

# Super Sack® Container Sizing Chart

Volume (cu. ft./liters)	Height Options (inches/mm)		Height Options (inches/mm)		Height Options (inches/mm)		Height Options (inches/mm)		Height Options (inches/mm)	
	EH	FH	EH	FH	EH	FH	EH	FH	EH	FH
	<b>28"x28" Base</b> (711mm x 711mm) Empty, seam to seam		<b>35"x35" Base</b> (889mm x 889mm) Empty, seam to seam		<b>38"x38" Base</b> (965mm x 965mm) Empty, seam to seam		<b>43"x43" Base</b> (1092mm x 1092mm) Empty, seam to seam		<b>35"x43" Base</b> (889mm x 1092mm) Empty, seam to seam	
	<b>36/914</b> Filled Diameter		<b>45/1143</b> Filled Diameter		<b>48/1219</b> Filled Diameter		<b>55/1397</b> Filled Diameter		<b>50/1270 Oblong</b> Filled Diameter	
<b>10/283</b>	<b>21/533</b>	<b>17/432</b>								
<b>15/425</b>	<b>30/762</b>	<b>26/660</b>								
<b>20/566</b>	<b>38/965</b>	<b>34/864</b>	<b>26/660</b>	<b>22/559</b>	<b>23/584</b>	<b>19/483</b>			<b>22/559</b>	<b>18/457</b>
<b>25/708</b>	<b>47/1194</b>	<b>43/1092</b>	<b>31/787</b>	<b>27/689</b>	<b>28/711</b>	<b>24/610</b>	<b>22/559</b>	<b>18/457</b>	<b>26/660</b>	<b>22/559</b>
<b>30/850</b>	<b>55/1397</b>	<b>51/1295</b>	<b>37/940</b>	<b>33/838</b>	<b>32/813</b>	<b>28/711</b>	<b>26/660</b>	<b>22/559</b>	<b>31/787</b>	<b>27/686</b>
<b>35/991</b>	<b>64/1626</b>	<b>60/1524</b>	<b>42/1067</b>	<b>38/965</b>	<b>37/940</b>	<b>33/838</b>	<b>30/762</b>	<b>26/660</b>	<b>35/889</b>	<b>31/787</b>
<b>40/1133</b>			<b>48/1219</b>	<b>44/1118</b>	<b>42/1067</b>	<b>38/965</b>	<b>33/838</b>	<b>29/737</b>	<b>39/991</b>	<b>35/889</b>
<b>45/1274</b>			<b>53/1346</b>	<b>49/1245</b>	<b>46/1092</b>	<b>42/1067</b>	<b>37/940</b>	<b>33/838</b>	<b>44/1118</b>	<b>40/1016</b>
<b>50/1416</b>			<b>59/1499</b>	<b>55/1397</b>	<b>51/1295</b>	<b>47/1194</b>	<b>41/1041</b>	<b>37/940</b>	<b>48/1219</b>	<b>44/1118</b>
<b>55/1557</b>			<b>64/1626</b>	<b>60/1524</b>	<b>56/1422</b>	<b>52/1321</b>	<b>44/1118</b>	<b>40/1016</b>	<b>53/1346</b>	<b>49/1245</b>
<b>60/1699</b>			<b>70/1778</b>	<b>66/1676</b>	<b>60/1524</b>	<b>56/1422</b>	<b>48/1219</b>	<b>44/1118</b>	<b>57/1448</b>	<b>53/1346</b>
<b>65/1841</b>			<b>75/1905</b>	<b>71/1803</b>	<b>65/1651</b>	<b>61/1549</b>	<b>52/1321</b>	<b>48/1219</b>	<b>62/1575</b>	<b>58/1473</b>
<b>70/1982</b>			<b>81/2057</b>	<b>77/1956</b>	<b>70/1778</b>	<b>66/1676</b>	<b>55/1397</b>	<b>51/1295</b>	<b>66/1676</b>	<b>62/1575</b>
<b>75/2124</b>			<b>86/2184</b>	<b>82/2083</b>	<b>74/1880</b>	<b>70/1778</b>	<b>59/1499</b>	<b>55/1397</b>	<b>70/1778</b>	<b>66/1676</b>
<b>80/2265</b>			<b>91/2311</b>	<b>87/2210</b>	<b>79/2007</b>	<b>75/1905</b>	<b>63/1600</b>	<b>59/1499</b>	<b>75/1905</b>	<b>71/1803</b>
<b>85/2407</b>			<b>97/2464</b>	<b>93/2362</b>	<b>84/2134</b>	<b>80/2032</b>	<b>66/1676</b>	<b>62/1575</b>	<b>79/2007</b>	<b>75/1905</b>

Other sizes are available.

## Example:

Customer wants to ship 2,200 lbs. of alfalfa seed per container:

- 1 What size container do you need?  
 $2,200 \text{ lbs.} / 48 \text{ lbs. per ft}^3 \text{ (Bulk Density of Alfalfa Seed per ft}^3\text{)} = 46 \text{ ft}^3$   
 (Therefore a 46 ft<sup>3</sup> Super Sack container is needed).
- 2 Next you need to determine the FH and the EH.  
 $46 \text{ ft}^3 / .92 \text{ (factor - see chart below)} = 50" \text{ FH (+4" = 54" EH)}$
- 3 Your size specification would be:  
 35" x 35" x 54" (50" Filled Height) with a 45" Diameter, and  
 2,200 lbs. product capacity.

## LEGEND

EH Empty Height  
 FH Fill Height  
 LBS. Pounds

Formulas:	Diameter:	Factor:	Note:
<b>Fill Height of FIBC:</b> Ft <sup>3</sup> / Factor = FH"	36"	.588	<b>A four-panel FIBC will round out after being filled. Sizing calculations are based on cylindrical formulas.</b>
<b>Empty Height of FIBC:</b> FH" + 4" = EH"	45"	.915	
<b>Cubic Feet of FIBC:</b> FH x Factor = Ft <sup>3</sup>	48"	1.064	
<b>Cubic Feet Capacity of FIBC:</b> Ultimate Weight of FIBC / Bulk Density of Product = Ft <sup>3</sup> Cap.	50"	1.128	
	55"	1.362	
	22"	.229 (Barrel Bag only)	

**Diameter of FIBC:**  
 Side Panel Width x Number of Panels /  
 3.1416 = Dia.



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