

**mdi AseptiLiner** 3D liners are specially designed for biopharmaceutical processes involving storage and transfer of process intermediates such as post centrifuge slurries and pellets. The easy to seal design using wire ties ensures leak proof storage and transfer.

### Applications

- > Preparation of media and buffers before filtration
- > Pooling process intermediate solutions
- > Waste collection from downstream purification processes

### Specifications

#### Materials of Construction

**Film FL-1** : Ultra Low Density Polyethylene (ULDPE)

#### Physical Properties of Film

##### Tensile Strength

>20 N/mm<sup>2</sup> when tested as per ASTM D-882

##### Elongation @ Break

>280% when tested as per ASTM D-882

##### Sterilization

Gamma Irradiated @25 kGy

##### Bacterial Endotoxin

Aqueous extracts exhibit < 0.125 EU/ml as established by Limulus Amebocyte Lysate (LAL) Test as per USP <85>

##### Extractables with WFI

Does not affect the quality of Water for injection (passes test as per USP)

##### Biosafety

Passes the Biological Reactivity Tests, *In Vivo* for Class VI plastics as described in USP <88>.

Passes the Biological Reactivity Tests, *In Vitro* for Cytotoxicity as described in USP <87>.

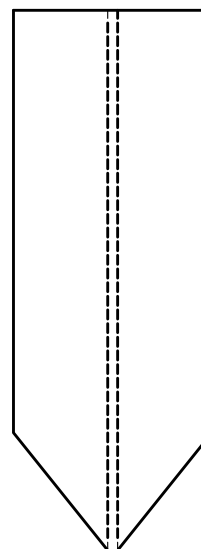
### Ordering Information (Pack of 10)

**for 50 L AseptiLiner** : AL13HXXXXXXXXS302

**for 100 L AseptiLiner** : AL14IXXXXXXXXS302

**for 200 L AseptiLiner** : AL15JXXXXXXXXS302

**for 500 L AseptiLiner** : AL16KXXXXXXXXS302



#### Fiber Release

Passes microscopic test for fibers

#### Particle Release

The filtrate complies with USP <788> test for particulate matter in injections

#### Bioburden

Bioburden level is < 1000 cfu/liner as per ANSI/AAMI/ISO 117371:1995

#### Dimensions

AseptiLiner Volume	Drum Size	
	Diameter	Depth
<b>50 Litre</b>	43 cm	46.5 cm
<b>100 Litre</b>	51 cm	63.5 cm
<b>200 Litre</b>	59 cm	91 cm
<b>500 Litre</b>	79 cm	126 cm