

Unpackaging OPUS® Pre-packed Columns

10 cm – 30 cm Internal Diameter (ID)

READ PRIOR TO REMOVING THE COLUMN FROM THE BOX

1. After opening the box:
 - Inspect the outside of the heavy duty cardboard carton for any unusual signs of damage. If significant damage has occurred, please contact Repligen immediately.
 - Locate the shipping delivery documents attached to the outside of the box.
 - Locate the Certificate of Analysis (CoA) for the column inside the box.
 - Remove the top layer of protective foam to expose the column.
 - For GMP Run Ready OPUS® columns, locate the QC resin sample and store as specified by the resin manufacturer.
 - In some cases, excess resin not used during column packing may also be shipped with the column. This may be found in the column box, or in a separate box and container.
2. Remove the column from the box using the following instructions:
 - For maximum cleanliness, Repligen recommends keeping the clear plastic bag containing the column intact for Step 2.
 - Reference Table 1 below for the approximate column weight
 - For 20 – 30 cm ID columns, have two people grab one handle each, lift the column slowly up from the box, and place it carefully on to the floor. **LIFT BY THE HANDLES ONLY.**
 - For 10 & 14 cm ID columns, use two hands to grab the column and lift it from the box.

Table 1. Approximate Column Weight Table

Bed Height	Column Diameter				
	10 cm	14 cm	20 cm	25 cm	30 cm
10 cm	2.5 kg	5 kg	8 kg	13 kg	18 kg
15 cm	3 kg	6 kg	10 kg	16 kg	22 kg
20 cm	3.5 kg	7 kg	12 kg	19 kg	26 kg
30 cm	4 kg	9 kg	16 kg	24 kg	34 kg

3. If you are not ready to use the column, leave the clear plastic bag intact and store the column according to the recommendations of the resin manufacturer.

The full OPUS® column User Guide may be downloaded at: www.repligen.com

For more information or questions, please contact Repligen:

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