Connection</b>	Luer lock Male	Luer lock Male

Sr. No.	Bag Size	Part No.
6	50ml	XLT2D-BB-A13
7	100ml	XLT2D-BC-A13
8	250ml	XLT2D-BD-A13
9	500ml	XLT2D-BE-A13
10	1L	XLT2D-BF-A13

Location	Port 1	Port 2
Size	1/4"	1/4"
Tube Length	150mm	150mm
Tube Material	Silicone	Silicone
<b>End Connection</b>	MPC	MPC

Sr. No.	Bag Size	Part No.
11	2L	XLT2D-BG-A16
12	5L	XLT2D-BH-A16
13	10L	XLT2D-BI-A16
14	20L	XLT2D-BJ-A16
15	50L	XLT2D-BK-A16

Location	Port 1	Port 2	Port 3	Port 4
Size	3/8"	3/8"	3/8"	1/4"
Tube Length	300mm	300mm	300mm	150mm
Tube Material	Silicone	Silicone	Silicone	TPE
End Connection	MPC	MPC	MPC	Luer lock Male

Sr. No.	<b>Bag Size</b>	Part No.
16	2L	XLT2D-BG-A17
17	5L	XLT2D-BH-A17
18	10L	XLT2D-BI-A17
19	20L	XLT2D-BJ-A17
20	50L	XLT2D-BK-A17

Location	Port 1	Port 2	Port 3	Port 4
Size	3/8"	3/8"	3/8"	1/4"
<b>Tube Length</b>	300mm	300mm	300mm	150mm
Tube Material	Silicone	Silicone	Silicone	TPE
<b>End Connection</b>	AQG	MPC	MPC	Luer lock Male



#### **XELTA 2D Variants**



<b>Specifications</b>
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Bag Size	Dimensions(L x W)
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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