



## **Aseptic Bag Filling Guideline**

Aseptic liquid liners for Intermediate Bulk Containers come in various sizes. The most common and cost effective bag being the 1,000 liter 81”x 85” bag. The Arena 330 Shipper has a capacity of 1,250 liters. To maximize fill volume, a slightly larger bag would be required. With the 81” x 85” bag being somewhat of a commodity, it makes good sense to use them and simply fill the Arena 330 Shipper to a slightly lesser volume. To get the most out of these smaller bags, our test data shows that using an inexpensive corrugated box liner inside the shipper actually increases the bag capacity by changing the internal dimensions of our box to better fit the bag. This method now enables the use of the industries most competitively priced aseptic bag with the worlds best, all plastic, collapsible IBC.

The following chart typifies the volume achieved with the Arena 330 Shipper when using the smaller 81”x 85” bag as well as another common bag size of 81”x 93”. Data is shown with and without using the corrugated sheet liner set. For comparison, fill data on standard non-aseptic bags is also shown below.

### **Aseptic Bag – Typical Fill Volume**

<b>Aseptic Pillow Bag Dimensions</b>	<b>Typical Fill Volume - Gallons</b>
81” x 85” – Bag Only	279
81” x 85” – Bag with Corrugated Liner Set	308
81” x 93” – Bag Only	301
81” x 93” – Bag with Corrugated Liner Set	310

### **Standard Non-Aseptic Bag – Typical Fill Volume for Comparison**

<b>Standard Bag Dimensions</b>	<b>Typical Fill Volume - Gallons</b>
85” x 89” Pillow Bag with Corrugated Liner Set	312
45” x 45” x 46” Fitted Bag with Corrugated Liner Set	312

For more information on the use of Aseptic Liner Bags, please contact your Arena sales representative.